Remedial Investigation Report
City of Durham Parks – East Durham Park, NONCD0000821
2500 East Main Street, Durham, North Carolina
Task Orders 821RI-14A
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 Durham Park – 2500 East Main Street
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000821
NCDEQ Task Orders 821RI-14A
S&ME Project No. 23050630

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. 23050630BI, dated September 30, 2025, for Task Orders 821RI-14A 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.

Rachel Moore
Staff Professional II
RachelMoore@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. 23050630BI, dated September 30, 2025, for Task Order 821RI-14A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

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

2.0 Landfill Gas Assessment

2.1 Soil Gas Probe Field Screening Methods

The landfill gas probe (LFGP) and landfill gas implant (LFGI) construction details are presented in **Table 1** and the location of the LFGPs are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I**. On January 26, 2026, landfill gas and offsite soil gas probes and implants that did not have high water levels were screened for landfill gas. **Table 2** shows the data from the field screening event.

The LFGIs that were located at LFGP-2, and LFG-3 were destroyed. Soil gas samples at these locations were collected with Flux Chambers, in accordance with NCDEQ PRLG Guidelines.

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 III**.

2.2 Landfill Gas Screening Results

2.2.1 Volatile Organic Compounds

VOCs were not detected at any LFGP screening locations.

2.2.2 Methane

Methane was not detected at any LFGP screening locations.

2.2.3 Hydrogen Sulfide

Hydrogen Sulfide was not detected in any LFGP screening locations.

The landfill gas screening results are summarized in **Table 2**.

2.3 Landfill Gas Sampling

On January 23, 2026, S&ME personnel used batch-certified sampling canisters to collect samples (including duplicate samples) from nine landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, Methane by ASTM D1946, and Mercury by NIOSH 6009. Samples for Hydrogen sulfide by ASTM D5504 were collected on January 22, 2026.

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 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 the 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 volatile organic compounds in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of soil gas to indoor air pathways. The Residential Receptor Risk was not exceeded at any sample location. Hydrogen sulfide was not detected at any sample location. Methane was detected at multiple sample locations but not at concentrations greater than the Lower Explosive Limit (LEL). See **Section 5.0** for the Risk Calculator details.

A summary of the laboratory results is included in **Table 3,** and the results of the NCDEQ Risk Calculator Residential and Non-Residential Vapor Intrusion risk levels are shown in **Figure 2**. The laboratory reports and chain of custody forms are included in **Appendix III**. **Appendix IV** includes a historical summary table of the landfill gas laboratory results.

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

The monitor well construction details are presented in **Table 4**, and the location of the monitor wells are shown on **Figure 1**. The Coordinates of Selected Features is included in **Appendix I**.

On February 3, 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 in **Figure 4**. Groundwater generally flows from the south to the north towards the surface water feature in the center of the site.

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 of 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, nitrate and sulfate by EPA Method 4500, and ammonia by EPA Method 350.1.

3.2 Monitor Well Sample Results

The laboratory reported detections of multiple constituents above the NCAC 2L Groundwater Standards in samples collected from multiple monitoring wells. Analytes that were detected at concentrations exceeding the respective NCAC 2L Groundwater Standards are shown in **Figure 3.** 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 (2L Standard) of 50 micrograms per liter (µg/L) in all monitor wells except MW-5 and MW-6. These manganese levels may be attributed to the natural weathering of manganese-bearing minerals within the local geology rather than a site-related release. Vanadium was also detected in monitor wells exceeding the 2L Standard of 7 µg/L. Vanadium is a naturally occurring trace element common in Piedmont soils and bedrock. The elevated vanadium detections may also be attributable to natural weathering. Under 15A NCAC 02L .0202(b)(3), where naturally occurring substances exceed the established standard, the local background concentration is considered the applicable standard.

4.0 Surface Water and Sediment Sampling

On January 28, 2026, S&ME collected surface water and stream sediment samples for laboratory analysis from seven locations. Surface water sample locations are identified as SW-1 through SW-7 with laboratory data on **Table 7**. Stream sediment sample locations are identified as SED-1 through SED-7 with laboratory data summarized on **Table 8**. Surface water and stream sediment locations SED/SW-1 through SED/SW-7

are shown on **Figure 5** and **Figure 6**. **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 for analysis of VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7471B, nitrite by EPA Method 353.2, nitrate and sulfate by EPA Method 4500, and ammonia by EPA Method 350.1.

4.1.1 Surface Water Sampling Results

Table 7 summarizes the surface water sample analytical results from locations SW-1 through SW-7. Exceedances of the 15A NCAC 02B (2B Standards) surface water quality standards are shown in **Figure 5**. 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 surface water. Detected constituents were input into the NCDEQ Risk Calculator for the recreator/trespasser receptor at each of the respective surface water sampling locations. See **Section 5.0** for the Risk Calculator details. The carcinogenic risk and non-carcinogenic hazard index for surface water were not exceeded at any of the sample locations for the recreator/trespasser receptor. Exceedances of the surface water 2B Standards as well as the results of the recreator/trespasser risk assessment are shown on **Figure 5**.

4.1.2 Sediment Sampling

Table 8 summarizes sediment analytical results for samples collected from locations SED-1 through SED-7. 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 6**. **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 Residential Receptor or the Non-Residential Worker 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 was collected for the day of sampling. A duplicate was taken at 821-LFGP-6. Analytical results of the duplicate sample were within an acceptable relative difference with the record sample.

Groundwater Duplicates

- One duplicate sample was collected for the day of sampling. A duplicate sample (821-MW-Dup) was taken at MW-5 and analyzed for the same parameters as the record sample. Analytical results of the duplicate sample were 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-4/SED-4. Duplicates were collected separately as SW-Dup and SED-Dup. Analytical results of the duplicate samples were within an acceptable relative difference with the record sample.

Trip Blank

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

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. 23050630BI, dated September 30, 2025, for Task Order 821RI-14A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

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

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

Signature of Environmental Consultant

July 13, 2026
Date

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

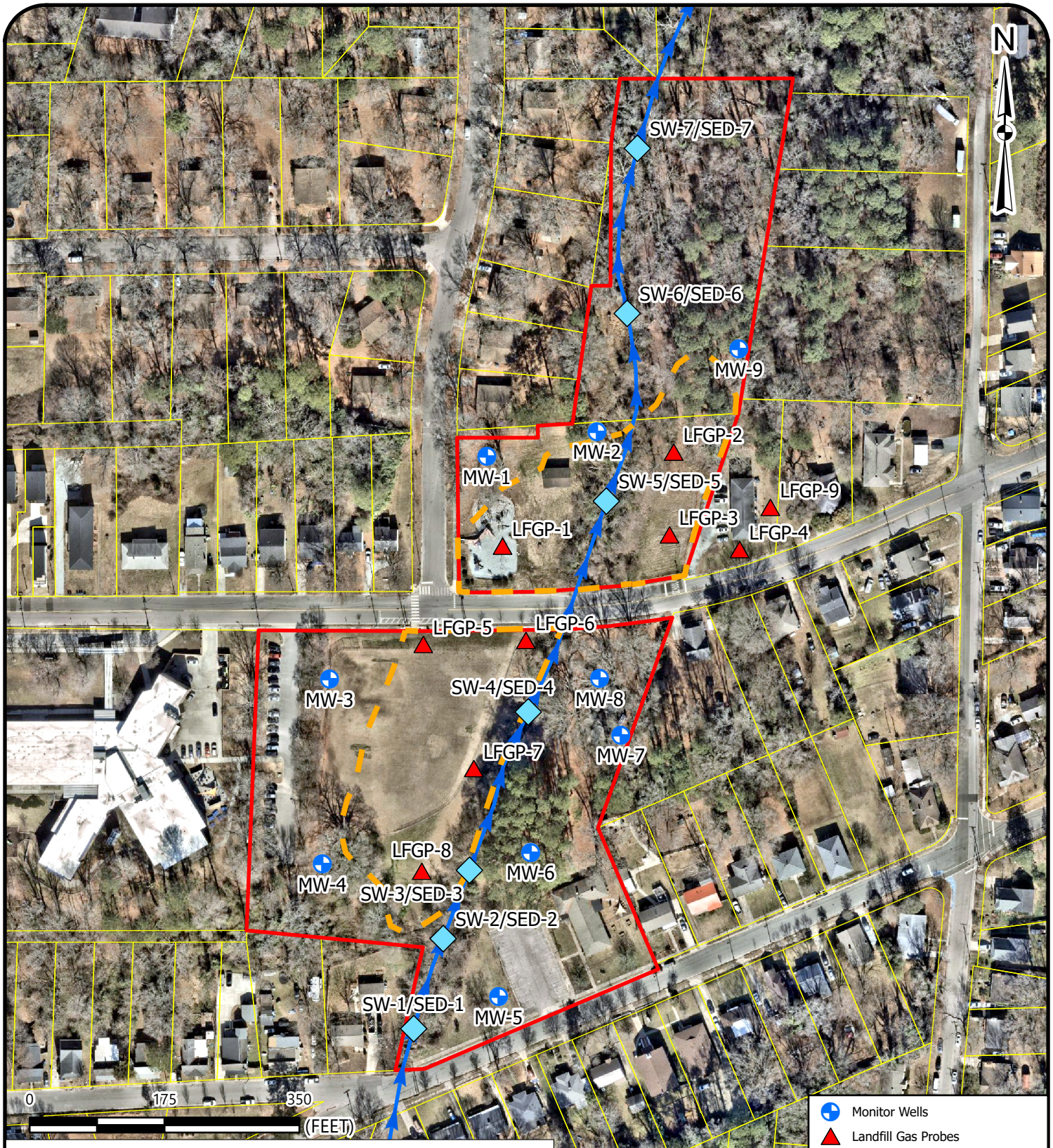
WITNESS my hand and official seal this 13 day of July, 2026.

(OFFICIAL SEAL)
WILMA CRAFT
Notary Public, North Carolina
Wake County
My Commission Expires
March 12, 2028

Wilma Craft
Notary Public (signature)

My commission expires: March 12 2028

Figures



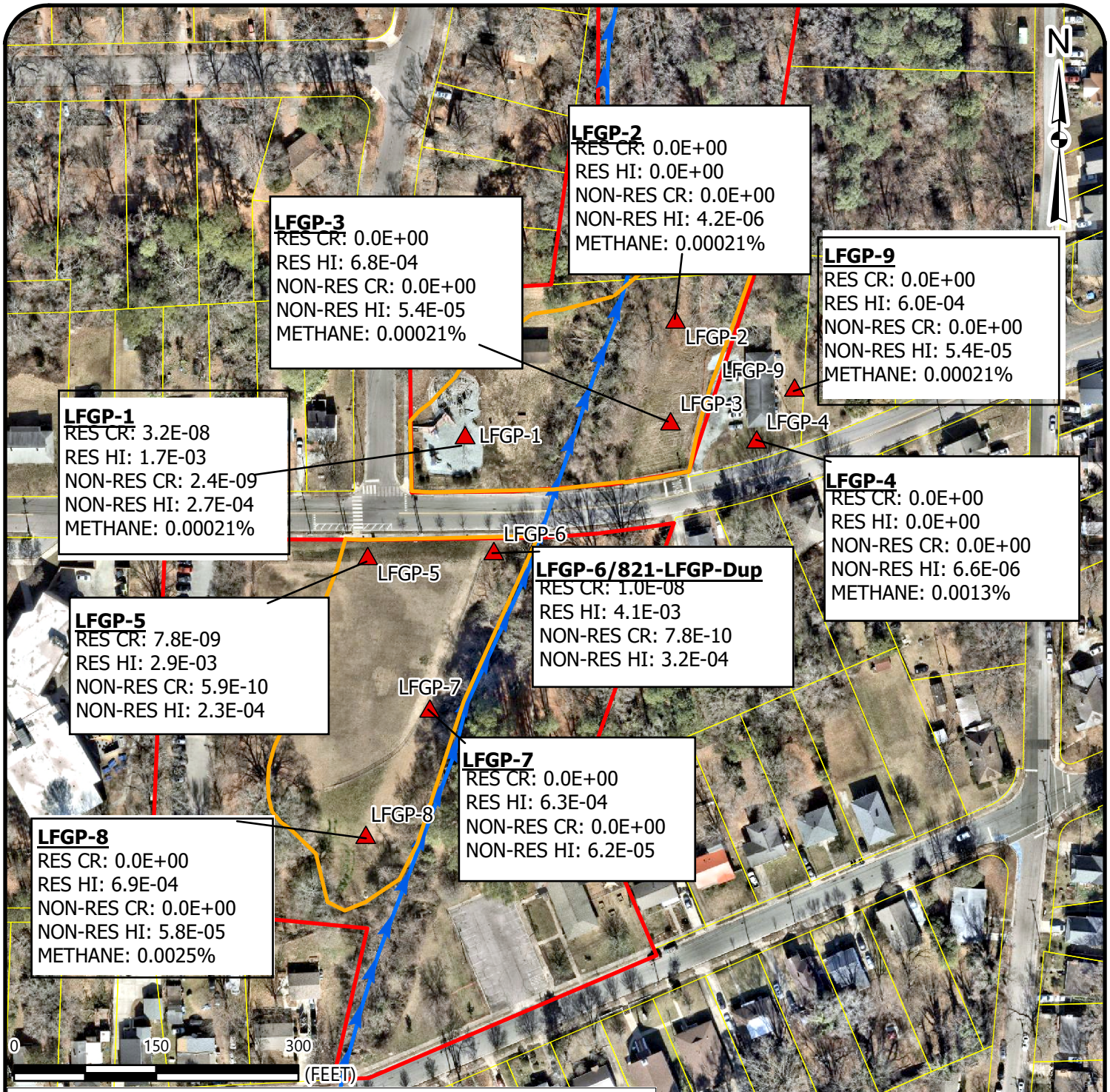
NOTES:
STREAM FLOW IS FROM SOUTH TO NORTH.
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE ESRI ONLINE WORLD STREET BASE MAP. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

SITE MAP

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-14A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

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

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap



NOTES

LANDFILL GAS SAMPLING WAS CONDUCTED ON JANUARY 23, 2026. METHANE MEASURED AS % BY VOLUME. HYDROGEN SULFIDE SAMPLES WERE COLLECTED ON JANUARY 22, 2026. METHANE WAS NOT DETECTED AT LFGP-5, LFGP-6, OR LFGP-7. LFGP-2 & LFGP-3 IMPLANTS WERE DESTROYED; THESE LOCATIONS WERE SAMPLED WITH FLUX CHAMBERS.

RES CR: RESIDENTIAL CARCINOGENIC RISK
RES HI: RESIDENTIAL HAZARD INDEX
NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK
NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

REFERENCE:

GIS BASE LAYERS WERE OBTAINED FROM THE ESRI ONLINE WORLD STREET BASE MAP. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYEDARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

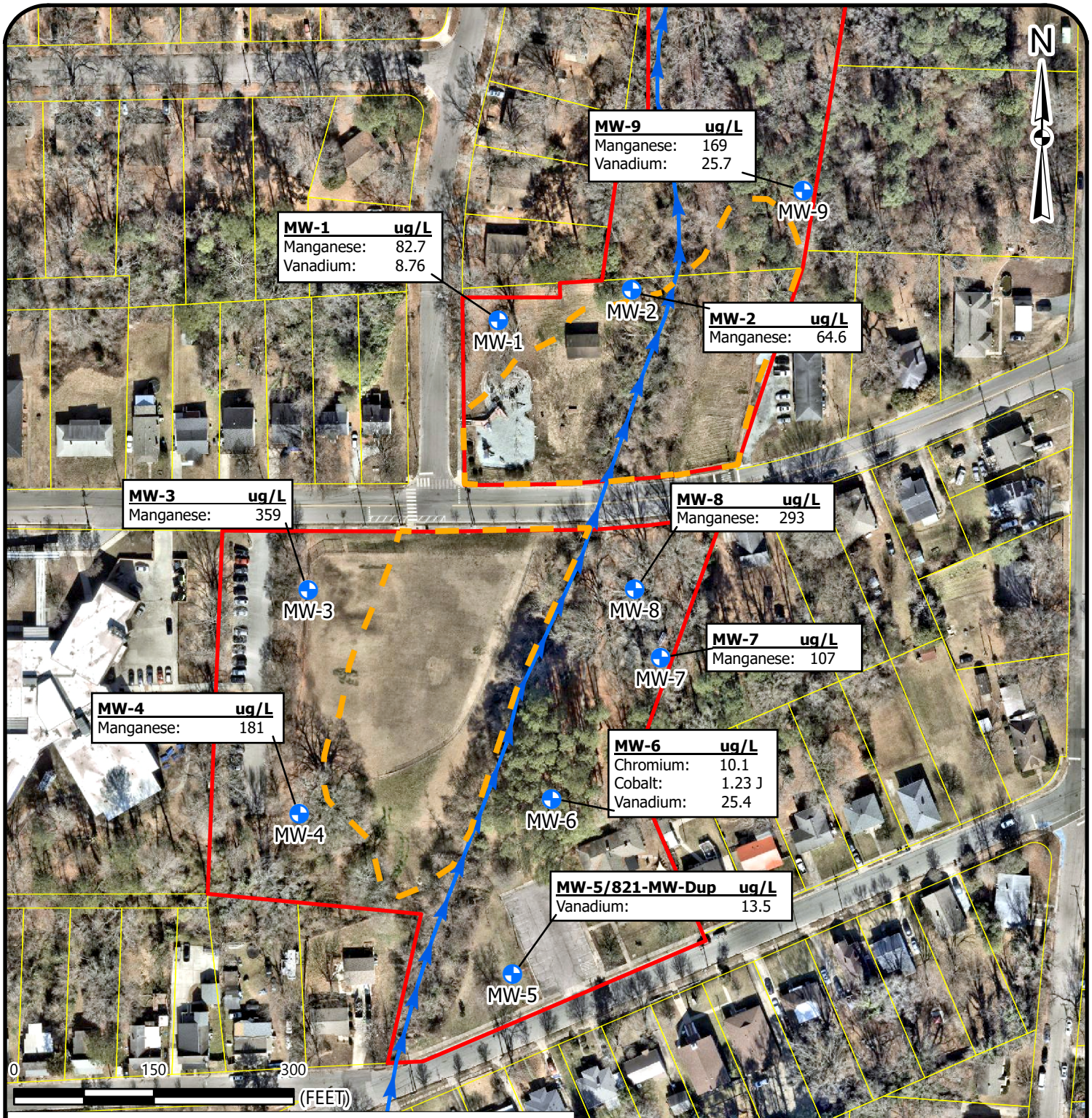
Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-14A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/16/2026
PROJECT NUMBER 23050630

FIGURE NO. 2



NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON FEBRUARY 3, 2026. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). A DUPLICATE SAMPLE WAS COLLECTED FROM MW-5. THE HIGHER DETECTED CONCENTRATION BETWEEN THE TWO IS SHOWN.
J: THE REPORTED RESULT IS AN ESTIMATED VALUE.

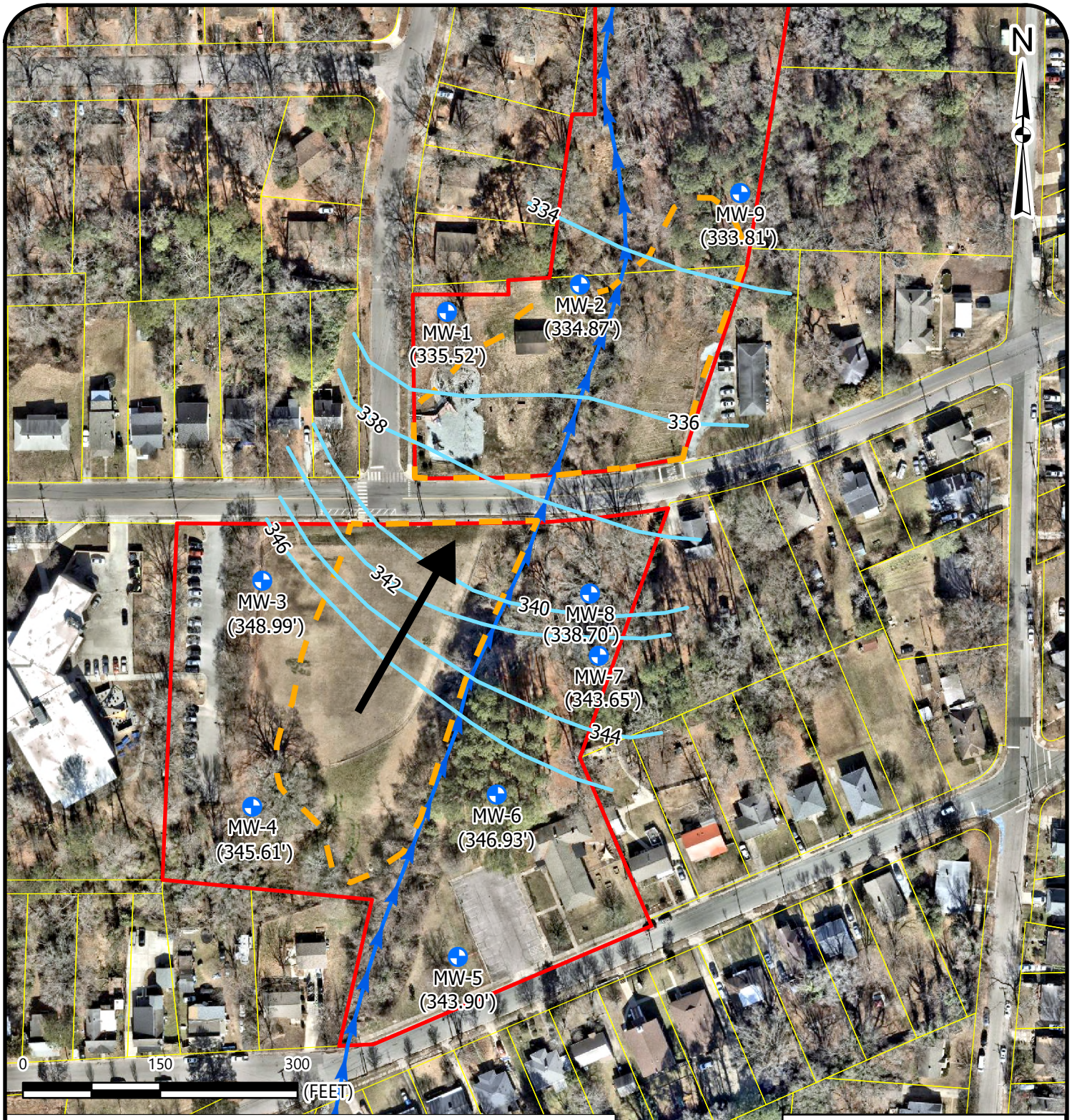
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GIS BASE LAYERS WERE OBTAINED FROM THE ESRI ONLINE WORLD STREET BASE MAP. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER ANALYTICAL RESULTS

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-14A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/17/2026
PROJECT NUMBER 23050630
FIGURE NO. 3

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap



NOTES
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN ON FEBRUARY 3, 2026. ELEVATIONS ARE SHOWN IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL). MW-4 AND MW-5 WERE EXCLUDED DURING CALCULATING GROUNDWATER FLOW. STREAM FLOW IS FROM SOUTH TO NORTH. APPROXIMATE DIRECTION OF GROUNDWATER FLOW IS DEPICTED WITH THE ARROW.

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

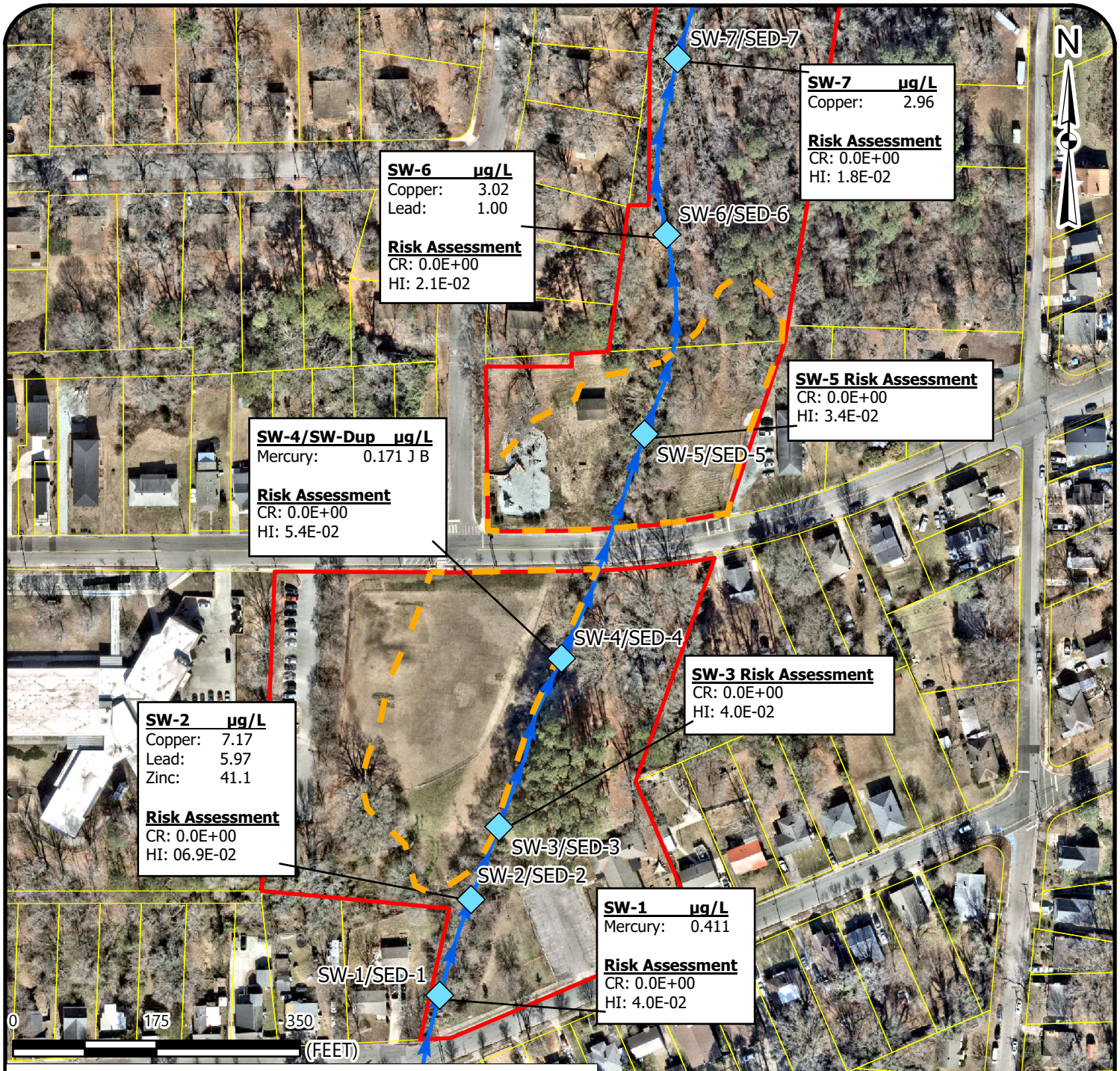
- Monitor Wells
- Surface Water
- Site Boundary
- Durham County Parcels
- Estimated Waste Boundary
- Approx. Groundwater Flow Direction
- Potentiometric Contours

Groundwater Potentiometric Map

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-14A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/20/2026
PROJECT NUMBER 23050630
FIGURE NO. 4

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap



NOTES

SURFACE WATER FLOWS FROM SOUTH TO NORTH. SURFACE WATER SAMPLING WAS CONDUCTED ON JANUARY 28, 2026. SAMPLES ARE MEASURED IN MICROGRAMS PER LITER (ug/L). ONLY ANALYTICAL RESULTS EXCEEDING THE NCAC 2B STANDARDS ARE SHOWN. RISK LEVELS SHOWN ARE FOR THE RECREATOR/TRESPASSER RECEPTOR.

CR: CARCINOGENIC RISK

HI: HAZARD INDEX

J: ESTIMATED VALUE LESS THAN THE REPORTING LIMIT BUT GREATER THAN THE METHOD DETECTION LIMIT AND THE CONCENTRATION IS APPROXIMATE.

B: COMPOUND WAS FOUND IN THE BLANK AND SAMPLE

REFERENCE:

GIS BASE LAYERS WERE OBTAINED FROM THE ESRI ONLINE WORLD STREET BASE MAP. 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: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap

SURFACE WATER ANALYTICAL RESULTS

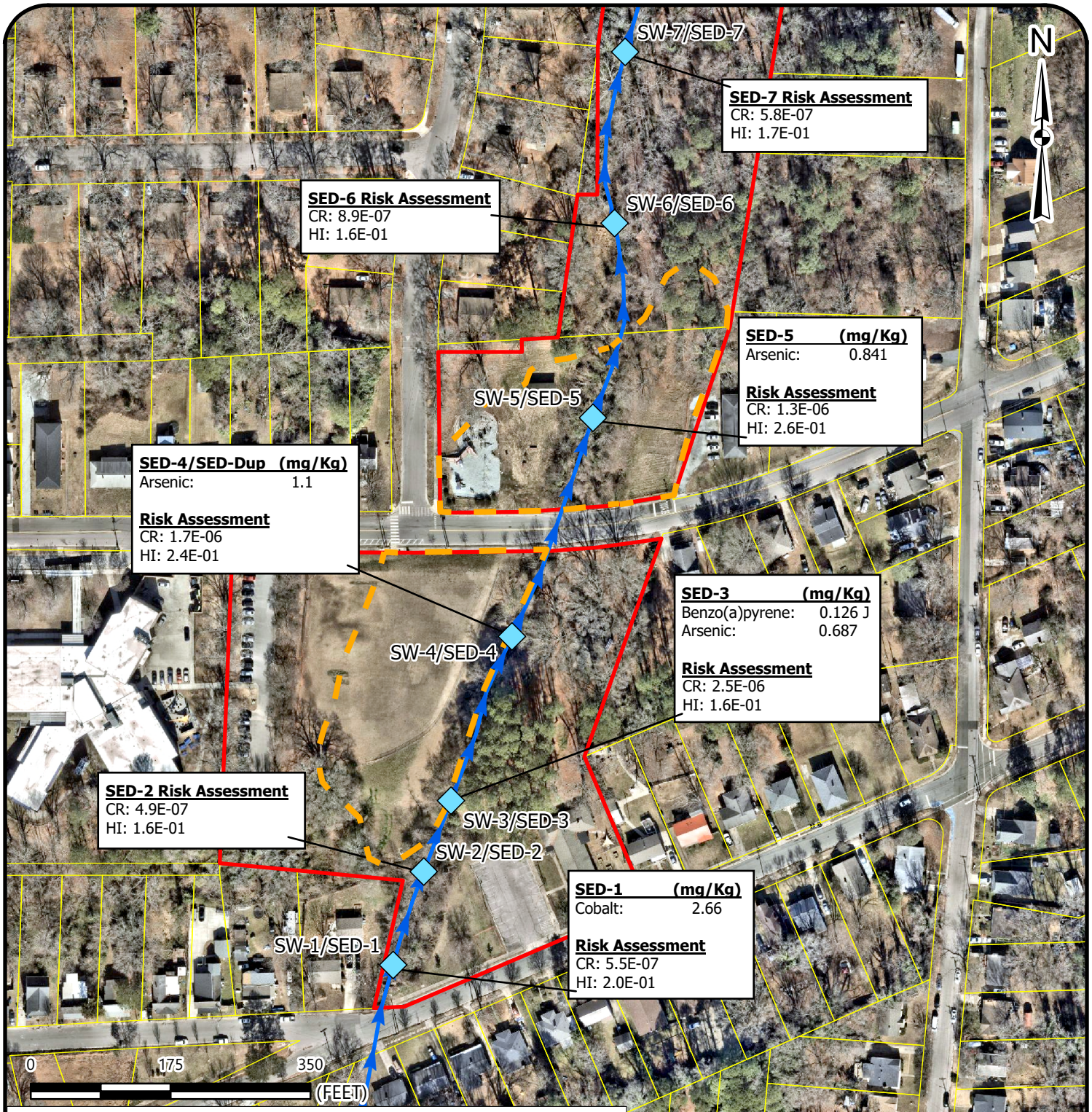
EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-14A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft

DATE: 3/16/2026

PROJECT NUMBER 23050630

FIGURE NO. 5



NOTES

SEDIMENT SAMPLING WAS CONDUCTED ON JANUARY 28, 2026. SAMPLES ARE MEASURED IN MILLIGRAMS PER KILOGRAM (MG/KG). ONLY RESULTS EXCEEDING THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSL) FOR SOIL ARE SHOWN. RISK LEVELS SHOWN ARE FOR THE RESIDENTIAL RECEPTOR.

CR: CARCINOGENIC RISK

HI: HAZARD INDEX

REFERENCE:

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

SEDIMENT SAMPLE ANALYTICAL RESULTS

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-14A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft

DATE: 3/17/2026

PROJECT NUMBER 23050630

FIGURE NO. 6

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap

Tables

TABLE 1
Landfill Gas Probe & Gas Implant Construction Details
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

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	4/10/25	Flushmount-Gas Implant	1/4-in tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0
LFGP-2	4/10/25	Flushmount-Gas Implant	Destroyed - Sampled as Flux Chamber						
LFGP-3	4/10/25	Flushmount-Gas Implant	Destroyed - Sampled as Flux Chamber						
LFGP-4	4/10/25	Flushmount-Gas Implant	1/4-in tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0
LFGP-5	4/9/25	Flushmount-Gas Probe	1-in Sch 40 PVC	10.0	0.0 - 5.0	5.0 - 10.0	0.0 - 4.0	3.0 - 4.0	4.0 - 10.0
LFGP-6	4/9/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 4.0	4.0 - 9.0	3.0 - 4.0	0.0 - 3.0	4.0 - 9.0
LFGP-7	4/9/25	Flushmount-Gas Probe	1-in Sch 40 PVC	10.0	0.0 - 5.0	5.0 - 10.0	0.0 - 4.0	3.0 - 4.0	4.0 - 10.0
LFGP-8	4/9/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 4.0	4.0 - 9.0	3.0 - 4.0	0.0 - 3.0	4.0 - 9.0
LFGP-9	4/10/25	Flushmount-Gas Implant	1/4-in tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0

Notes:
LFGP-1, LFGP-2, LFGP-3, LFGP-4, and LFGP-9 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 Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

Field Parameter		Volatile Organic Compounds (ppm-v)	Methane (Volume in Air %)	Methane (% Lower Explosive Limit)	Hydrogen Sulfide (ppm-v)
Sample ID	Screening Date				
LFGP-1	1/26/2026	0.0	0.0	0.0	0.0
LFGP-2	1/26/2026	Destroyed			
LFGP-3	1/26/2026	Destroyed			
LFGP-4	1/26/2026	0.0	0.0	0.0	0.0
LFGP-5	1/26/2026	0.0	0.0	0.0	0.0
LFGP-6	1/26/2026	0.0	0.0	0.0	0.0
LFGP-7	1/26/2026	0.0	0.0	0.0	0.0
LFGP-8	1/26/2026	0.0	0.0	0.0	0.0
LFGP-9	1/26/2026	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

TABLE 3
Landfill Gas Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

Analytical Method	Analyte	CAS Number	Sample ID	821-LFGP-1	821-LFGP-2	821-LFGP-3	821-LFGP-4	821-LFGP-5	821-LFGP-6	821-LFGP-7	821-LFGP-8	821-LFGP-9	821-LFGP-DUP
			Date Collected	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026
EPA Method TO-15	Acetone	67-64-1		**96**	**8.3 J**	**8.9 J**	**14 J**	**6.5 J**	**8.4 J**	**24 J**	**10 J**	**12 J**	**14 J**
	Dichlorodifluoromethane (Freon 12)	75-71-8		**2.2 J**	<2.2	**2.1 J**	<2.2	**1.8 J**	**1.7 J**	**2.2 J**	**2.4 J**	**2.1 J**	**1.8 J**
	Ethanol	64-17-5		**11 J**	<4.8	<5.0	**17 J**	**8.8 J**	**5.6 J**	**8.9 J**	**15 J**	**8.7 J**	**17**
	Ethylbenzene	100-41-4		**1.2 J**	<1.1	<1.2	<1.1	<1.1	<1.1	<1.6	<1.5	<1.1	<1.0
	2-Butanone (MEK)	78-93-3		**11**	**4.2 J**	**4.7 J**	**6.2 J**	**3.5 J**	**3.7 J**	**12 J**	<4.0	**6.1 J**	**6.3 J**
	m, p-Xylene	108-38-3, 106-42-3		**3.9 J**	<2.2	<2.3	<2.2	<2.2	<2.1	<3.1	<2.9	<2.2	<2.0
	o-Xylene	95-47-6		**1.5 J**	<1.1	<1.2	<1.1	<1.1	<1.1	<1.6	<1.5	<1.1	<1.0
	2-Propanol	67-63-0		**7.4**	<2.5	<2.6	<2.5	**2.5 J**	**4.8 J**	<3.6	<3.4	<2.5	**5.7 J**
	Tetrachloroethylene (PCE)	127-18-4		<1.7	<1.7	<1.8	<1.7	**2.8 J**	**3.7 J**	<2.5	<2.4	<1.7	**2.5 J**
	Toluene	108-88-3		**11**	**5.0 J**	**8.9**	**8.3**	**5.4 J**	**6.3**	**13**	**8.1**	**7.3**	**7.4**
ASTM D5504-12 (ug/m3)	Hydrogen Sulfide	7783-06-4		<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
EPA Method 3C (%)	Methane	74-82-8		**0.00021**	**0.00021**	**0.00021**	**0.0013**	<0.000050	<0.000048	<0.000072	**0.0025**	**0.00021**	<0.000046
NCDEQ Risk Calculator	Vapor Intrusion Resident Soil Gas to Indoor Air		Cumulative Carcinogenic Risk	3.2E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	
			Non-Carcinogenic Hazard Quotient	1.7E-03	0.0E+00	6.8E-04	0.0E+00	2.9E-03	4.1E-03	6.3E-04	6.9E-04	6.0E-04	
	Vapor Intrusion Non-Residential Worker Soil Gas to Indoor Air		Cumulative Carcinogenic Risk	2.4E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-10	7.8E-10	0.0E+00	0.0E+00	0.0E+00	
			Non-Carcinogenic Hazard Quotient	2.7E-04	4.2E-06	5.4E-05	6.6E-06	2.3E-04	3.2E-04	6.2E-05	5.8E-05	5.4E-05	

Notes:
Hydrogen sulfide and mercury samples were collected on 01/22/26 and submitted to EMSL for analysis.
µg/m^3: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
LFGP-2 and LFGP-3 implants were destroyed; these locations were sampled with Flux Chambers.
NC: Risk Not Calculated due to lack of analyte detections.
821-LFGP-DUP was taken at 821-LFGP-6.
See LFGP-6 Risk Calculator results for 821-LFGP-DUP
J: The reported result is an estimated value.
Compound not in January 2025 NCDEQ Risk Calculator, concentration not entered.

TABLE 4
Groundwater Monitor Well Construction & Groundwater Level
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)	Screen Interval (ft-bgs)	Grout Interval (ft-bgs)	Bentonite Interval (ft-bgs)	Filter Pack Interval (ft-bgs)	Top of Casing Elevation (ft-amsl)	Date Water Level Measured	Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
MW-1	4/22/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	33.0	0.0 to 23.0	23.0 to 33.0	0.0 to 19.0	19.0 to 21.0	21.0 to 33.0	346.84	2/3/2026	11.02	335.82
MW-2	4/22/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	43.0	0.0 to 33.0	33.0 to 43.0	0.0 to 29.0	29.0 to 31.0	31.0 to 43.0	344.81	2/3/2026	9.94	334.87
MW-3	4/22/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	53.0	0.0 to 33.0	33.0 to 53.0	0.0 to 29.0	29.0 to 31.0	31.0 to 53.0	354.09	2/3/2026	5.10	348.99
MW-4	4/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	53.0	0.0 to 33.0	33.0 to 53.0	0.0 to 29.0	29.0 to 31.0	31.0 to 53.0	351.79	2/3/2026	6.18	345.61
MW-5	4/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	48.0	0.0 to 28.0	28.0 to 48.0	0.0 to 24.0	24.0 to 26.0	26.0 to 48.0	349.88	2/3/2026	5.98	343.90
MW-6	4/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	16.0	0.0 to 6.0	6.0 to 16.0	0.0 to 4.0	4.0 to 5.0	5.0 to 16.0	351.82	2/3/2026	4.89	346.93
MW-7	4/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	33.0	0.0 to 13.0	13.0 to 33.0	0.0 to 9.0	9.0 to 11.0	11.0 to 33.0	346.62	2/3/2026	2.97	343.65
MW-8	4/24/25	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	343.62	2/3/2026	4.92	338.70
MW-9	4/24/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	22.0	0.0 to 7.0	7.0 to 22.0	0.0 to 4.0	4.0 to 5.0	5.0 to 22.0	338.71	2/3/2026	4.90	333.81

Notes:
ft-bgs: feet below ground surface
ft-amsl: feeet 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 Durham Park (NONCD0000821)

2500 East Main Street, Durham, Durham County, North Carolina

S&ME Project No. 23050630 Task Order RI-14A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	2/3/2026	7.4	14.2	721	6.8
MW-2	2/3/2026	7.9	15.5	705	0.65
MW-3	2/3/2026	7.7	15.1	629	4.3
MW-4	2/3/2026	7.9	14.7	481	6.4
MW-5	2/3/2026	7.3	14.9	472	5.6
MW-6	2/3/2026	7.1	14.4	307	18.0
MW-7	2/3/2026	7.5	13.8	719	2.9
MW-8	2/3/2026	7.2	12.9	895	5.5
MW-9	2/3/2026	8.0	14.1	495	23.0

Notes:

Temperature: degrees Celsius (°C)

Conductivity: microsiemens per centimeter (µS/cm)

Turbidity: Nephelometric Turbidity Units

Table 6
Groundwater Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)	Method 8270E - Semi Volatile Organic Compounds (SVOCs)	Method 7470A - Mercury	Method 6020B - Metals									Method 353.2	Method 9056A	
CAS Number		106-46-7	105-60-2	7439-97-6	7440-38-2	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7439-96-5	7440-02-0	7440-62-2	7440-66-6	14797-65-0	14797-55-8	14808-79-8
Analyte		1,4-Dichlorobenzene	Caprolactam	Mercury	Arsenic	Barium	Chromium, Total	Cobalt	Copper	Manganese	Nickel	Vanadium	Zinc	Nitrite as (N)	Nitrate as (N)	Sulfate
Sample ID	Date Collected															
MW-1	2/3/2026	<0.32	**7.44 J**	<0.166	<1.32	**154**	<3.69	<0.411	<0.642	**82.7**	**1.45 J**	**8.76**	<8.91	<16.8	**318**	**61,000**
MW-2	2/3/2026	**0.328 J**	<2.36	<0.166	**1.63 J**	**598**	<3.69	<0.411	<0.642	**64.6**	**1.29 J**	<1.22	<8.91	**306**	<10	**13,100**
MW-3	2/3/2026	<0.32	**7.06 J**	<0.166	**3.70 J**	**403**	<3.69	<0.411	<0.642	**359**	**0.709 J**	<1.22	**10.8**	<16.8	**21 J**	**6,740**
MW-4	2/3/2026	<0.32	<2.38	<0.166	**3.29 J**	**551**	<3.69	<0.411	<0.642	**181**	**0.437 J**	<1.22	**38.5**	<16.8	**38 J**	**2,680 J**
MW-5	2/3/2026	<0.32	<2.35	<0.166	<1.32	**122**	<3.69	<0.411	<0.642	**5.7**	**16.1**	**13.5**	<8.91	<16.8	**1,420**	**18,200**
MW-6	2/3/2026	<0.32	<2.36	<0.166	<1.32	**35**	**10.1**	**1.23 J**	**6.91**	**38.2**	**3.2 J**	**25.4**	<8.91	<16.8	**1,680**	**14,600**
MW-7	2/3/2026	<0.32	<2.36	<0.166	<1.32	**357**	<3.69	<0.411	<0.642	**107**	**0.93 J**	**2.37 J**	<8.91	<16.8	**26 J**	**36,300**
MW-8	2/3/2026	<0.32	<2.33	<0.166	<1.32	**122**	<3.69	<0.411	**2.33**	**293**	**6.56**	**5.05**	**14.9**	<16.8	<10	**36,800**
MW-9	2/3/2026	<0.32	<2.39	**0.277**	**9.2**	**410**	<3.69	<0.411	<0.642	**169**	**0.873**	**25.7**	<8.91	<16.8	**190**	**13,100**
821-MW-DUP	2/3/2026	<0.32	**7.53 J**	**0.473**	<1.32	**114**	<3.69	<0.411	<0.642	**4.08 J**	**0.494 J**	**13**	<8.91	<16.8	**1,500**	**18,700**
15A NCAC 2L Groundwater Standards and IMACs		20	4,000	1	10	700	10	1	1,000	50	100	7	1,000	1,000	10,000	250,000

Notes:

µg/L: Micrograms per liter.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15 NCAC 2L Standards are highlighted.
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1: MS and/or MSD recovery exceeds control limits
821-MW-DUP was taken at MW-5

Table 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

Analytical Method		Method 6020B - Metals									Method 7470A - Mercury	Method 353.2	Method 9056A	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		7440-39-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-28-0	7440-62-2	7440-66-6	7439-97-6	14797-55-8	14808-79-8		
Analyte		Barium	Cobalt	Copper	Lead	Manganese	Nickel	Thallium	Vanadium	Zinc	Mercury	Nitrate (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected														
SW-1	1/28/2026	84.9	<0.411	2.1	<0.864	91.6	1.28 J	<0.19	<1.22	20.9	0.411	291	24,900	0.0E+00	4.0E-02
SW-2	1/28/2026	57.6	0.707 J	7.17	5.97	131	2.92 J	<0.19	1.47 J	41.1	<0.166	905	25,700	0.0E+00	6.9E-02
SW-3	1/28/2026	53.2	<0.411	2.35	<0.864	97.8	0.806 J	<0.19	<1.22	14.3	<0.166	166	21,400	0.0E+00	4.0E-02
SW-4	1/28/2026	55	<0.411	2.55	<0.864	123	1.04 J	<0.19	<1.22	14.2	0.171 J B	133	33,800	0.0E+00	5.4E-02
SW-5	1/28/2026	46.6	<0.411	2.18	<0.864	50.8	0.682 J	0.766 J B	<1.22	13.9	<0.166	141	23,900	0.0E+00	3.4E-01
SW-6	1/28/2026	49.1	<0.411	3.02	1	47.4	0.638 J	<0.19	<1.22	15.6	<0.166	155	19,900	0.0E+00	2.1E-02
SW-7	1/28/2026	50.6	<0.411	2.96	<0.864	39	1.38 J	<0.19	<1.22	14.4	<0.166	121	18,500	0.0E+00	1.8E-02
SW-Dup	1/28/2026	56.1	<0.411	2.25	<0.864	118	1.02 J	<0.19	<1.22	14.5	<0.166	1,650	38,500	See SW-4 Risk Assessment	
15A NCAC 2B Surface Water Standards		1000	NE	2.7	0.54	NE	16	NE	NE	36	0.012	NE	250,000		

Notes:

µg/L: Micrograms per liter.

Concentrations shown in **BOLD** (in µg/L) exceed the laboratory MDLs.

Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).

NE: 15 A NCAC 2 B Surface Water Standard Not Established

J: Estimated value less than the reporting limit but greater than the MDL and the concentration is an approximate value.

B: Compound was found in the blank and sample.

Target constituents not shown for the method were not detected.

All detections that exceed the 15 NCAC 2B Surface Water Standards are highlighted.

Compound not in January 2025 NCDEQ Risk Calculator, concentration not entered.

SW-Dup was taken at SW-4.

Table 8
Sediment Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)			Method 8270E Semi Volatile Organic Compounds (SVOCs)																Method 6020B - Metals																	Method 7199	Method 9056A		NCDEQ Risk Calculator					
CAS Number		67-64-1	78-93-3	108-88-3	123-91-1	51-28-5	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	117-81-7	85-68-7	105-60-2	218-01-9	206-44-0	193-39-5	108-39-4, 106-44-5	85-01-8	129-00-0	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-22-4	7440-62-2	7440-66-6	18540-29-9	14797-55-8	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		Acetone	2-Butanone (MEK)	Toluene	1,4-Dioxane	2,4-Dinitrophenol	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Caprolactam	Chrysene	Fluoranthene	Indeno(1,2,3-cd)pyrene	3 & 4 Methylphenol	Phenanthrene	Pyrene	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Vanadium	Zinc	Hexavalent Chromium (Cr VI)	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																																										
SED-1	1/28/2026	<0.0386	<0.00972	<0.00172	**0.00377**	**0.148 J**	<0.0395	<0.0395	<0.0395	**0.0568 J F1**	<0.0395	<0.0395	**0.335 J F1 B**	**0.105 J F1**	<0.0395	**0.0457 J F1**	**0.0817 J F1**	<0.0395	<0.0395	**0.0508 J F1**	**0.0703 J F1**	<0.148	**0.335 J**	**10.2 B**	**0.0601 J**	**0.075 J**	**3.81**	**2.66**	**9.08 B**	**8.7**	**61.8**	**9.36**	**0.18 J**	**0.0159 J**	**8.99**	**34.9**	<0.119	**0.979 J**	**23.3**	5.5E-07	2.0E-01	1.2E-07	1.4E-02	2.4E-07	8.7E-02
SED-2	1/28/2026	<0.043	<0.0108	<0.00191	**0.00346**	<0.0396	<0.0396	<0.0396	<0.0396	**0.0163 J**	<0.0396	<0.0396	**0.163 J B**	<0.396	<0.0396	<0.0396	<0.0396	<0.0396	<0.0396	<0.0396	<0.0396	<0.143	**0.318 J**	**10.6 B**	**0.0529 J**	**0.0660 J**	**4.41**	**1.98**	**11.3 B**	**8.61**	**43.3**	**6.73**	**0.218 J**	**0.0157 J**	**8.45**	**29.5**	<0.112	**0.988 J**	**12.0 J**	4.9E-07	1.6E-01	1.1E-07	1.1E-02	2.1E-07	6.8E-02
SED-3	1/28/2026	<0.0407	<0.0103	<0.00181	**0.0122**	<0.0447	**0.16 J**	**0.133 J**	**0.126 J**	**0.219 J**	**0.131 J**	**0.0621 J**	<0.135	<0.0447	<0.0447	**0.215 J**	**0.366 J**	**0.1 J**	**0.0510 J*+**	**0.455**	**0.42 J**	<0.16	**0.687 J**	**12.2 B**	**0.0737 J**	**0.0749 J**	**4.38**	**1.73**	**9.42 B**	**12.2**	**44.3**	**5.66**	**0.177 J**	**0.118 J**	**6.64**	**34.9**	<0.129	**1.06 J**	**15.3**	2.5E-06	1.6E-01	3.1E-07	1.1E-02	1.1E-06	6.9E-02
SED-4	1/28/2026	<0.0421	<0.0106	<0.00187	**0.00948**	<0.0393	<0.0393	<0.0393	<0.0393	**0.046 J**	<0.0393	<0.0393	**0.392 J B**	<0.0393	<0.0393	<0.0393	**0.0504 J**	<0.0393	<0.0393	<0.0393	**0.047 J**	**0.186 J**	**1.1**	**33.1 B**	**0.117 J**	**0.125 J**	**4.95**	**2.23**	**19.7 B**	**25.2**	**102**	**5.12**	**0.169 J**	**0.0661 J**	**9.12**	**63.9**	<0.122	**0.964 J**	<12	1.7E-06	2.4E-01	3.7E-07	1.7E-02	7.2E-07	1.0E-01
SED-5	1/28/2026	**0.0695 J**	<0.0118	<0.00208	**0.00772**	<0.0417	<0.0417	<0.0417	<0.0417	**0.0387 J**	<0.0417	<0.0417	**0.208 J B**	<0.0417	<0.0417	<0.0417	**0.0417 J**	<0.0417	<0.0417	<0.0417	<0.0417	<0.151	**0.841**	**14.1 B**	**0.119 J**	**0.0966 J**	**8.47**	**2.22**	**81.5 B**	**16.5**	**131**	**4.56**	**0.224 J**	**0.0221 J**	**10.4**	**42.4**	<0.129	**1.07 J**	**13.7**	1.3E-06	2.6E-01	2.8E-07	1.8E-02	5.5E-07	1.1E-01
SED-6	1/28/2026	<0.0381	<0.00958	<0.00169	**0.00884**	<0.0399	<0.0399	<0.0399	<0.0399	**0.0187 J**	<0.0399	<0.0399	**0.19 J B**	<0.0399	**0.12 J**	<0.0399	<0.0399	<0.0399	<0.0399	<0.0399	<0.0399	**0.204 J**	0.587	**11.1 B**	**0.1 J**	**0.117 J**	**6.61**	**1.48**	**10.9 B**	**46.5**	**49.6**	**4.08**	**0.218 J**	**0.134 J**	**7.14**	**66.6**	<0.125	**1.06 J**	<12.6	8.9E-07	1.6E-01	2.0E-07	1.1E-02	3.8E-07	6.8E-02
SED-7	1/28/2026	**3.18 J**	**9.28**	<0.0804	**0.00407**	<0.0412	<0.0412	<0.0412	<0.0412	**0.011 J**	<0.0412	<0.0412	**0.188 J B**	<0.0412	**0.0863 J**	<0.0412	<0.0412	<0.0412	<0.0412	<0.0412	<0.0412	<0.152	**0.385 J**	**47.3 B**	**0.0687 J**	**0.0673 J**	**3.95**	**1.88**	**7.31 B**	**14.1**	**71.7**	**5.1**	**0.126 J**	**0.0168 J**	**5.9**	**38.2**	<0.118	**1.01 J**	**19.2**	5.8E-07	1.7E-01	1.3E-07	1.1E-02	2.5E-07	7.1E-02
SED-Dup	1/28/2026	**0.0599 J**	<0.00925	**0.00213 J**	**0.00357**	<0.0338	<0.0338	<0.0338	<0.0338	**0.0376 J**	<0.0338	<0.0338	<0.102	<0.0417	<0.0338	<0.0338	**0.0447 J**	<0.0338	<0.0338	<0.0338	**0.0423 J**	<0.137	**0.698 J**	**12.9 B**	**0.0866 J**	**0.126 J**	**4.58**	**1.88**	**8.25**	**13.1**	**42.1**	**4.67 B**	**0.147 J**	**0.0376 J**	**6.3**	**39.1**	**0.164 J**	<0.866	**19.5**	See SED-4 Risk Calculator					
EPA Resident Soil Screening Levels (RSLs)		7,000	2,700	490	5.3	13	1,800	1.1	0.11	1.1	NE	11	39	290	3,100	110	240	1.1	130	NE	180	3.1	0.68	1,500	16	0.71	12,000	2.3	310	200	180	140	39	39	39	2,300	0.95	13,000	NE						

Notes:
Concentrations are reported in milligrams per kilogram (mg/Kg).
Target constituents not shown for the method were not detected.
All detections are shown in bold.
Detections that exceed the United States Environmental Protection Agency Regional Screening Levels for Chemical Contaminants at Superfund Sites Table.
Compound not in January 2025 NCDEQ Risk Calculator, concentration not entered.
J: Result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value.
B: Compound was found in the blank and sample.
F1 (Metals): MS and/ or MSD recovery exceeds control limits.
*+: Laboratory Control Sample (LCS) and/or LCS Duplicate (LCSD) is outside acceptance limits, high biased.
NE: Not Established
EPA Resident Soil Screening Levels based on a target cancer risk of 1E-06 and a target hazard quotient of 0.1 [from the USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024].
SED-Dup was taken at SED-4.

Appendices

Appendix I- Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-14A

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
LFGP-1	Landfill Gas Probe	35.986689	-78.870820	814,075.43	2,038,212.50
LFGP-2	Landfill Gas Probe	35.986734	-78.870311	814,108.20	2,038,355.37
LFGP-3	Landfill Gas Probe	35.985899	-78.871592	813,786.93	2,038,008.46
LFGP-4	Landfill Gas Probe	35.985218	-78.871541	813547.08	2,037,998.90
LFGP-5	Landfill Gas Probe	35.984790	-78.870751	813,374.90	2,038,227.65
LFGP-6	Landfill Gas Probe	35.985248	-78.870655	813,562.22	2,038,269.38
LFGP-7	Landfill Gas Probe	35.985622	-78.870238	813,714.23	2,038,386.41
LFGP-8	Landfill Gas Probe	35.985800	-78.870342	813,787.48	2,038,358.54
LFGP-9	Landfill Gas Probe	35.987079	-78.869709	814,215.04	2,038,539.37
MW-1	Monitor Well	35.986683	-78.870838	814,075.43	2,038,212.50
MW-2	Monitor Well	35.986772	-78.870354	814,108.20	2,038,355.37
MW-3	Monitor Well	35.985891	-78.871528	813,786.93	2,038,008.46
MW-4	Monitor Well	35.985232	-78.871562	813547.08	2,037,998.90
MW-5	Monitor Well	35.984758	-78.870789	813,374.90	2,038,227.65
MW-6	Monitor Well	35.985273	-78.870648	813,562.22	2,038,269.38
MW-7	Monitor Well	35.985690	-78.870251	813,714.23	2,038,386.41
MW-8	Monitor Well	35.985891	-78.870345	813,787.48	2,038,358.54
MW-9	Monitor Well	35.987065	-78.869732	814,215.04	2,038,539.37
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	35.987774	-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 Durham Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**			
NCDEQ ID No.:	**NONCD0000821**	Date:	1/26/2026	Gas Analyzer	GEM 5000	GEM 5000	
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000	Mini Rae 3000	Pre Calibration Time:
Task Order:	**RI-14**	S&ME Personnel:	MA	Thermo Hygrometer	UEI OTH 10	UEI OTH 10	Post Calibration Time:

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

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

Screening Data

Sample Location	**Time**	**VOCs**		**Methane**		**Carbon Dioxide**	**Oxygen**	**Hydrogen Sulfide**	**Barometric Pressure**	**Temperature**	**Humidity**
ID	**hr:min**	**ppm-v**	**%**	**volume in air (%)**	**% LEL (100% LEL = 5% CH4)**	**%**	**%**	**ppm-v**	**in-Hg**	**°F**	**%**
LFGP-1	13:50	0.0		0.0		0.2	20.7	0		45.0	88
LFGP-2											
LFGP-3											
LFGP-4	13:40	0.0		0.0		1.0	19.1	0		45.0	88
LFGP-5	13:30	0.0		0.0		8.2	14.8	0		45.0	88
LFGP-6	14:00	0.0		0.0		0.3	12.5	0		45.0	88
LFGP-7	14:15	0.0		0.0		0.2	19.2	0		45.0	88
LFGP-8	14:25	0.0		0.0		0.1	20.8	0		45.0	88
LFGP-9	14:30	0.0		0.0		8.7	14.2	0		45.0	88

Name	**Signature**	**Date**	**Notes:**
(1) Madison Allen	Mn Allen	1/26/2026	**LFGP-2 and LFGP-3 are implants and are destroyed**

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	East Durham Park		
Project Number:	23050630 821RI-14		
Location:	Durham NC	**Date:**	1/23/2026
Weather:	Sunny	**Air Temp (°F):**	40s
Helium Detector Serial No.:		**Calibration Date:**	

Sample Information					
Sample Type	Soil Gas Implant	Soil Gas Implant	Soil Gas Implant	Soil Gas Implant	Soil Gas Implant
Sample ID	821-LFGP-9	821-LFGP-4	821-LFGP-2	821-LFGP-3	821-LFGP-1
Canister ID	6L2327	6L2502	6L1511	6L0871	6L0673
Regulator ID	24909	24320	23609	23625	23257
Canister Volume (L)	6	6	6	6	6
Ambient Temp (°F)					
Barometric Pressure (inHg)					
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	14.6	16.1			14.9
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)
	3		1.5	3		1.5	3		1.5	3		1	3		1.5
Sand Pack Interval Depth (in-bgs)	1	to	2	1	to	2	1	to	2	1	to	2	1	to	2
Total Well Depth (in-bgs)	3			2											
Volume (mL)	229			229			229			171			229		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	3.4			3.4			3.4			2.6			3.4		
Actual Purge Time (min)	4.0			4.0									4.0		
Sample Collection															
Start Time	10:28			10:36			10:49			10:44			10:40		
Initial Vacuum (inHg)	30			30			29			30			29		
End Time	11:28			11:36			11:49			11:37			11:40		
Final Vacuum (inHg)	7			12			7			7			6		
Approximate Total Time (min)	60			60			60			53			60		
Sample Analysis															

Sampler Information

Sampled by: Madison Allen Sampler Signature: Madison Allen Date: 1/23/2026

Notes: 1. Per the NCDEQ DWM VI Guidance dated April 2014, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.
LFGP-2 and LFGP-3 sampled using flux chamber method.

Revision Date: 9/1/17 14:50

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	East Durham Park		
Project Number:	23060630 Task Order RI-14		
Location:	Durham, NC	**Date:**	1/23/2026
Weather:	Sunny	**Air Temp (°F):**	40
Helium Detector Serial No.:		**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	821-LFGP-5	821-LFGP-DUP	821-LFGP-6	821-LFGP-7	821-LFGP-8
Canister ID	6L1975	6L1665	6L0997	6L1147	6L0401
Regulator ID	23686	24538	23100	23129	24056
Canister Volume (L)	6	6	6	6	6
Ambient Temp (°F)	31	31	31	32	32
Barometric Pressure (inHg)	30.0	30.0	30.0	30.0	30.0
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	13.4	15.8	15.8	15	18.1
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information

Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	5		6	5		5	5		5	5	10	5	5		5
Sand Pack Interval Depth (in-bgs)	4	to	10	4	to	9	4	to	9	5	to	10	5	to	10
Total Well Depth (in-bgs)	10			10			9			10			9		
Volume (mL)	857			741			741			749			741		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	12.9			11.1			11.1			11.2			11.1		
Actual Purge Time (min)	13.0			11.0			11.0			11.0			11.0		

Sample Collection					
Start Time	10:04	09:25	09:25	09:37	09:50
Initial Vacuum (inHg)	30	29	29	28	30
End Time	11:04	10:25	10:25	10:37	10:52
Final Vacuum (inHg)	6	8	6	8	7
Approximate Total Time (min)	60	60	60	60	62
Sample Analysis					

Sampler Information

Sampled by: Madison Allen Sampler Signature: Mn Allen Date: 1/23/2026

Notes: 1. Per the NCDEQ DWM VI Guidance dated April 2014, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.
DUP taken from LFGP-6

Revision Date: 9/1/17 14:50

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-1**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	14:40
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	11.02	ft-TOC
Total Well Depth:	33.00	ft-TOC
Height of Water Column:	21.98	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.6	gal
3 * Well Volume	10.8	gal
5 * Well Volume	17.9	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 14:20 **End Time:** 14:35

Total Volume Purged: 9.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
3.0	14:25	7.4	13.7	716	9.8	
6.0	14:30	7.4	14.2	721	13	
9.0	14:35	7.4	14.2	721	6.8	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-2**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	15:20
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	9.94	ft-TOC
Total Well Depth:	43.00	ft-TOC
Height of Water Column:	33.06	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	5.4	gal
3 * Well Volume	16.2	gal
5 * Well Volume	27.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 15:00 **End Time:** 15:15

Total Volume Purged: 12.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
4.0	15:05	7.9	14.5	705	1.7	
8.0	15:10	7.9	15.4	710	1.3	
12.0	15:15	7.9	15.5	705	0.65	

Sample Method: Peristaltic Pump **Sample Time:** 15:20

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-3**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	13:10
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	5.10	ft-TOC
Total Well Depth:	53.00	ft-TOC
Height of Water Column:	47.90	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	7.8	gal
3 * Well Volume	23.5	gal
5 * Well Volume	39.1	gal

Well Purging Information

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

Total Volume Purged: 15.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
5.0	12:55	7.7	13.7	642	6.6	
10.0	13:00	7.7	14.9	628	4.4	
15.0	13:05	7.7	15.1	629	4.3	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-4**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	13:45
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	6.18	ft-TOC
Total Well Depth:	53.00	ft-TOC
Height of Water Column:	46.82	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	7.6	gal
3 * Well Volume	22.9	gal
5 * Well Volume	38.2	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:25 **End Time:** 13:40

Total Volume Purged: 12.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
4.0	13:30	7.8	13.8	489	12	
8.0	13:35	7.9	14.6	488	12	
12.0	13:40	7.9	14.7	481	6.4	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-5**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	10:20
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	5.98	ft-TOC
Total Well Depth:	48.00	ft-TOC
Height of Water Column:	42.02	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	6.9	gal
3 * Well Volume	20.6	gal
5 * Well Volume	34.3	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:00 **End Time:** 10:20

Total Volume Purged: 12.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
4.0	10:05	7.4	13.6	505	2.8	
8.0	10:10	7.3	14.8	481	2.9	
12.0	10:15	7.3	14.9	472	5.6	

Sample Method: Peristaltic Pump **Sample Time:** 10:20

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes: DUP collected here

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-6**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	11:20
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.89	ft-TOC
Total Well Depth:	16.00	ft-TOC
Height of Water Column:	11.11	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.8	gal
3 * Well Volume	5.4	gal
5 * Well Volume	9.1	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:00 **End Time:** 11:15

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
1.5	11:05	7.1	14	321	23	
3.0	11:10	7.1	14.3	309	18	
4.5	11:15	7.1	14.4	307	18	

Sample Method: Peristaltic Pump **Sample Time:** 11:20

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-7**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	11:55
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	2.97	ft-TOC
Total Well Depth:	33.00	ft-TOC
Height of Water Column:	30.03	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.9	gal
3 * Well Volume	14.7	gal
5 * Well Volume	24.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:35 **End Time:** 11:50

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
1.5	11:40	7.6	12.7	708	11	
3.0	11:45	7.5	13.7	728	3.7	
4.5	11:50	7.5	13.8	719	2.9	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-8**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	12:35
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.92	ft-TOC
Total Well Depth:	18.00	ft-TOC
Height of Water Column:	13.08	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.1	gal
3 * Well Volume	6.4	gal
5 * Well Volume	10.7	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:15 **End Time:** 12:30

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
2.0	12:20	7.2	12.7	896	5.1	
4.0	12:25	7.2	12.8	898	5.8	
6.0	12:30	7.2	12.9	895	5.5	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East Durham		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	February 3, 2026
Source Well:	**MW-9**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	February 3, 2026
Sampled By:	C. Faircloth, R. Moore	Sample Time:	16:05
Weather:	Overcast	Air Temp:	35 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	2/3/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	2/3/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.90	ft-TOC
Total Well Depth:	22.00	ft-TOC
Height of Water Column:	17.10	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.8	gal
3 * Well Volume	8.4	gal
5 * Well Volume	14.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 15:40 **End Time:** 16:00

Total Volume Purged: 8.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
2.0	15:45	7.9	13.9	502	9.0	
4.0	15:50	7.9	14.1	498	28	
6.0	15:55	8.0	14.1	495	34	
8.0	16:00	8.0	14.1	495	23	

Sample Method: Peristaltic Pump **Sample Time:** 16:05

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None				
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		3/17/2026

Notes:

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

Environmental Field Report	
Date: January 28, 2026	**Job Number:** 23050630 Ph. 821
Project Name: City of Durham-East Durham Park Sed. & Surface Water Sampling	**Weather/Temperature:** Partly Cloudy, 35°F
Project Location: 2500 E. Main St. Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** James Waters Brandon Governo

Equipment Used
Sampling Pole-Tools/Decon
Multipurpose Meter
Turbidimeter

Purpose: Collect sediment and surface water samples.

0930- Arrive at the East Durham Park site. Health and safety review.

1000- Calibration of the multipurpose meter (Oakton PCTS) and the turbidimeter (MicroTPW 20000-201607359).

pH: 4.00=4.00, 7.00=7.00, 10.00=10.00 / Cond. uS/cm: 1413=1413

Turbidity: 0.02=0.02, 10.0=10.0, 1000=1000

1025- Set out to collect the sediment and surface water samples at the designated locations. See the table below for sampling times, data, and information.

Sampling Time	Sediment ID	Surface Water ID	pH	Conductivity (us/cm)	Temperature (°C)	Turbidity (NTU)	Relative Flow
1100	SED-1	SW-1	9.34	170.2	3.4	3.50	Low
1145	SED-2	SW-2	8.39	558	2.7	7.08	Low
1230	SED-3	SW-3	9.43	517	2.3	2.22	Low
1315	SED-4	SW-4	9.58	501	1.5	1.97	Low
1400	SED-5	SW-5	9.48	515	1.8	1.43	Low
1445	SED-6	SW-6	8.98	517	1.0	1.75	Low
1530	SED-7	SW-7	9.58	636	1.4	1.04	Low

*SED-Dup/SW-Dup are collected at SED-4/SW-4.

1545- Finished sampling for the day. Loaded up the work trucks.

1600- Left the site for the day.

Attachments:
None

Hours	Mileage	Signature of S&ME Personnel
6.5 onsite	60	

Appendix III – Laboratory Analytical Reports and Chains of Custody

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/24/2026 2:22:48 PM Revision 1

JOB DESCRIPTION

Durham Parks, East Durham (821)

JOB NUMBER

650-4776-1

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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Revision 1

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

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.

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
650-4776-1

REVISION

The report being provided is a revision of the original report sent on 2/22/2026. The report (revision 1) is being revised due to The level 2 report has been revised to include a revised chain of custody supplied by the client via email on 2/23/26. It was revised to correct the canister ID for the 5th sample listed on the chain of custody. No data has changed..

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

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

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

Receipt Exceptions
A revised Chain of Custody (COC) was provided by the client on 2/24/26.

Samples arrived at the laboratory in two shipments on 1/29/26 and 1/30/26. The Chain of Custody (COC) was provided with samples 821-LFGP-9, 821-LFGP-5, 821-LFGP-DUP, 821-LFGP-6 and 821-LFGP-7 which were received by the laboratory on 1/29/26. The remaining samples 821-LFGP-4 (650-4776-2), 821-LFGP-2 (650-4776-3), 821-LFGP-3 (650-4776-4), 821-LFGP-1 (650-4776-5) and 821-LFGP-8 (650-4776-10) subsequently arrived at the laboratory on 1/30/26.

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

Air - GC VOA
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: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-9 — Lab Sample ID: 650-4776-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.1	J	8.9	3.0	ug/m3	1.516		TO-15	Total/NA
Acetone	12	J	18	6.0	ug/m3	1.516		TO-15	Total/NA
Ethanol	8.7	J	14	4.8	ug/m3	1.516		TO-15	Total/NA
Freon 12	2.1	J	3.7	1.3	ug/m3	1.516		TO-15	Total/NA
Toluene	7.3		5.7	1.9	ug/m3	1.516		TO-15	Total/NA
Methane	0.00021		0.00015	0.000050	% v/v	1.516		D1946	Total/NA

Client Sample ID: 821-LFGP-4 — Lab Sample ID: 650-4776-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.2	J	12	4.0	ug/m3	2.008		TO-15	Total/NA
Acetone	14	J	24	8.0	ug/m3	2.008		TO-15	Total/NA
Ethanol	17	J	19	6.3	ug/m3	2.008		TO-15	Total/NA
Toluene	8.3		7.6	2.5	ug/m3	2.008		TO-15	Total/NA
Methane	0.0013		0.00020	0.000066	% v/v	2.008		D1946	Total/NA

Client Sample ID: 821-LFGP-2 — Lab Sample ID: 650-4776-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.2	J	8.9	3.0	ug/m3	1.516		TO-15	Total/NA
Acetone	8.3	J	18	6.0	ug/m3	1.516		TO-15	Total/NA
Freon 12	2.1	J	3.7	1.3	ug/m3	1.516		TO-15	Total/NA
Toluene	5.0	J	5.7	1.9	ug/m3	1.516		TO-15	Total/NA
Methane	0.00021		0.00015	0.000050	% v/v	1.516		D1946	Total/NA

Client Sample ID: 821-LFGP-3 — Lab Sample ID: 650-4776-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.7	J	9.4	3.1	ug/m3	1.587		TO-15	Total/NA
Acetone	8.9	J	19	6.3	ug/m3	1.587		TO-15	Total/NA
Freon 12	2.1	J	3.9	1.3	ug/m3	1.587		TO-15	Total/NA
Toluene	8.9		6.0	2.0	ug/m3	1.587		TO-15	Total/NA
Methane	0.00021		0.00016	0.000052	% v/v	1.587		D1946	Total/NA

Client Sample ID: 821-LFGP-1 — Lab Sample ID: 650-4776-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	11		8.7	2.9	ug/m3	1.469		TO-15	Total/NA
2-Propanol	7.4		7.2	2.4	ug/m3	1.469		TO-15	Total/NA
Acetone	96		17	5.8	ug/m3	1.469		TO-15	Total/NA
Ethanol	11	J	14	4.6	ug/m3	1.469		TO-15	Total/NA
Ethylbenzene	1.2	J	3.2	1.1	ug/m3	1.469		TO-15	Total/NA
Freon 12	2.2	J	3.6	1.2	ug/m3	1.469		TO-15	Total/NA
m,p-Xylene	3.9	J	6.4	2.1	ug/m3	1.469		TO-15	Total/NA
o-Xylene	1.5	J	3.2	1.1	ug/m3	1.469		TO-15	Total/NA
Toluene	11		5.5	1.8	ug/m3	1.469		TO-15	Total/NA
Methane	0.00021		0.00015	0.000048	% v/v	1.469		D1946	Total/NA

Client Sample ID: 821-LFGP-5 — Lab Sample ID: 650-4776-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.5	J	9.0	3.0	ug/m3	1.523		TO-15	Total/NA
2-Propanol	2.5	J	7.5	2.5	ug/m3	1.523		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 821-LFGP-5 (Continued) — Lab Sample ID: 650-4776-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.5	J	18	6.0	ug/m3	1.523		TO-15	Total/NA
Ethanol	8.8	J	14	4.8	ug/m3	1.523		TO-15	Total/NA
Freon 12	1.8	J	3.8	1.3	ug/m3	1.523		TO-15	Total/NA
Tetrachloroethene	2.8	J	5.2	1.8	ug/m3	1.523		TO-15	Total/NA
Toluene	5.4	J	5.7	1.9	ug/m3	1.523		TO-15	Total/NA

Client Sample ID: 821-LFGP-DUP — Lab Sample ID: 650-4776-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.3	J	8.3	2.8	ug/m3	1.407		TO-15	Total/NA
2-Propanol	5.7	J	6.9	2.3	ug/m3	1.407		TO-15	Total/NA
Acetone	14	J	17	5.6	ug/m3	1.407		TO-15	Total/NA
Ethanol	17		13	4.4	ug/m3	1.407		TO-15	Total/NA
Freon 12	1.8	J	3.5	1.2	ug/m3	1.407		TO-15	Total/NA
Tetrachloroethene	2.5	J	4.8	1.6	ug/m3	1.407		TO-15	Total/NA
Toluene	7.4		5.3	1.7	ug/m3	1.407		TO-15	Total/NA

Client Sample ID: 821-LFGP-6 — Lab Sample ID: 650-4776-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.7	J	8.6	2.9	ug/m3	1.456		TO-15	Total/NA
2-Propanol	4.8	J	7.2	2.4	ug/m3	1.456		TO-15	Total/NA
Acetone	8.4	J	17	5.8	ug/m3	1.456		TO-15	Total/NA
Ethanol	5.6	J	14	4.6	ug/m3	1.456		TO-15	Total/NA
Freon 12	1.7	J	3.6	1.2	ug/m3	1.456		TO-15	Total/NA
Tetrachloroethene	3.7	J	4.9	1.7	ug/m3	1.456		TO-15	Total/NA
Toluene	6.3		5.5	1.8	ug/m3	1.456		TO-15	Total/NA

Client Sample ID: 821-LFGP-7 — Lab Sample ID: 650-4776-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12	J	13	4.3	ug/m3	2.184		TO-15	Total/NA
Acetone	24	J	26	8.7	ug/m3	2.184		TO-15	Total/NA
Ethanol	8.9	J	21	6.9	ug/m3	2.184		TO-15	Total/NA
Freon 12	2.2	J	5.4	1.8	ug/m3	2.184		TO-15	Total/NA
Toluene	13		8.2	2.7	ug/m3	2.184		TO-15	Total/NA

Client Sample ID: 821-LFGP-8 — Lab Sample ID: 650-4776-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J	24	8.1	ug/m3	2.049		TO-15	Total/NA
Ethanol	15	J	19	6.4	ug/m3	2.049		TO-15	Total/NA
Freon 12	2.4	J	5.1	1.7	ug/m3	2.049		TO-15	Total/NA
Toluene	8.1		7.7	2.5	ug/m3	2.049		TO-15	Total/NA
Methane	0.0025		0.00020	0.000068	% v/v	2.049		D1946	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-9
Lab Sample ID: 650-4776-1

Date Collected: 01/23/26 11:28
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	1.4	ug/m3			02/11/26 17:00	1.516
1,1,2,2-Tetrachloroethane	ND		5.2	1.8	ug/m3			02/11/26 17:00	1.516
1,1,2-Trichloroethane	ND		4.1	1.4	ug/m3			02/11/26 17:00	1.516
1,1-Dichloroethane	ND		3.1	1.0	ug/m3			02/11/26 17:00	1.516
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 17:00	1.516
1,2,4-Trichlorobenzene	ND		23	7.5	ug/m3			02/11/26 17:00	1.516
1,2,4-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 17:00	1.516
1,2-Dibromoethane (EDB)	ND		5.8	2.0	ug/m3			02/11/26 17:00	1.516
1,2-Dichlorobenzene	ND		4.6	1.5	ug/m3			02/11/26 17:00	1.516
1,2-Dichloroethane	ND		3.1	1.0	ug/m3			02/11/26 17:00	1.516
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			02/11/26 17:00	1.516
1,3,5-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 17:00	1.516
1,3-Butadiene	ND		1.7	0.57	ug/m3			02/11/26 17:00	1.516
1,3-Dichlorobenzene	ND		4.6	1.5	ug/m3			02/11/26 17:00	1.516
1,4-Dichlorobenzene	ND		4.6	1.5	ug/m3			02/11/26 17:00	1.516
1,4-Dioxane	ND		5.5	1.8	ug/m3			02/11/26 17:00	1.516
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			02/11/26 17:00	1.516
2-Butanone (MEK)	**6.1**	**J**	8.9	3.0	ug/m3			02/11/26 17:00	1.516
2-Hexanone	ND		12	4.2	ug/m3			02/11/26 17:00	1.516
2-Propanol	ND		7.5	2.5	ug/m3			02/11/26 17:00	1.516
3-Chloropropene	ND		2.4	0.81	ug/m3			02/11/26 17:00	1.516
4-Ethyltoluene	ND		3.7	1.3	ug/m3			02/11/26 17:00	1.516
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			02/11/26 17:00	1.516
Acetone	**12**	**J**	18	6.0	ug/m3			02/11/26 17:00	1.516
alpha-Chlorotoluene	ND		3.9	1.3	ug/m3			02/11/26 17:00	1.516
Benzene	ND		2.4	0.82	ug/m3			02/11/26 17:00	1.516
Bromodichloromethane	ND		5.1	1.7	ug/m3			02/11/26 17:00	1.516
Bromoform	ND		7.8	2.7	ug/m3			02/11/26 17:00	1.516
Bromomethane	ND		5.9	1.9	ug/m3			02/11/26 17:00	1.516
Carbon disulfide	ND		9.4	3.2	ug/m3			02/11/26 17:00	1.516
Carbon tetrachloride	ND		4.8	1.6	ug/m3			02/11/26 17:00	1.516
Chlorobenzene	ND		3.5	1.2	ug/m3			02/11/26 17:00	1.516
Chloroethane	ND		8.0	2.7	ug/m3			02/11/26 17:00	1.516
Chloroform	ND		3.7	1.3	ug/m3			02/11/26 17:00	1.516
Chloromethane	ND		16	5.2	ug/m3			02/11/26 17:00	1.516
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 17:00	1.516
cis-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			02/11/26 17:00	1.516
Cumene	ND		3.7	1.3	ug/m3			02/11/26 17:00	1.516
Cyclohexane	ND		2.6	0.89	ug/m3			02/11/26 17:00	1.516
Dibromochloromethane	ND		6.5	2.2	ug/m3			02/11/26 17:00	1.516
Ethanol	**8.7**	**J**	14	4.8	ug/m3			02/11/26 17:00	1.516
Ethylbenzene	ND		3.3	1.1	ug/m3			02/11/26 17:00	1.516
Freon 11	ND		4.3	1.4	ug/m3			02/11/26 17:00	1.516
Freon 113	ND		5.8	2.0	ug/m3			02/11/26 17:00	1.516
Freon 12	**2.1**	**J**	3.7	1.3	ug/m3			02/11/26 17:00	1.516
Freon-114	ND		5.3	1.8	ug/m3			02/11/26 17:00	1.516
Heptane	ND		3.1	1.1	ug/m3			02/11/26 17:00	1.516
Hexachlorobutadiene	ND		32	11	ug/m3			02/11/26 17:00	1.516

Client Sample ID: 821-LFGP-9
Lab Sample ID: 650-4776-1

Date Collected: 01/23/26 11:28
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		2.7	0.91	ug/m3			02/11/26 17:00	1.516
m,p-Xylene	ND		6.6	2.2	ug/m3			02/11/26 17:00	1.516
Methyl tert-butyl ether	ND		11	3.7	ug/m3			02/11/26 17:00	1.516
Methylene Chloride	ND		5.3	1.7	ug/m3			02/11/26 17:00	1.516
Naphthalene	ND		7.9	1.4	ug/m3			02/11/26 17:00	1.516
o-Xylene	ND		3.3	1.1	ug/m3			02/11/26 17:00	1.516
Propylbenzene	ND		3.7	1.3	ug/m3			02/11/26 17:00	1.516
Styrene	ND		3.2	1.1	ug/m3			02/11/26 17:00	1.516
Tetrachloroethene	ND		5.1	1.7	ug/m3			02/11/26 17:00	1.516
Tetrahydrofuran	ND		2.2	0.76	ug/m3			02/11/26 17:00	1.516
Toluene	**7.3**		5.7	1.9	ug/m3			02/11/26 17:00	1.516
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 17:00	1.516
trans-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			02/11/26 17:00	1.516
Trichloroethene	ND		4.1	1.4	ug/m3			02/11/26 17:00	1.516
Vinyl chloride	ND		1.9	0.66	ug/m3			02/11/26 17:00	1.516

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*02/11/26 17:00*	*1.516*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/11/26 17:00*	*1.516*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/11/26 17:00*	*1.516*

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**		0.00015	0.000050	% v/v			02/14/26 17:25	1.516

Client Sample ID: 821-LFGP-4
Lab Sample ID: 650-4776-2

Date Collected: 01/23/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	1.9	ug/m3			02/11/26 17:28	2.008
1,1,2,2-Tetrachloroethane	ND		6.9	2.3	ug/m3			02/11/26 17:28	2.008
1,1,2-Trichloroethane	ND		5.5	1.9	ug/m3			02/11/26 17:28	2.008
1,1-Dichloroethane	ND		4.1	1.4	ug/m3			02/11/26 17:28	2.008
1,1-Dichloroethene	ND		4.0	1.4	ug/m3			02/11/26 17:28	2.008
1,2,4-Trichlorobenzene	ND		30	10	ug/m3			02/11/26 17:28	2.008
1,2,4-Trimethylbenzene	ND		4.9	1.7	ug/m3			02/11/26 17:28	2.008
1,2-Dibromoethane (EDB)	ND		7.7	2.6	ug/m3			02/11/26 17:28	2.008
1,2-Dichlorobenzene	ND		6.0	2.1	ug/m3			02/11/26 17:28	2.008
1,2-Dichloroethane	ND		4.1	1.4	ug/m3			02/11/26 17:28	2.008
1,2-Dichloropropane	ND		4.6	1.6	ug/m3			02/11/26 17:28	2.008
1,3,5-Trimethylbenzene	ND		4.9	1.7	ug/m3			02/11/26 17:28	2.008
1,3-Butadiene	ND		2.2	0.76	ug/m3			02/11/26 17:28	2.008
1,3-Dichlorobenzene	ND		6.0	2.1	ug/m3			02/11/26 17:28	2.008
1,4-Dichlorobenzene	ND		6.0	2.1	ug/m3			02/11/26 17:28	2.008
1,4-Dioxane	ND		7.2	2.4	ug/m3			02/11/26 17:28	2.008
2,2,4-Trimethylpentane	ND		4.7	1.6	ug/m3			02/11/26 17:28	2.008

Client Sample ID: 821-LFGP-4
Lab Sample ID: 650-4776-2
Date Collected: 01/23/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	**6.2**	**J**	12	4.0	ug/m3			02/11/26 17:28	2.008
2-Hexanone	ND		16	5.5	ug/m3			02/11/26 17:28	2.008
2-Propanol	ND		9.9	3.3	ug/m3			02/11/26 17:28	2.008
3-Chloropropene	ND		3.1	1.1	ug/m3			02/11/26 17:28	2.008
4-Ethyltoluene	ND		4.9	1.7	ug/m3			02/11/26 17:28	2.008
4-Methyl-2-pentanone (MIBK)	ND		4.1	1.4	ug/m3			02/11/26 17:28	2.008
Acetone	**14**	**J**	24	8.0	ug/m3			02/11/26 17:28	2.008
alpha-Chlorotoluene	ND		5.2	1.8	ug/m3			02/11/26 17:28	2.008
Benzene	ND		3.2	1.1	ug/m3			02/11/26 17:28	2.008
Bromodichloromethane	ND		6.7	2.3	ug/m3			02/11/26 17:28	2.008
Bromoform	ND		10	3.5	ug/m3			02/11/26 17:28	2.008
Bromomethane	ND		7.8	2.6	ug/m3			02/11/26 17:28	2.008
Carbon disulfide	ND		13	4.2	ug/m3			02/11/26 17:28	2.008
Carbon tetrachloride	ND		6.3	2.1	ug/m3			02/11/26 17:28	2.008
Chlorobenzene	ND		4.6	1.6	ug/m3			02/11/26 17:28	2.008
Chloroethane	ND		11	3.6	ug/m3			02/11/26 17:28	2.008
Chloroform	ND		4.9	1.7	ug/m3			02/11/26 17:28	2.008
Chloromethane	ND		21	6.9	ug/m3			02/11/26 17:28	2.008
cis-1,2-Dichloroethene	ND		4.0	1.4	ug/m3			02/11/26 17:28	2.008
cis-1,3-Dichloropropene	ND		4.6	1.5	ug/m3			02/11/26 17:28	2.008
Cumene	ND		4.9	1.7	ug/m3			02/11/26 17:28	2.008
Cyclohexane	ND		3.5	1.2	ug/m3			02/11/26 17:28	2.008
Dibromochloromethane	ND		8.6	2.9	ug/m3			02/11/26 17:28	2.008
Ethanol	**17**	**J**	19	6.3	ug/m3			02/11/26 17:28	2.008
Ethylbenzene	ND		4.4	1.5	ug/m3			02/11/26 17:28	2.008
Freon 11	ND		5.6	1.9	ug/m3			02/11/26 17:28	2.008
Freon 113	ND		7.7	2.6	ug/m3			02/11/26 17:28	2.008
Freon 12	ND		5.0	1.7	ug/m3			02/11/26 17:28	2.008
Freon-114	ND		7.0	2.4	ug/m3			02/11/26 17:28	2.008
Heptane	ND		4.1	1.4	ug/m3			02/11/26 17:28	2.008
Hexachlorobutadiene	ND		43	14	ug/m3			02/11/26 17:28	2.008
Hexane	ND		3.5	1.2	ug/m3			02/11/26 17:28	2.008
m,p-Xylene	ND		8.7	2.9	ug/m3			02/11/26 17:28	2.008
Methyl tert-butyl ether	ND		14	4.9	ug/m3			02/11/26 17:28	2.008
Methylene Chloride	ND		7.0	2.3	ug/m3			02/11/26 17:28	2.008
Naphthalene	ND		11	1.8	ug/m3			02/11/26 17:28	2.008
o-Xylene	ND		4.4	1.5	ug/m3			02/11/26 17:28	2.008
Propylbenzene	ND		4.9	1.7	ug/m3			02/11/26 17:28	2.008
Styrene	ND		4.3	1.5	ug/m3			02/11/26 17:28	2.008
Tetrachloroethene	ND		6.8	2.3	ug/m3			02/11/26 17:28	2.008
Tetrahydrofuran	ND		3.0	1.0	ug/m3			02/11/26 17:28	2.008
Toluene	**8.3**		7.6	2.5	ug/m3			02/11/26 17:28	2.008
trans-1,2-Dichloroethene	ND		4.0	1.4	ug/m3			02/11/26 17:28	2.008
trans-1,3-Dichloropropene	ND		4.6	1.5	ug/m3			02/11/26 17:28	2.008
Trichloroethene	ND		5.4	1.8	ug/m3			02/11/26 17:28	2.008
Vinyl chloride	ND		2.6	0.87	ug/m3			02/11/26 17:28	2.008

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*02/11/26 17:28*	*2.008*

Client Sample ID: 821-LFGP-4
Lab Sample ID: 650-4776-2

Date Collected: 01/23/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/11/26 17:28*	*2.008*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/11/26 17:28*	*2.008*

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	**0.0013**		0.00020	0.000066	% v/v			02/14/26 17:50	2.008

Client Sample ID: 821-LFGP-2
Lab Sample ID: 650-4776-3

Date Collected: 01/23/26 11:49
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	1.4	ug/m3			02/11/26 17:55	1.516
1,1,2,2-Tetrachloroethane	ND		5.2	1.8	ug/m3			02/11/26 17:55	1.516
1,1,2-Trichloroethane	ND		4.1	1.4	ug/m3			02/11/26 17:55	1.516
1,1-Dichloroethane	ND		3.1	1.0	ug/m3			02/11/26 17:55	1.516
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 17:55	1.516
1,2,4-Trichlorobenzene	ND		23	7.5	ug/m3			02/11/26 17:55	1.516
1,2,4-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 17:55	1.516
1,2-Dibromoethane (EDB)	ND		5.8	2.0	ug/m3			02/11/26 17:55	1.516
1,2-Dichlorobenzene	ND		4.6	1.5	ug/m3			02/11/26 17:55	1.516
1,2-Dichloroethane	ND		3.1	1.0	ug/m3			02/11/26 17:55	1.516
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			02/11/26 17:55	1.516
1,3,5-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 17:55	1.516
1,3-Butadiene	ND		1.7	0.57	ug/m3			02/11/26 17:55	1.516
1,3-Dichlorobenzene	ND		4.6	1.5	ug/m3			02/11/26 17:55	1.516
1,4-Dichlorobenzene	ND		4.6	1.5	ug/m3			02/11/26 17:55	1.516
1,4-Dioxane	ND		5.5	1.8	ug/m3			02/11/26 17:55	1.516
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			02/11/26 17:55	1.516
2-Butanone (MEK)	**4.2**	**J**	8.9	3.0	ug/m3			02/11/26 17:55	1.516
2-Hexanone	ND		12	4.2	ug/m3			02/11/26 17:55	1.516
2-Propanol	ND		7.5	2.5	ug/m3			02/11/26 17:55	1.516
3-Chloropropene	ND		2.4	0.81	ug/m3			02/11/26 17:55	1.516
4-Ethyltoluene	ND		3.7	1.3	ug/m3			02/11/26 17:55	1.516
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			02/11/26 17:55	1.516
Acetone	**8.3**	**J**	18	6.0	ug/m3			02/11/26 17:55	1.516
alpha-Chlorotoluene	ND		3.9	1.3	ug/m3			02/11/26 17:55	1.516
Benzene	ND		2.4	0.82	ug/m3			02/11/26 17:55	1.516
Bromodichloromethane	ND		5.1	1.7	ug/m3			02/11/26 17:55	1.516
Bromoform	ND		7.8	2.7	ug/m3			02/11/26 17:55	1.516
Bromomethane	ND		5.9	1.9	ug/m3			02/11/26 17:55	1.516
Carbon disulfide	ND		9.4	3.2	ug/m3			02/11/26 17:55	1.516
Carbon tetrachloride	ND		4.8	1.6	ug/m3			02/11/26 17:55	1.516
Chlorobenzene	ND		3.5	1.2	ug/m3			02/11/26 17:55	1.516
Chloroethane	ND		8.0	2.7	ug/m3			02/11/26 17:55	1.516
Chloroform	ND		3.7	1.3	ug/m3			02/11/26 17:55	1.516
Chloromethane	ND		16	5.2	ug/m3			02/11/26 17:55	1.516

Client Sample ID: 821-LFGP-2
Lab Sample ID: 650-4776-3
Date Collected: 01/23/26 11:49
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 17:55	1.516
cis-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			02/11/26 17:55	1.516
Cumene	ND		3.7	1.3	ug/m3			02/11/26 17:55	1.516
Cyclohexane	ND		2.6	0.89	ug/m3			02/11/26 17:55	1.516
Dibromochloromethane	ND		6.5	2.2	ug/m3			02/11/26 17:55	1.516
Ethanol	ND		14	4.8	ug/m3			02/11/26 17:55	1.516
Ethylbenzene	ND		3.3	1.1	ug/m3			02/11/26 17:55	1.516
Freon 11	ND		4.3	1.4	ug/m3			02/11/26 17:55	1.516
Freon 113	ND		5.8	2.0	ug/m3			02/11/26 17:55	1.516
Freon 12	**2.1**	**J**	3.7	1.3	ug/m3			02/11/26 17:55	1.516
Freon-114	ND		5.3	1.8	ug/m3			02/11/26 17:55	1.516
Heptane	ND		3.1	1.1	ug/m3			02/11/26 17:55	1.516
Hexachlorobutadiene	ND		32	11	ug/m3			02/11/26 17:55	1.516
Hexane	ND		2.7	0.91	ug/m3			02/11/26 17:55	1.516
m,p-Xylene	ND		6.6	2.2	ug/m3			02/11/26 17:55	1.516
Methyl tert-butyl ether	ND		11	3.7	ug/m3			02/11/26 17:55	1.516
Methylene Chloride	ND		5.3	1.7	ug/m3			02/11/26 17:55	1.516
Naphthalene	ND		7.9	1.4	ug/m3			02/11/26 17:55	1.516
o-Xylene	ND		3.3	1.1	ug/m3			02/11/26 17:55	1.516
Propylbenzene	ND		3.7	1.3	ug/m3			02/11/26 17:55	1.516
Styrene	ND		3.2	1.1	ug/m3			02/11/26 17:55	1.516
Tetrachloroethene	ND		5.1	1.7	ug/m3			02/11/26 17:55	1.516
Tetrahydrofuran	ND		2.2	0.76	ug/m3			02/11/26 17:55	1.516
Toluene	**5.0**	**J**	5.7	1.9	ug/m3			02/11/26 17:55	1.516
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 17:55	1.516
trans-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			02/11/26 17:55	1.516
Trichloroethene	ND		4.1	1.4	ug/m3			02/11/26 17:55	1.516
Vinyl chloride	ND		1.9	0.66	ug/m3			02/11/26 17:55	1.516

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*02/11/26 17:55*	*1.516*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/11/26 17:55*	*1.516*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/11/26 17:55*	*1.516*

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**		0.00015	0.000050	% v/v			02/14/26 18:14	1.516

Client Sample ID: 821-LFGP-3
Lab Sample ID: 650-4776-4
Date Collected: 01/23/26 11:37
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	1.5	ug/m3			02/11/26 18:23	1.587
1,1,2,2-Tetrachloroethane	ND		5.4	1.9	ug/m3			02/11/26 18:23	1.587
1,1,2-Trichloroethane	ND		4.3	1.5	ug/m3			02/11/26 18:23	1.587
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			02/11/26 18:23	1.587

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-3
Lab Sample ID: 650-4776-4
Date Collected: 01/23/26 11:37
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		3.1	1.1	ug/m3			02/11/26 18:23	1.587
1,2,4-Trichlorobenzene	ND		24	7.9	ug/m3			02/11/26 18:23	1.587
1,2,4-Trimethylbenzene	ND		3.9	1.3	ug/m3			02/11/26 18:23	1.587
1,2-Dibromoethane (EDB)	ND		6.1	2.1	ug/m3			02/11/26 18:23	1.587
1,2-Dichlorobenzene	ND		4.8	1.6	ug/m3			02/11/26 18:23	1.587
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			02/11/26 18:23	1.587
1,2-Dichloropropane	ND		3.7	1.2	ug/m3			02/11/26 18:23	1.587
1,3,5-Trimethylbenzene	ND		3.9	1.3	ug/m3			02/11/26 18:23	1.587
1,3-Butadiene	ND		1.8	0.60	ug/m3			02/11/26 18:23	1.587
1,3-Dichlorobenzene	ND		4.8	1.6	ug/m3			02/11/26 18:23	1.587
1,4-Dichlorobenzene	ND		4.8	1.6	ug/m3			02/11/26 18:23	1.587
1,4-Dioxane	ND		5.7	1.9	ug/m3			02/11/26 18:23	1.587
2,2,4-Trimethylpentane	ND		3.7	1.3	ug/m3			02/11/26 18:23	1.587
2-Butanone (MEK)	**4.7**	**J**	9.4	3.1	ug/m3			02/11/26 18:23	1.587
2-Hexanone	ND		13	4.4	ug/m3			02/11/26 18:23	1.587
2-Propanol	ND		7.8	2.6	ug/m3			02/11/26 18:23	1.587
3-Chloropropene	ND		2.5	0.84	ug/m3			02/11/26 18:23	1.587
4-Ethyltoluene	ND		3.9	1.3	ug/m3			02/11/26 18:23	1.587
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.1	ug/m3			02/11/26 18:23	1.587
Acetone	**8.9**	**J**	19	6.3	ug/m3			02/11/26 18:23	1.587
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			02/11/26 18:23	1.587
Benzene	ND		2.5	0.86	ug/m3			02/11/26 18:23	1.587
Bromodichloromethane	ND		5.3	1.8	ug/m3			02/11/26 18:23	1.587
Bromoform	ND		8.2	2.8	ug/m3			02/11/26 18:23	1.587
Bromomethane	ND		6.2	2.0	ug/m3			02/11/26 18:23	1.587
Carbon disulfide	ND		9.9	3.3	ug/m3			02/11/26 18:23	1.587
Carbon tetrachloride	ND		5.0	1.7	ug/m3			02/11/26 18:23	1.587
Chlorobenzene	ND		3.7	1.2	ug/m3			02/11/26 18:23	1.587
Chloroethane	ND		8.4	2.8	ug/m3			02/11/26 18:23	1.587
Chloroform	ND		3.9	1.3	ug/m3			02/11/26 18:23	1.587
Chloromethane	ND		16	5.5	ug/m3			02/11/26 18:23	1.587
cis-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			02/11/26 18:23	1.587
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/11/26 18:23	1.587
Cumene	ND		3.9	1.3	ug/m3			02/11/26 18:23	1.587
Cyclohexane	ND		2.7	0.93	ug/m3			02/11/26 18:23	1.587
Dibromochloromethane	ND		6.8	2.3	ug/m3			02/11/26 18:23	1.587
Ethanol	ND		15	5.0	ug/m3			02/11/26 18:23	1.587
Ethylbenzene	ND		3.4	1.2	ug/m3			02/11/26 18:23	1.587
Freon 11	ND		4.5	1.5	ug/m3			02/11/26 18:23	1.587
Freon 113	ND		6.1	2.1	ug/m3			02/11/26 18:23	1.587
Freon 12	**2.1**	**J**	3.9	1.3	ug/m3			02/11/26 18:23	1.587
Freon-114	ND		5.5	1.9	ug/m3			02/11/26 18:23	1.587
Heptane	ND		3.3	1.1	ug/m3			02/11/26 18:23	1.587
Hexachlorobutadiene	ND		34	11	ug/m3			02/11/26 18:23	1.587
Hexane	ND		2.8	0.95	ug/m3			02/11/26 18:23	1.587
m,p-Xylene	ND		6.9	2.3	ug/m3			02/11/26 18:23	1.587
Methyl tert-butyl ether	ND		11	3.8	ug/m3			02/11/26 18:23	1.587
Methylene Chloride	ND		5.5	1.8	ug/m3			02/11/26 18:23	1.587

Client Sample ID: 821-LFGP-3
Lab Sample ID: 650-4776-4
Date Collected: 01/23/26 11:37
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.3	1.4	ug/m3			02/11/26 18:23	1.587
o-Xylene	ND		3.4	1.2	ug/m3			02/11/26 18:23	1.587
Propylbenzene	ND		3.9	1.3	ug/m3			02/11/26 18:23	1.587
Styrene	ND		3.4	1.1	ug/m3			02/11/26 18:23	1.587
Tetrachloroethene	ND		5.4	1.8	ug/m3			02/11/26 18:23	1.587
Tetrahydrofuran	ND		2.3	0.80	ug/m3			02/11/26 18:23	1.587
Toluene	**8.9**		6.0	2.0	ug/m3			02/11/26 18:23	1.587
trans-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			02/11/26 18:23	1.587
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/11/26 18:23	1.587
Trichloroethene	ND		4.3	1.4	ug/m3			02/11/26 18:23	1.587
Vinyl chloride	ND		2.0	0.69	ug/m3			02/11/26 18:23	1.587

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*02/11/26 18:23*	*1.587*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/11/26 18:23*	*1.587*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/11/26 18:23*	*1.587*

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**		0.00016	0.000052	% v/v			02/14/26 18:38	1.587

Client Sample ID: 821-LFGP-1
Lab Sample ID: 650-4776-5
Date Collected: 01/23/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 18:51	1.469
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			02/11/26 18:51	1.469
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 18:51	1.469
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			02/11/26 18:51	1.469
1,1-Dichloroethene	ND		2.9	0.99	ug/m3			02/11/26 18:51	1.469
1,2,4-Trichlorobenzene	ND		22	7.3	ug/m3			02/11/26 18:51	1.469
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 18:51	1.469
1,2-Dibromoethane (EDB)	ND		5.6	1.9	ug/m3			02/11/26 18:51	1.469
1,2-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 18:51	1.469
1,2-Dichloroethane	ND		3.0	1.0	ug/m3			02/11/26 18:51	1.469
1,2-Dichloropropane	ND		3.4	1.2	ug/m3			02/11/26 18:51	1.469
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 18:51	1.469
1,3-Butadiene	ND		1.6	0.55	ug/m3			02/11/26 18:51	1.469
1,3-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 18:51	1.469
1,4-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 18:51	1.469
1,4-Dioxane	ND		5.3	1.7	ug/m3			02/11/26 18:51	1.469
2,2,4-Trimethylpentane	ND		3.4	1.2	ug/m3			02/11/26 18:51	1.469
2-Butanone (MEK)	**11**		8.7	2.9	ug/m3			02/11/26 18:51	1.469
2-Hexanone	ND		12	4.0	ug/m3			02/11/26 18:51	1.469
2-Propanol	**7.4**		7.2	2.4	ug/m3			02/11/26 18:51	1.469
3-Chloropropene	ND		2.3	0.78	ug/m3			02/11/26 18:51	1.469

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-1
Lab Sample ID: 650-4776-5
Date Collected: 01/23/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		3.6	1.2	ug/m3			02/11/26 18:51	1.469
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			02/11/26 18:51	1.469
Acetone	**96**		17	5.8	ug/m3			02/11/26 18:51	1.469
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			02/11/26 18:51	1.469
Benzene	ND		2.3	0.80	ug/m3			02/11/26 18:51	1.469
Bromodichloromethane	ND		4.9	1.7	ug/m3			02/11/26 18:51	1.469
Bromoform	ND		7.6	2.6	ug/m3			02/11/26 18:51	1.469
Bromomethane	ND		5.7	1.9	ug/m3			02/11/26 18:51	1.469
Carbon disulfide	ND		9.1	3.1	ug/m3			02/11/26 18:51	1.469
Carbon tetrachloride	ND		4.6	1.6	ug/m3			02/11/26 18:51	1.469
Chlorobenzene	ND		3.4	1.1	ug/m3			02/11/26 18:51	1.469
Chloroethane	ND		7.8	2.6	ug/m3			02/11/26 18:51	1.469
Chloroform	ND		3.6	1.2	ug/m3			02/11/26 18:51	1.469
Chloromethane	ND		15	5.1	ug/m3			02/11/26 18:51	1.469
cis-1,2-Dichloroethene	ND		2.9	0.99	ug/m3			02/11/26 18:51	1.469
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/11/26 18:51	1.469
Cumene	ND		3.6	1.2	ug/m3			02/11/26 18:51	1.469
Cyclohexane	ND		2.5	0.86	ug/m3			02/11/26 18:51	1.469
Dibromochloromethane	ND		6.3	2.1	ug/m3			02/11/26 18:51	1.469
Ethanol	**11**	**J**	14	4.6	ug/m3			02/11/26 18:51	1.469
Ethylbenzene	**1.2**	**J**	3.2	1.1	ug/m3			02/11/26 18:51	1.469
Freon 11	ND		4.1	1.4	ug/m3			02/11/26 18:51	1.469
Freon 113	ND		5.6	1.9	ug/m3			02/11/26 18:51	1.469
Freon 12	**2.2**	**J**	3.6	1.2	ug/m3			02/11/26 18:51	1.469
Freon-114	ND		5.1	1.7	ug/m3			02/11/26 18:51	1.469
Heptane	ND		3.0	1.0	ug/m3			02/11/26 18:51	1.469
Hexachlorobutadiene	ND		31	10	ug/m3			02/11/26 18:51	1.469
Hexane	ND		2.6	0.88	ug/m3			02/11/26 18:51	1.469
m,p-Xylene	**3.9**	**J**	6.4	2.1	ug/m3			02/11/26 18:51	1.469
Methyl tert-butyl ether	ND		11	3.5	ug/m3			02/11/26 18:51	1.469
Methylene Chloride	ND		5.1	1.7	ug/m3			02/11/26 18:51	1.469
Naphthalene	ND		7.7	1.3	ug/m3			02/11/26 18:51	1.469
o-Xylene	**1.5**	**J**	3.2	1.1	ug/m3			02/11/26 18:51	1.469
Propylbenzene	ND		3.6	1.2	ug/m3			02/11/26 18:51	1.469
Styrene	ND		3.1	1.1	ug/m3			02/11/26 18:51	1.469
Tetrachloroethene	ND		5.0	1.7	ug/m3			02/11/26 18:51	1.469
Tetrahydrofuran	ND		2.2	0.74	ug/m3			02/11/26 18:51	1.469
Toluene	**11**		5.5	1.8	ug/m3			02/11/26 18:51	1.469
trans-1,2-Dichloroethene	ND		2.9	0.99	ug/m3			02/11/26 18:51	1.469
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/11/26 18:51	1.469
Trichloroethene	ND		3.9	1.3	ug/m3			02/11/26 18:51	1.469
Vinyl chloride	ND		1.9	0.64	ug/m3			02/11/26 18:51	1.469

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/11/26 18:51*	*1.469*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/11/26 18:51*	*1.469*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/11/26 18:51*	*1.469*

Client Sample ID: 821-LFGP-1
Lab Sample ID: 650-4776-5

Date Collected: 01/23/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02
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	**0.00021**		0.00015	0.000048	% v/v			02/14/26 19:03	1.469

Client Sample ID: 821-LFGP-5
Lab Sample ID: 650-4776-6

Date Collected: 01/23/26 11:04
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		4.2	1.4	ug/m3			02/11/26 16:04	1.523
1,1,2,2-Tetrachloroethane	ND		5.2	1.8	ug/m3			02/11/26 16:04	1.523
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			02/11/26 16:04	1.523
1,1-Dichloroethane	ND		3.1	1.0	ug/m3			02/11/26 16:04	1.523
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 16:04	1.523
1,2,4-Trichlorobenzene	ND		23	7.6	ug/m3			02/11/26 16:04	1.523
1,2,4-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 16:04	1.523
1,2-Dibromoethane (EDB)	ND		5.9	2.0	ug/m3			02/11/26 16:04	1.523
1,2-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/11/26 16:04	1.523
1,2-Dichloroethane	ND		3.1	1.0	ug/m3			02/11/26 16:04	1.523
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			02/11/26 16:04	1.523
1,3,5-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 16:04	1.523
1,3-Butadiene	ND		1.7	0.57	ug/m3			02/11/26 16:04	1.523
1,3-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/11/26 16:04	1.523
1,4-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/11/26 16:04	1.523
1,4-Dioxane	ND		5.5	1.8	ug/m3			02/11/26 16:04	1.523
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			02/11/26 16:04	1.523
2-Butanone (MEK)	**3.5**	**J**	9.0	3.0	ug/m3			02/11/26 16:04	1.523
2-Hexanone	ND		12	4.2	ug/m3			02/11/26 16:04	1.523
2-Propanol	**2.5**	**J**	7.5	2.5	ug/m3			02/11/26 16:04	1.523
3-Chloropropene	ND		2.4	0.81	ug/m3			02/11/26 16:04	1.523
4-Ethyltoluene	ND		3.7	1.3	ug/m3			02/11/26 16:04	1.523
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			02/11/26 16:04	1.523
Acetone	**6.5**	**J**	18	6.0	ug/m3			02/11/26 16:04	1.523
alpha-Chlorotoluene	ND		3.9	1.3	ug/m3			02/11/26 16:04	1.523
Benzene	ND		2.4	0.83	ug/m3			02/11/26 16:04	1.523
Bromodichloromethane	ND		5.1	1.7	ug/m3			02/11/26 16:04	1.523
Bromoform	ND		7.9	2.7	ug/m3			02/11/26 16:04	1.523
Bromomethane	ND		5.9	2.0	ug/m3			02/11/26 16:04	1.523
Carbon disulfide	ND		9.5	3.2	ug/m3			02/11/26 16:04	1.523
Carbon tetrachloride	ND		4.8	1.6	ug/m3			02/11/26 16:04	1.523
Chlorobenzene	ND		3.5	1.2	ug/m3			02/11/26 16:04	1.523
Chloroethane	ND		8.0	2.7	ug/m3			02/11/26 16:04	1.523
Chloroform	ND		3.7	1.3	ug/m3			02/11/26 16:04	1.523
Chloromethane	ND		16	5.3	ug/m3			02/11/26 16:04	1.523
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 16:04	1.523
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			02/11/26 16:04	1.523
Cumene	ND		3.7	1.3	ug/m3			02/11/26 16:04	1.523
Cyclohexane	ND		2.6	0.89	ug/m3			02/11/26 16:04	1.523
Dibromochloromethane	ND		6.5	2.2	ug/m3			02/11/26 16:04	1.523

Client Sample ID: 821-LFGP-5
Lab Sample ID: 650-4776-6
Date Collected: 01/23/26 11:04
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	**8.8**	**J**	14	4.8	ug/m3			02/11/26 16:04	1.523
Ethylbenzene	ND		3.3	1.1	ug/m3			02/11/26 16:04	1.523
Freon 11	ND		4.3	1.5	ug/m3			02/11/26 16:04	1.523
Freon 113	ND		5.8	2.0	ug/m3			02/11/26 16:04	1.523
Freon 12	**1.8**	**J**	3.8	1.3	ug/m3			02/11/26 16:04	1.523
Freon-114	ND		5.3	1.8	ug/m3			02/11/26 16:04	1.523
Heptane	ND		3.1	1.1	ug/m3			02/11/26 16:04	1.523
Hexachlorobutadiene	ND		32	11	ug/m3			02/11/26 16:04	1.523
Hexane	ND		2.7	0.91	ug/m3			02/11/26 16:04	1.523
m,p-Xylene	ND		6.6	2.2	ug/m3			02/11/26 16:04	1.523
Methyl tert-butyl ether	ND		11	3.7	ug/m3			02/11/26 16:04	1.523
Methylene Chloride	ND		5.3	1.7	ug/m3			02/11/26 16:04	1.523
Naphthalene	ND		8.0	1.4	ug/m3			02/11/26 16:04	1.523
o-Xylene	ND		3.3	1.1	ug/m3			02/11/26 16:04	1.523
Propylbenzene	ND		3.7	1.3	ug/m3			02/11/26 16:04	1.523
Styrene	ND		3.2	1.1	ug/m3			02/11/26 16:04	1.523
Tetrachloroethene	**2.8**	**J**	5.2	1.8	ug/m3			02/11/26 16:04	1.523
Tetrahydrofuran	ND		2.2	0.76	ug/m3			02/11/26 16:04	1.523
Toluene	**5.4**	**J**	5.7	1.9	ug/m3			02/11/26 16:04	1.523
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/11/26 16:04	1.523
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			02/11/26 16:04	1.523
Trichloroethene	ND		4.1	1.4	ug/m3			02/11/26 16:04	1.523
Vinyl chloride	ND		1.9	0.66	ug/m3			02/11/26 16:04	1.523

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*02/11/26 16:04*	*1.523*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/11/26 16:04*	*1.523*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/11/26 16:04*	*1.523*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000050	% v/v			02/14/26 19:28	1.523

Client Sample ID: 821-LFGP-DUP
Lab Sample ID: 650-4776-7
Date Collected: 01/23/26 10:25
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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	1.3	ug/m3			02/11/26 19:19	1.407
1,1,2,2-Tetrachloroethane	ND		4.8	1.6	ug/m3			02/11/26 19:19	1.407
1,1,2-Trichloroethane	ND		3.8	1.3	ug/m3			02/11/26 19:19	1.407
1,1-Dichloroethane	ND		2.8	0.97	ug/m3			02/11/26 19:19	1.407
1,1-Dichloroethene	ND		2.8	0.95	ug/m3			02/11/26 19:19	1.407
1,2,4-Trichlorobenzene	ND		21	7.0	ug/m3			02/11/26 19:19	1.407
1,2,4-Trimethylbenzene	ND		3.5	1.2	ug/m3			02/11/26 19:19	1.407
1,2-Dibromoethane (EDB)	ND		5.4	1.8	ug/m3			02/11/26 19:19	1.407
1,2-Dichlorobenzene	ND		4.2	1.4	ug/m3			02/11/26 19:19	1.407

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-DUP
Lab Sample ID: 650-4776-7
Date Collected: 01/23/26 10:25
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
1,2-Dichloroethane	ND		2.8	0.97	ug/m3			02/11/26 19:19	1.407
1,2-Dichloropropane	ND		3.3	1.1	ug/m3			02/11/26 19:19	1.407
1,3,5-Trimethylbenzene	ND		3.5	1.2	ug/m3			02/11/26 19:19	1.407
1,3-Butadiene	ND		1.6	0.53	ug/m3			02/11/26 19:19	1.407
1,3-Dichlorobenzene	ND		4.2	1.4	ug/m3			02/11/26 19:19	1.407
1,4-Dichlorobenzene	ND		4.2	1.4	ug/m3			02/11/26 19:19	1.407
1,4-Dioxane	ND		5.1	1.7	ug/m3			02/11/26 19:19	1.407
2,2,4-Trimethylpentane	ND		3.3	1.1	ug/m3			02/11/26 19:19	1.407
2-Butanone (MEK)	**6.3**	**J**	8.3	2.8	ug/m3			02/11/26 19:19	1.407
2-Hexanone	ND		12	3.9	ug/m3			02/11/26 19:19	1.407
2-Propanol	**5.7**	**J**	6.9	2.3	ug/m3			02/11/26 19:19	1.407
3-Chloropropene	ND		2.2	0.75	ug/m3			02/11/26 19:19	1.407
4-Ethyltoluene	ND		3.5	1.2	ug/m3			02/11/26 19:19	1.407
4-Methyl-2-pentanone (MIBK)	ND		2.9	0.98	ug/m3			02/11/26 19:19	1.407
Acetone	**14**	**J**	17	5.6	ug/m3			02/11/26 19:19	1.407
alpha-Chlorotoluene	ND		3.6	1.2	ug/m3			02/11/26 19:19	1.407
Benzene	ND		2.2	0.76	ug/m3			02/11/26 19:19	1.407
Bromodichloromethane	ND		4.7	1.6	ug/m3			02/11/26 19:19	1.407
Bromoform	ND		7.3	2.5	ug/m3			02/11/26 19:19	1.407
Bromomethane	ND		5.5	1.8	ug/m3			02/11/26 19:19	1.407
Carbon disulfide	ND		8.8	2.9	ug/m3			02/11/26 19:19	1.407
Carbon tetrachloride	ND		4.4	1.5	ug/m3			02/11/26 19:19	1.407
Chlorobenzene	ND		3.2	1.1	ug/m3			02/11/26 19:19	1.407
Chloroethane	ND		7.4	2.5	ug/m3			02/11/26 19:19	1.407
Chloroform	ND		3.4	1.2	ug/m3			02/11/26 19:19	1.407
Chloromethane	ND		15	4.9	ug/m3			02/11/26 19:19	1.407
cis-1,2-Dichloroethene	ND		2.8	0.95	ug/m3			02/11/26 19:19	1.407
cis-1,3-Dichloropropene	ND		3.2	1.1	ug/m3			02/11/26 19:19	1.407
Cumene	ND		3.5	1.2	ug/m3			02/11/26 19:19	1.407
Cyclohexane	ND		2.4	0.82	ug/m3			02/11/26 19:19	1.407
Dibromochloromethane	ND		6.0	2.0	ug/m3			02/11/26 19:19	1.407
Ethanol	**17**		13	4.4	ug/m3			02/11/26 19:19	1.407
Ethylbenzene	ND		3.1	1.0	ug/m3			02/11/26 19:19	1.407
Freon 11	ND		4.0	1.3	ug/m3			02/11/26 19:19	1.407
Freon 113	ND		5.4	1.8	ug/m3			02/11/26 19:19	1.407
Freon 12	**1.8**	**J**	3.5	1.2	ug/m3			02/11/26 19:19	1.407
Freon-114	ND		4.9	1.7	ug/m3			02/11/26 19:19	1.407
Heptane	ND		2.9	0.98	ug/m3			02/11/26 19:19	1.407
Hexachlorobutadiene	ND		30	10	ug/m3			02/11/26 19:19	1.407
Hexane	ND		2.5	0.84	ug/m3			02/11/26 19:19	1.407
m,p-Xylene	ND		6.1	2.0	ug/m3			02/11/26 19:19	1.407
Methyl tert-butyl ether	ND		10	3.4	ug/m3			02/11/26 19:19	1.407
Methylene Chloride	ND		4.9	1.6	ug/m3			02/11/26 19:19	1.407
Naphthalene	ND		7.4	1.3	ug/m3			02/11/26 19:19	1.407
o-Xylene	ND		3.1	1.0	ug/m3			02/11/26 19:19	1.407
Propylbenzene	ND		3.5	1.2	ug/m3			02/11/26 19:19	1.407
Styrene	ND		3.0	1.0	ug/m3			02/11/26 19:19	1.407
Tetrachloroethene	**2.5**	**J**	4.8	1.6	ug/m3			02/11/26 19:19	1.407

Client Sample ID: 821-LFGP-DUP
Lab Sample ID: 650-4776-7

Date Collected: 01/23/26 10:25
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
Tetrahydrofuran	ND		2.1	0.71	ug/m3			02/11/26 19:19	1.407
Toluene	**7.4**		5.3	1.7	ug/m3			02/11/26 19:19	1.407
trans-1,2-Dichloroethene	ND		2.8	0.95	ug/m3			02/11/26 19:19	1.407
trans-1,3-Dichloropropene	ND		3.2	1.1	ug/m3			02/11/26 19:19	1.407
Trichloroethene	ND		3.8	1.3	ug/m3			02/11/26 19:19	1.407
Vinyl chloride	ND		1.8	0.61	ug/m3			02/11/26 19:19	1.407

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*02/11/26 19:19*	*1.407*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/11/26 19:19*	*1.407*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/11/26 19:19*	*1.407*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00014	0.000046	% v/v			02/14/26 19:52	1.407

Client Sample ID: 821-LFGP-6
Lab Sample ID: 650-4776-8

Date Collected: 01/23/26 10:25
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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 16:32	1.456
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			02/11/26 16:32	1.456
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 16:32	1.456
1,1-Dichloroethane	ND		2.9	1.0	ug/m3			02/11/26 16:32	1.456
1,1-Dichloroethene	ND		2.9	0.98	ug/m3			02/11/26 16:32	1.456
1,2,4-Trichlorobenzene	ND		22	7.2	ug/m3			02/11/26 16:32	1.456
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 16:32	1.456
1,2-Dibromoethane (EDB)	ND		5.6	1.9	ug/m3			02/11/26 16:32	1.456
1,2-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 16:32	1.456
1,2-Dichloroethane	ND		2.9	1.0	ug/m3			02/11/26 16:32	1.456
1,2-Dichloropropane	ND		3.4	1.1	ug/m3			02/11/26 16:32	1.456
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 16:32	1.456
1,3-Butadiene	ND		1.6	0.55	ug/m3			02/11/26 16:32	1.456
1,3-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 16:32	1.456
1,4-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 16:32	1.456
1,4-Dioxane	ND		5.2	1.7	ug/m3			02/11/26 16:32	1.456
2,2,4-Trimethylpentane	ND		3.4	1.2	ug/m3			02/11/26 16:32	1.456
2-Butanone (MEK)	**3.7**	**J**	8.6	2.9	ug/m3			02/11/26 16:32	1.456
2-Hexanone	ND		12	4.0	ug/m3			02/11/26 16:32	1.456
2-Propanol	**4.8**	**J**	7.2	2.4	ug/m3			02/11/26 16:32	1.456
3-Chloropropene	ND		2.3	0.77	ug/m3			02/11/26 16:32	1.456
4-Ethyltoluene	ND		3.6	1.2	ug/m3			02/11/26 16:32	1.456
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			02/11/26 16:32	1.456
Acetone	**8.4**	**J**	17	5.8	ug/m3			02/11/26 16:32	1.456
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			02/11/26 16:32	1.456
Benzene	ND		2.3	0.79	ug/m3			02/11/26 16:32	1.456

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-6
Lab Sample ID: 650-4776-8
Date Collected: 01/23/26 10:25
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
Bromodichloromethane	ND		4.9	1.7	ug/m3			02/11/26 16:32	1.456
Bromoform	ND		7.5	2.6	ug/m3			02/11/26 16:32	1.456
Bromomethane	ND		5.7	1.9	ug/m3			02/11/26 16:32	1.456
Carbon disulfide	ND		9.1	3.0	ug/m3			02/11/26 16:32	1.456
Carbon tetrachloride	ND		4.6	1.6	ug/m3			02/11/26 16:32	1.456
Chlorobenzene	ND		3.4	1.1	ug/m3			02/11/26 16:32	1.456
Chloroethane	ND		7.7	2.6	ug/m3			02/11/26 16:32	1.456
Chloroform	ND		3.6	1.2	ug/m3			02/11/26 16:32	1.456
Chloromethane	ND		15	5.0	ug/m3			02/11/26 16:32	1.456
cis-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			02/11/26 16:32	1.456
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/11/26 16:32	1.456
Cumene	ND		3.6	1.2	ug/m3			02/11/26 16:32	1.456
Cyclohexane	ND		2.5	0.85	ug/m3			02/11/26 16:32	1.456
Dibromochloromethane	ND		6.2	2.1	ug/m3			02/11/26 16:32	1.456
Ethanol	**5.6**	**J**	14	4.6	ug/m3			02/11/26 16:32	1.456
Ethylbenzene	ND		3.2	1.1	ug/m3			02/11/26 16:32	1.456
Freon 11	ND		4.1	1.4	ug/m3			02/11/26 16:32	1.456
Freon 113	ND		5.6	1.9	ug/m3			02/11/26 16:32	1.456
Freon 12	**1.7**	**J**	3.6	1.2	ug/m3			02/11/26 16:32	1.456
Freon-114	ND		5.1	1.7	ug/m3			02/11/26 16:32	1.456
Heptane	ND		3.0	1.0	ug/m3			02/11/26 16:32	1.456
Hexachlorobutadiene	ND		31	10	ug/m3			02/11/26 16:32	1.456
Hexane	ND		2.6	0.87	ug/m3			02/11/26 16:32	1.456
m,p-Xylene	ND		6.3	2.1	ug/m3			02/11/26 16:32	1.456
Methyl tert-butyl ether	ND		10	3.5	ug/m3			02/11/26 16:32	1.456
Methylene Chloride	ND		5.1	1.7	ug/m3			02/11/26 16:32	1.456
Naphthalene	ND		7.6	1.3	ug/m3			02/11/26 16:32	1.456
o-Xylene	ND		3.2	1.1	ug/m3			02/11/26 16:32	1.456
Propylbenzene	ND		3.6	1.2	ug/m3			02/11/26 16:32	1.456
Styrene	ND		3.1	1.1	ug/m3			02/11/26 16:32	1.456
Tetrachloroethene	**3.7**	**J**	4.9	1.7	ug/m3			02/11/26 16:32	1.456
Tetrahydrofuran	ND		2.1	0.73	ug/m3			02/11/26 16:32	1.456
Toluene	**6.3**		5.5	1.8	ug/m3			02/11/26 16:32	1.456
trans-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			02/11/26 16:32	1.456
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/11/26 16:32	1.456
Trichloroethene	ND		3.9	1.3	ug/m3			02/11/26 16:32	1.456
Vinyl chloride	ND		1.9	0.63	ug/m3			02/11/26 16:32	1.456

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*02/11/26 16:32*	*1.456*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/11/26 16:32*	*1.456*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/11/26 16:32*	*1.456*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000048	% v/v			02/19/26 09:41	1.456

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-7
Lab Sample ID: 650-4776-9
Date Collected: 01/23/26 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		6.0	2.0	ug/m3			02/11/26 19:47	2.184
1,1,2,2-Tetrachloroethane	ND		7.5	2.5	ug/m3			02/11/26 19:47	2.184
1,1,2-Trichloroethane	ND		6.0	2.0	ug/m3			02/11/26 19:47	2.184
1,1-Dichloroethane	ND		4.4	1.5	ug/m3			02/11/26 19:47	2.184
1,1-Dichloroethene	ND		4.3	1.5	ug/m3			02/11/26 19:47	2.184
1,2,4-Trichlorobenzene	ND		32	11	ug/m3			02/11/26 19:47	2.184
1,2,4-Trimethylbenzene	ND		5.4	1.8	ug/m3			02/11/26 19:47	2.184
1,2-Dibromoethane (EDB)	ND		8.4	2.9	ug/m3			02/11/26 19:47	2.184
1,2-Dichlorobenzene	ND		6.6	2.2	ug/m3			02/11/26 19:47	2.184
1,2-Dichloroethane	ND		4.4	1.5	ug/m3			02/11/26 19:47	2.184
1,2-Dichloropropane	ND		5.0	1.7	ug/m3			02/11/26 19:47	2.184
1,3,5-Trimethylbenzene	ND		5.4	1.8	ug/m3			02/11/26 19:47	2.184
1,3-Butadiene	ND		2.4	0.82	ug/m3			02/11/26 19:47	2.184
1,3-Dichlorobenzene	ND		6.6	2.2	ug/m3			02/11/26 19:47	2.184
1,4-Dichlorobenzene	ND		6.6	2.2	ug/m3			02/11/26 19:47	2.184
1,4-Dioxane	ND		7.9	2.6	ug/m3			02/11/26 19:47	2.184
2,2,4-Trimethylpentane	ND		5.1	1.7	ug/m3			02/11/26 19:47	2.184
2-Butanone (MEK)	**12**	**J**	13	4.3	ug/m3			02/11/26 19:47	2.184
2-Hexanone	ND		18	6.0	ug/m3			02/11/26 19:47	2.184
2-Propanol	ND		11	3.6	ug/m3			02/11/26 19:47	2.184
3-Chloropropene	ND		3.4	1.2	ug/m3			02/11/26 19:47	2.184
4-Ethyltoluene	ND		5.4	1.8	ug/m3			02/11/26 19:47	2.184
4-Methyl-2-pentanone (MIBK)	ND		4.5	1.5	ug/m3			02/11/26 19:47	2.184
Acetone	**24**	**J**	26	8.7	ug/m3			02/11/26 19:47	2.184
alpha-Chlorotoluene	ND		5.7	1.9	ug/m3			02/11/26 19:47	2.184
Benzene	ND		3.5	1.2	ug/m3			02/11/26 19:47	2.184
Bromodichloromethane	ND		7.3	2.5	ug/m3			02/11/26 19:47	2.184
Bromoform	ND		11	3.8	ug/m3			02/11/26 19:47	2.184
Bromomethane	ND		8.5	2.8	ug/m3			02/11/26 19:47	2.184
Carbon disulfide	ND		14	4.6	ug/m3			02/11/26 19:47	2.184
Carbon tetrachloride	ND		6.9	2.3	ug/m3			02/11/26 19:47	2.184
Chlorobenzene	ND		5.0	1.7	ug/m3			02/11/26 19:47	2.184
Chloroethane	ND		12	3.9	ug/m3			02/11/26 19:47	2.184
Chloroform	ND		5.3	1.8	ug/m3			02/11/26 19:47	2.184
Chloromethane	ND		23	7.5	ug/m3			02/11/26 19:47	2.184
cis-1,2-Dichloroethene	ND		4.3	1.5	ug/m3			02/11/26 19:47	2.184
cis-1,3-Dichloropropene	ND		5.0	1.7	ug/m3			02/11/26 19:47	2.184
Cumene	ND		5.4	1.8	ug/m3			02/11/26 19:47	2.184
Cyclohexane	ND		3.8	1.3	ug/m3			02/11/26 19:47	2.184
Dibromochloromethane	ND		9.3	3.2	ug/m3			02/11/26 19:47	2.184
Ethanol	**8.9**	**J**	21	6.9	ug/m3			02/11/26 19:47	2.184
Ethylbenzene	ND		4.7	1.6	ug/m3			02/11/26 19:47	2.184
Freon 11	ND		6.1	2.1	ug/m3			02/11/26 19:47	2.184
Freon 113	ND		8.4	2.8	ug/m3			02/11/26 19:47	2.184
Freon 12	**2.2**	**J**	5.4	1.8	ug/m3			02/11/26 19:47	2.184
Freon-114	ND		7.6	2.6	ug/m3			02/11/26 19:47	2.184
Heptane	ND		4.5	1.5	ug/m3			02/11/26 19:47	2.184
Hexachlorobutadiene	ND		47	16	ug/m3			02/11/26 19:47	2.184

Client Sample ID: 821-LFGP-7
Lab Sample ID: 650-4776-9

Date Collected: 01/23/26 10:37
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		3.8	1.3	ug/m3			02/11/26 19:47	2.184
m,p-Xylene	ND		9.5	3.1	ug/m3			02/11/26 19:47	2.184
Methyl tert-butyl ether	ND		16	5.3	ug/m3			02/11/26 19:47	2.184
Methylene Chloride	ND		7.6	2.5	ug/m3			02/11/26 19:47	2.184
Naphthalene	ND		11	1.9	ug/m3			02/11/26 19:47	2.184
o-Xylene	ND		4.7	1.6	ug/m3			02/11/26 19:47	2.184
Propylbenzene	ND		5.4	1.8	ug/m3			02/11/26 19:47	2.184
Styrene	ND		4.7	1.6	ug/m3			02/11/26 19:47	2.184
Tetrachloroethene	ND		7.4	2.5	ug/m3			02/11/26 19:47	2.184
Tetrahydrofuran	ND		3.2	1.1	ug/m3			02/11/26 19:47	2.184
Toluene	**13**		8.2	2.7	ug/m3			02/11/26 19:47	2.184
trans-1,2-Dichloroethene	ND		4.3	1.5	ug/m3			02/11/26 19:47	2.184
trans-1,3-Dichloropropene	ND		5.0	1.7	ug/m3			02/11/26 19:47	2.184
Trichloroethene	ND		5.9	2.0	ug/m3			02/11/26 19:47	2.184
Vinyl chloride	ND		2.8	0.95	ug/m3			02/11/26 19:47	2.184

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*02/11/26 19:47*	*2.184*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*02/11/26 19:47*	*2.184*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/11/26 19:47*	*2.184*

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		0.00022	0.000072	% v/v			02/19/26 10:06	2.184

Client Sample ID: 821-LFGP-8
Lab Sample ID: 650-4776-10

Date Collected: 01/23/26 10:52
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	1.9	ug/m3			02/11/26 20:15	2.049
1,1,2,2-Tetrachloroethane	ND		7.0	2.4	ug/m3			02/11/26 20:15	2.049
1,1,2-Trichloroethane	ND		5.6	1.9	ug/m3			02/11/26 20:15	2.049
1,1-Dichloroethane	ND		4.1	1.4	ug/m3			02/11/26 20:15	2.049
1,1-Dichloroethene	ND		4.1	1.4	ug/m3			02/11/26 20:15	2.049
1,2,4-Trichlorobenzene	ND		30	10	ug/m3			02/11/26 20:15	2.049
1,2,4-Trimethylbenzene	ND		5.0	1.7	ug/m3			02/11/26 20:15	2.049
1,2-Dibromoethane (EDB)	ND		7.9	2.7	ug/m3			02/11/26 20:15	2.049
1,2-Dichlorobenzene	ND		6.2	2.1	ug/m3			02/11/26 20:15	2.049
1,2-Dichloroethane	ND		4.1	1.4	ug/m3			02/11/26 20:15	2.049
1,2-Dichloropropane	ND		4.7	1.6	ug/m3			02/11/26 20:15	2.049
1,3,5-Trimethylbenzene	ND		5.0	1.7	ug/m3			02/11/26 20:15	2.049
1,3-Butadiene	ND		2.3	0.77	ug/m3			02/11/26 20:15	2.049
1,3-Dichlorobenzene	ND		6.2	2.1	ug/m3			02/11/26 20:15	2.049
1,4-Dichlorobenzene	ND		6.2	2.1	ug/m3			02/11/26 20:15	2.049
1,4-Dioxane	ND		7.4	2.4	ug/m3			02/11/26 20:15	2.049
2,2,4-Trimethylpentane	ND		4.8	1.6	ug/m3			02/11/26 20:15	2.049

Client Sample ID: 821-LFGP-8
Lab Sample ID: 650-4776-10
Date Collected: 01/23/26 10:52
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		12	4.0	ug/m3			02/11/26 20:15	2.049
2-Hexanone	ND		17	5.6	ug/m3			02/11/26 20:15	2.049
2-Propanol	ND		10	3.4	ug/m3			02/11/26 20:15	2.049
3-Chloropropene	ND		3.2	1.1	ug/m3			02/11/26 20:15	2.049
4-Ethyltoluene	ND		5.0	1.7	ug/m3			02/11/26 20:15	2.049
4-Methyl-2-pentanone (MIBK)	ND		4.2	1.4	ug/m3			02/11/26 20:15	2.049
Acetone	**10**	**J**	24	8.1	ug/m3			02/11/26 20:15	2.049
alpha-Chlorotoluene	ND		5.3	1.8	ug/m3			02/11/26 20:15	2.049
Benzene	ND		3.3	1.1	ug/m3			02/11/26 20:15	2.049
Bromodichloromethane	ND		6.9	2.3	ug/m3			02/11/26 20:15	2.049
Bromoform	ND		11	3.6	ug/m3			02/11/26 20:15	2.049
Bromomethane	ND		8.0	2.6	ug/m3			02/11/26 20:15	2.049
Carbon disulfide	ND		13	4.3	ug/m3			02/11/26 20:15	2.049
Carbon tetrachloride	ND		6.4	2.2	ug/m3			02/11/26 20:15	2.049
Chlorobenzene	ND		4.7	1.6	ug/m3			02/11/26 20:15	2.049
Chloroethane	ND		11	3.6	ug/m3			02/11/26 20:15	2.049
Chloroform	ND		5.0	1.7	ug/m3			02/11/26 20:15	2.049
Chloromethane	ND		21	7.1	ug/m3			02/11/26 20:15	2.049
cis-1,2-Dichloroethene	ND		4.1	1.4	ug/m3			02/11/26 20:15	2.049
cis-1,3-Dichloropropene	ND		4.6	1.6	ug/m3			02/11/26 20:15	2.049
Cumene	ND		5.0	1.7	ug/m3			02/11/26 20:15	2.049
Cyclohexane	ND		3.5	1.2	ug/m3			02/11/26 20:15	2.049
Dibromochloromethane	ND		8.7	3.0	ug/m3			02/11/26 20:15	2.049
Ethanol	**15**	**J**	19	6.4	ug/m3			02/11/26 20:15	2.049
Ethylbenzene	ND		4.4	1.5	ug/m3			02/11/26 20:15	2.049
Freon 11	ND		5.8	2.0	ug/m3			02/11/26 20:15	2.049
Freon 113	ND		7.9	2.7	ug/m3			02/11/26 20:15	2.049
Freon 12	**2.4**	**J**	5.1	1.7	ug/m3			02/11/26 20:15	2.049
Freon-114	ND		7.2	2.4	ug/m3			02/11/26 20:15	2.049
Heptane	ND		4.2	1.4	ug/m3			02/11/26 20:15	2.049
Hexachlorobutadiene	ND		44	15	ug/m3			02/11/26 20:15	2.049
Hexane	ND		3.6	1.2	ug/m3			02/11/26 20:15	2.049
m,p-Xylene	ND		8.9	2.9	ug/m3			02/11/26 20:15	2.049
Methyl tert-butyl ether	ND		15	4.9	ug/m3			02/11/26 20:15	2.049
Methylene Chloride	ND		7.1	2.3	ug/m3			02/11/26 20:15	2.049
Naphthalene	ND		11	1.8	ug/m3			02/11/26 20:15	2.049
o-Xylene	ND		4.4	1.5	ug/m3			02/11/26 20:15	2.049
Propylbenzene	ND		5.0	1.7	ug/m3			02/11/26 20:15	2.049
Styrene	ND		4.4	1.5	ug/m3			02/11/26 20:15	2.049
Tetrachloroethene	ND		6.9	2.4	ug/m3			02/11/26 20:15	2.049
Tetrahydrofuran	ND		3.0	1.0	ug/m3			02/11/26 20:15	2.049
Toluene	**8.1**		7.7	2.5	ug/m3			02/11/26 20:15	2.049
trans-1,2-Dichloroethene	ND		4.1	1.4	ug/m3			02/11/26 20:15	2.049
trans-1,3-Dichloropropene	ND		4.6	1.6	ug/m3			02/11/26 20:15	2.049
Trichloroethene	ND		5.5	1.9	ug/m3			02/11/26 20:15	2.049
Vinyl chloride	ND		2.6	0.89	ug/m3			02/11/26 20:15	2.049

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*02/11/26 20:15*	*2.049*

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-8
Lab Sample ID: 650-4776-10
Date Collected: 01/23/26 10:52
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/11/26 20:15*	*2.049*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/11/26 20:15*	*2.049*

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	**0.0025**		0.00020	0.000068	% v/v			02/19/26 10:34	2.049

Surrogate Summary

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

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)
650-4776-1	821-LFGP-9	94	101	99
650-4776-2	821-LFGP-4	91	103	100
650-4776-3	821-LFGP-2	92	103	99
650-4776-4	821-LFGP-3	92	102	99
650-4776-5	821-LFGP-1	96	102	99
650-4776-6	821-LFGP-5	90	103	97
650-4776-7	821-LFGP-DUP	92	102	99
650-4776-8	821-LFGP-6	90	102	98
650-4776-9	821-LFGP-7	91	105	100
650-4776-10	821-LFGP-8	92	102	100
LCS 650-10461/3	Lab Control Sample	91	104	98
LCSD 650-10461/4	Lab Control Sample Dup	87	104	99
MB 650-10461/6	Method Blank	90	103	100

Surrogate Legend

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

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

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

Lab Sample ID: MB 650-10461/6
Matrix: Air
Analysis Batch: 10461

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 14:44	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			02/11/26 14:44	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 14:44	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 14:44	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 14:44	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			02/11/26 14:44	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 14:44	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			02/11/26 14:44	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 14:44	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 14:44	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			02/11/26 14:44	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 14:44	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			02/11/26 14:44	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 14:44	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 14:44	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			02/11/26 14:44	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			02/11/26 14:44	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			02/11/26 14:44	1
2-Hexanone	ND		8.2	2.7	ug/m3			02/11/26 14:44	1
2-Propanol	ND		4.9	1.6	ug/m3			02/11/26 14:44	1
3-Chloropropene	ND		1.6	0.53	ug/m3			02/11/26 14:44	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			02/11/26 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			02/11/26 14:44	1
Acetone	ND		12	4.0	ug/m3			02/11/26 14:44	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			02/11/26 14:44	1
Benzene	ND		1.6	0.54	ug/m3			02/11/26 14:44	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			02/11/26 14:44	1
Bromoform	ND		5.2	1.8	ug/m3			02/11/26 14:44	1
Bromomethane	ND		3.9	1.3	ug/m3			02/11/26 14:44	1
Carbon disulfide	ND		6.2	2.1	ug/m3			02/11/26 14:44	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			02/11/26 14:44	1
Chlorobenzene	ND		2.3	0.78	ug/m3			02/11/26 14:44	1
Chloroethane	ND		5.3	1.8	ug/m3			02/11/26 14:44	1
Chloroform	ND		2.4	0.83	ug/m3			02/11/26 14:44	1
Chloromethane	ND		10	3.4	ug/m3			02/11/26 14:44	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 14:44	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 14:44	1
Cumene	ND		2.5	0.84	ug/m3			02/11/26 14:44	1
Cyclohexane	ND		1.7	0.59	ug/m3			02/11/26 14:44	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			02/11/26 14:44	1
Ethanol	ND		9.4	3.1	ug/m3			02/11/26 14:44	1
Ethylbenzene	ND		2.2	0.74	ug/m3			02/11/26 14:44	1
Freon 11	ND		2.8	0.96	ug/m3			02/11/26 14:44	1
Freon 113	ND		3.8	1.3	ug/m3			02/11/26 14:44	1
Freon 12	ND		2.5	0.84	ug/m3			02/11/26 14:44	1
Freon-114	ND		3.5	1.2	ug/m3			02/11/26 14:44	1
Heptane	ND		2.0	0.70	ug/m3			02/11/26 14:44	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			02/11/26 14:44	1

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

Lab Sample ID: MB 650-10461/6
Matrix: Air
Analysis Batch: 10461

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 14:44	1
m,p-Xylene	ND		4.3	1.4	ug/m3			02/11/26 14:44	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			02/11/26 14:44	1
Methylene Chloride	ND		3.5	1.1	ug/m3			02/11/26 14:44	1
Naphthalene	ND		5.2	0.89	ug/m3			02/11/26 14:44	1
o-Xylene	ND		2.2	0.74	ug/m3			02/11/26 14:44	1
Propylbenzene	ND		2.5	0.84	ug/m3			02/11/26 14:44	1
Styrene	ND		2.1	0.72	ug/m3			02/11/26 14:44	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			02/11/26 14:44	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			02/11/26 14:44	1
Toluene	ND		3.8	1.2	ug/m3			02/11/26 14:44	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 14:44	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 14:44	1
Trichloroethene	ND		2.7	0.91	ug/m3			02/11/26 14:44	1
Vinyl chloride	ND		1.3	0.43	ug/m3			02/11/26 14:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*02/11/26 14:44*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/11/26 14:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/11/26 14:44*	*1*

Lab Sample ID: LCS 650-10461/3
Matrix: Air
Analysis Batch: 10461

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	109	112		ug/m3		103	70 - 130
1,1,2,2-Tetrachloroethane	137	148		ug/m3		108	70 - 130
1,1,2-Trichloroethane	109	118		ug/m3		108	70 - 130
1,1-Dichloroethane	80.7	82.3		ug/m3		102	70 - 130
1,1-Dichloroethene	79.1	84.0		ug/m3		106	70 - 130
1,2,4-Trichlorobenzene	166	177		ug/m3		107	70 - 130
1,2,4-Trimethylbenzene	98.1	110		ug/m3		113	70 - 130
1,2-Dibromoethane (EDB)	153	166		ug/m3		108	70 - 130
1,2-Dichlorobenzene	120	135		ug/m3		112	70 - 130
1,2-Dichloroethane	80.7	68.1		ug/m3		84	70 - 130
1,2-Dichloropropane	92.2	83.5		ug/m3		91	70 - 130
1,3,5-Trimethylbenzene	98.1	110		ug/m3		112	70 - 130
1,3-Butadiene	44.1	42.4		ug/m3		96	70 - 130
1,3-Dichlorobenzene	120	134		ug/m3		112	70 - 130
1,4-Dichlorobenzene	120	133		ug/m3		111	70 - 130
1,4-Dioxane	71.9	77.4		ug/m3		108	70 - 130
2,2,4-Trimethylpentane	93.2	80.2		ug/m3		86	70 - 130
2-Butanone (MEK)	58.8	52.5		ug/m3		89	70 - 130
2-Hexanone	81.8	80.9		ug/m3		99	70 - 130
2-Propanol	49.0	55.5		ug/m3		113	70 - 130
3-Chloropropene	62.4	63.5		ug/m3		102	70 - 130
4-Ethyltoluene	98.1	116		ug/m3		119	70 - 130

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

Lab Sample ID: LCS 650-10461/3
Matrix: Air
Analysis Batch: 10461

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	81.7	79.6		ug/m3		97	70 - 130
Acetone	47.4	37.5		ug/m3		79	70 - 130
alpha-Chlorotoluene	103	126		ug/m3		122	70 - 130
Benzene	63.7	58.7		ug/m3		92	70 - 130
Bromodichloromethane	134	138		ug/m3		103	70 - 130
Bromoform	206	242		ug/m3		118	70 - 130
Bromomethane	77.5	85.0		ug/m3		110	70 - 130
Carbon disulfide	62.1	58.6		ug/m3		94	70 - 130
Carbon tetrachloride	125	129		ug/m3		103	70 - 130
Chlorobenzene	91.8	87.3		ug/m3		95	70 - 130
Chloroethane	52.6	53.9		ug/m3		102	70 - 130
Chloroform	97.4	87.8		ug/m3		90	70 - 130
Chloromethane	41.2	38.6		ug/m3		94	70 - 130
cis-1,2-Dichloroethene	79.1	81.8		ug/m3		103	70 - 130
cis-1,3-Dichloropropene	90.5	97.7		ug/m3		108	70 - 130
Cumene	98.1	96.1		ug/m3		98	70 - 130
Cyclohexane	68.7	63.7		ug/m3		93	70 - 130
Dibromochloromethane	170	187		ug/m3		110	70 - 130
Ethanol	44.4	39.9		ug/m3		90	70 - 130
Ethylbenzene	86.6	83.6		ug/m3		97	70 - 130
Freon 11	112	112		ug/m3		100	70 - 130
Freon 113	153	162		ug/m3		106	70 - 130
Freon 12	98.7	100		ug/m3		102	70 - 130
Freon-114	139	144		ug/m3		103	70 - 130
Heptane	81.8	76.7		ug/m3		94	70 - 130
Hexachlorobutadiene	236	252		ug/m3		107	70 - 130
Hexane	70.3	63.0		ug/m3		90	70 - 130
m,p-Xylene	86.6	83.2		ug/m3		96	70 - 130
Methyl tert-butyl ether	71.9	63.8		ug/m3		89	70 - 130
Methylene Chloride	69.3	57.7		ug/m3		83	70 - 130
Naphthalene	10.5	12.6		ug/m3		120	60 - 140
o-Xylene	86.6	82.4		ug/m3		95	70 - 130
Propylbenzene	98.1	112		ug/m3		114	70 - 130
Styrene	85.0	96.6		ug/m3		114	70 - 130
Tetrachloroethene	135	130		ug/m3		96	70 - 130
Tetrahydrofuran	58.8	49.5		ug/m3		84	70 - 130
Toluene	75.2	70.2		ug/m3		93	70 - 130
trans-1,2-Dichloroethene	79.1	78.0		ug/m3		99	70 - 130
trans-1,3-Dichloropropene	90.5	97.1		ug/m3		107	70 - 130
Trichloroethene	107	102		ug/m3		95	70 - 130
Vinyl chloride	51.0	50.2		ug/m3		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: LCSD 650-10461/4
Matrix: Air
Analysis Batch: 10461

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			109	113		ug/m3		104	70 - 130	1	25
1,1,2,2-Tetrachloroethane			137	148		ug/m3		108	70 - 130	0	25
1,1,2-Trichloroethane			109	119		ug/m3		109	70 - 130	1	25
1,1-Dichloroethane			80.7	82.5		ug/m3		102	70 - 130	0	25
1,1-Dichloroethene			79.1	85.5		ug/m3		108	70 - 130	2	25
1,2,4-Trichlorobenzene			166	180		ug/m3		109	70 - 130	2	25
1,2,4-Trimethylbenzene			98.1	110		ug/m3		112	70 - 130	0	25
1,2-Dibromoethane (EDB)			153	168		ug/m3		110	70 - 130	2	25
1,2-Dichlorobenzene			120	138		ug/m3		115	70 - 130	2	25
1,2-Dichloroethane			80.7	69.7		ug/m3		86	70 - 130	2	25
1,2-Dichloropropane			92.2	84.4		ug/m3		92	70 - 130	1	25
1,3,5-Trimethylbenzene			98.1	112		ug/m3		114	70 - 130	2	25
1,3-Butadiene			44.1	41.1		ug/m3		93	70 - 130	3	25
1,3-Dichlorobenzene			120	137		ug/m3		114	70 - 130	2	25
1,4-Dichlorobenzene			120	135		ug/m3		112	70 - 130	1	25
1,4-Dioxane			71.9	79.6		ug/m3		111	70 - 130	3	25
2,2,4-Trimethylpentane			93.2	85.7		ug/m3		92	70 - 130	7	25
2-Butanone (MEK)			58.8	54.9		ug/m3		93	70 - 130	4	25
2-Hexanone			81.8	81.3		ug/m3		99	70 - 130	1	25
2-Propanol			49.0	54.7		ug/m3		112	70 - 130	1	25
3-Chloropropene			62.4	64.1		ug/m3		103	70 - 130	1	25
4-Ethyltoluene			98.1	116		ug/m3		118	70 - 130	0	25
4-Methyl-2-pentanone (MIBK)			81.7	81.7		ug/m3		100	70 - 130	3	25
Acetone			47.4	38.0		ug/m3		80	70 - 130	1	25
alpha-Chlorotoluene			103	125		ug/m3		121	70 - 130	1	25
Benzene			63.7	60.2		ug/m3		94	70 - 130	3	25
Bromodichloromethane			134	140		ug/m3		105	70 - 130	1	25
Bromoform			206	245		ug/m3		119	70 - 130	1	25
Bromomethane			77.5	86.1		ug/m3		111	70 - 130	1	25
Carbon disulfide			62.1	59.0		ug/m3		95	70 - 130	1	25
Carbon tetrachloride			125	130		ug/m3		104	70 - 130	1	25
Chlorobenzene			91.8	88.6		ug/m3		96	70 - 130	1	25
Chloroethane			52.6	55.2		ug/m3		105	70 - 130	2	25
Chloroform			97.4	88.0		ug/m3		90	70 - 130	0	25
Chloromethane			41.2	37.6		ug/m3		91	70 - 130	3	25
cis-1,2-Dichloroethene			79.1	82.5		ug/m3		104	70 - 130	1	25
cis-1,3-Dichloropropene			90.5	98.6		ug/m3		109	70 - 130	1	25
Cumene			98.1	97.5		ug/m3		99	70 - 130	1	25
Cyclohexane			68.7	64.7		ug/m3		94	70 - 130	2	25
Dibromochloromethane			170	191		ug/m3		113	70 - 130	2	25
Ethanol			44.4	40.3		ug/m3		91	70 - 130	1	25
Ethylbenzene			86.6	84.2		ug/m3		97	70 - 130	1	25
Freon 11			112	113		ug/m3		101	70 - 130	1	25
Freon 113			153	164		ug/m3		107	70 - 130	1	25
Freon 12			98.7	99.0		ug/m3		100	70 - 130	1	25
Freon-114			139	144		ug/m3		103	70 - 130	0	25
Heptane			81.8	78.6		ug/m3		96	70 - 130	2	25
Hexachlorobutadiene			236	256		ug/m3		108	70 - 130	2	25

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

Lab Sample ID: LCSD 650-10461/4
Matrix: Air
Analysis Batch: 10461

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexane			70.3	64.3		ug/m3		92	70 - 130	2	25
m,p-Xylene			86.6	84.5		ug/m3		97	70 - 130	2	25
Methyl tert-butyl ether			71.9	64.8		ug/m3		90	70 - 130	2	25
Methylene Chloride			69.3	58.7		ug/m3		85	70 - 130	2	25
Naphthalene			10.5	13.0		ug/m3		124	60 - 140	3	25
o-Xylene			86.6	84.2		ug/m3		97	70 - 130	2	25
Propylbenzene			98.1	112		ug/m3		114	70 - 130	1	25
Styrene			85.0	96.2		ug/m3		113	70 - 130	0	25
Tetrachloroethene			135	132		ug/m3		97	70 - 130	1	25
Tetrahydrofuran			58.8	49.1		ug/m3		83	70 - 130	1	25
Toluene			75.2	71.1		ug/m3		95	70 - 130	1	25
trans-1,2-Dichloroethene			79.1	78.0		ug/m3		99	70 - 130	0	25
trans-1,3-Dichloropropene			90.5	98.1		ug/m3		108	70 - 130	1	25
Trichloroethene			107	104		ug/m3		97	70 - 130	2	25
Vinyl chloride			51.0	48.9		ug/m3		96	70 - 130	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

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

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

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

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

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

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

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

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane			4.54	4.03		% v/v		89	85 - 115	1	25

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

Lab Sample ID: MB 650-11140/6
Matrix: Air
Analysis Batch: 11140

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			02/18/26 18:43	1

Lab Sample ID: LCS 650-11140/2
Matrix: Air
Analysis Batch: 11140

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

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

Lab Sample ID: LCSD 650-11140/28
Matrix: Air
Analysis Batch: 11140

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	4.82		% v/v		94	85 - 115	1	25

QC Association Summary

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Air - GC/MS VOA

Analysis Batch: 10461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4776-1	821-LFGP-9	Total/NA	Air	TO-15	
650-4776-2	821-LFGP-4	Total/NA	Air	TO-15	
650-4776-3	821-LFGP-2	Total/NA	Air	TO-15	
650-4776-4	821-LFGP-3	Total/NA	Air	TO-15	
650-4776-5	821-LFGP-1	Total/NA	Air	TO-15	
650-4776-6	821-LFGP-5	Total/NA	Air	TO-15	
650-4776-7	821-LFGP-DUP	Total/NA	Air	TO-15	
650-4776-8	821-LFGP-6	Total/NA	Air	TO-15	
650-4776-9	821-LFGP-7	Total/NA	Air	TO-15	
650-4776-10	821-LFGP-8	Total/NA	Air	TO-15	
MB 650-10461/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-10461/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-10461/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 10785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4776-1	821-LFGP-9	Total/NA	Air	D1946	
650-4776-2	821-LFGP-4	Total/NA	Air	D1946	
650-4776-3	821-LFGP-2	Total/NA	Air	D1946	
650-4776-4	821-LFGP-3	Total/NA	Air	D1946	
650-4776-5	821-LFGP-1	Total/NA	Air	D1946	
650-4776-6	821-LFGP-5	Total/NA	Air	D1946	
650-4776-7	821-LFGP-DUP	Total/NA	Air	D1946	
MB 650-10785/25	Method Blank	Total/NA	Air	D1946	
LCS 650-10785/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-10785/3	Lab Control Sample Dup	Total/NA	Air	D1946	

Analysis Batch: 11140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4776-8	821-LFGP-6	Total/NA	Air	D1946	
650-4776-9	821-LFGP-7	Total/NA	Air	D1946	
650-4776-10	821-LFGP-8	Total/NA	Air	D1946	
MB 650-11140/6	Method Blank	Total/NA	Air	D1946	
LCS 650-11140/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-11140/28	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-9
Lab Sample ID: 650-4776-1
Date Collected: 01/23/26 11:28
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		1.516	10461	JF	Air Toxics	02/11/26 17:00
Total/NA	Analysis	D1946		1.516	10785	JW	Air Toxics	02/14/26 17:25

Client Sample ID: 821-LFGP-4
Lab Sample ID: 650-4776-2
Date Collected: 01/23/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		2.008	10461	JF	Air Toxics	02/11/26 17:28
Total/NA	Analysis	D1946		2.008	10785	JW	Air Toxics	02/14/26 17:50

Client Sample ID: 821-LFGP-2
Lab Sample ID: 650-4776-3
Date Collected: 01/23/26 11:49
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.516	10461	JF	Air Toxics	02/11/26 17:55
Total/NA	Analysis	D1946		1.516	10785	JW	Air Toxics	02/14/26 18:14

Client Sample ID: 821-LFGP-3
Lab Sample ID: 650-4776-4
Date Collected: 01/23/26 11:37
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.587	10461	JF	Air Toxics	02/11/26 18:23
Total/NA	Analysis	D1946		1.587	10785	JW	Air Toxics	02/14/26 18:38

Client Sample ID: 821-LFGP-1
Lab Sample ID: 650-4776-5
Date Collected: 01/23/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.469	10461	JF	Air Toxics	02/11/26 18:51
Total/NA	Analysis	D1946		1.469	10785	JW	Air Toxics	02/14/26 19:03

Client Sample ID: 821-LFGP-5
Lab Sample ID: 650-4776-6
Date Collected: 01/23/26 11:04
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		1.523	10461	JF	Air Toxics	02/11/26 16:04
Total/NA	Analysis	D1946		1.523	10785	JW	Air Toxics	02/14/26 19:28

Lab Chronicle

Client: S&ME Inc
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

Client Sample ID: 821-LFGP-DUP
Lab Sample ID: 650-4776-7
Date Collected: 01/23/26 10:25
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		1.407	10461	JF	Air Toxics	02/11/26 19:19
Total/NA	Analysis	D1946		1.407	10785	JW	Air Toxics	02/14/26 19:52

Client Sample ID: 821-LFGP-6
Lab Sample ID: 650-4776-8
Date Collected: 01/23/26 10:25
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		1.456	10461	JF	Air Toxics	02/11/26 16:32
Total/NA	Analysis	D1946		1.456	11140	JW	Air Toxics	02/19/26 09:41

Client Sample ID: 821-LFGP-7
Lab Sample ID: 650-4776-9
Date Collected: 01/23/26 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		2.184	10461	JF	Air Toxics	02/11/26 19:47
Total/NA	Analysis	D1946		2.184	11140	JW	Air Toxics	02/19/26 10:06

Client Sample ID: 821-LFGP-8
Lab Sample ID: 650-4776-10
Date Collected: 01/23/26 10:52
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		2.049	10461	JF	Air Toxics	02/11/26 20:15
Total/NA	Analysis	D1946		2.049	11140	JW	Air Toxics	02/19/26 10:34

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: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

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
Job ID: 650-4776-1
Project/Site: Durham Parks, East Durham (821)

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, East Durham (821)

Job ID: 650-4776-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-4776-1	821-LFGP-9	Air	01/23/26 11:28	01/29/26 10:55	Air Canister (6-Liter) #6L2327
650-4776-2	821-LFGP-4	Air	01/23/26 11:36	01/30/26 11:02	Air Canister (6-Liter) #6L2502
650-4776-3	821-LFGP-2	Air	01/23/26 11:49	01/30/26 11:02	Air Canister (6-Liter) #6L1511
650-4776-4	821-LFGP-3	Air	01/23/26 11:37	01/30/26 11:02	Air Canister (6-Liter) #6L0871
650-4776-5	821-LFGP-1	Air	01/23/26 11:40	01/30/26 11:02	Air Canister (6-Liter) #6L0673
650-4776-6	821-LFGP-5	Air	01/23/26 11:04	01/29/26 10:55	Air Canister (6-Liter) #6L1975
650-4776-7	821-LFGP-DUP	Air	01/23/26 10:25	01/29/26 10:55	Air Canister (6-Liter) #6L1665
650-4776-8	821-LFGP-6	Air	01/23/26 10:25	01/29/26 10:55	Air Canister (6-Liter) #6L0997
650-4776-9	821-LFGP-7	Air	01/23/26 10:37	01/29/26 10:55	Air Canister (6-Liter) #6L1147
650-4776-10	821-LFGP-8	Air	01/23/26 10:52	01/30/26 11:02	Air Canister (6-Liter) #6L0401

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

Canister Samples Chain of Custody Record

650-4776 COC

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2/24/2026 (Rev. 1)

Client Contact Information	**Client Project Manager: Whittaker, Brian**	**Samples Collected By:** Madison Allen	COC No: 650-2118-436.1
Company Name: S&ME Inc	**Phone: 916-605-3355**		Page 1 of 1
Address: 3201 Spring Forest Road	**Email: Brian.Whittaker@et.eurofinsus.com**	**State of origin:** NC	
City/State/Zip: Raleigh NC, 27616			**For Lab Use Only:**
Phone: 919-872-2660	**Site Contact: Jerry Paul**	Samples received after 3:00PM PST are considered to be received on the following workday	Walk-in Client:
Project Number: 65000581	**Tel/Fax: /916-985-1000**		Lab Sampling:
Project Name: Durham Parks	**Anaylsis Turnaround Time**		Job / SDG No.:
Site/Location: East Durham (821)	Standard (Specific): X		(See below for Add'l Items)
P O #: Purchase Order not required	Rush (Specifiy):		

Lab ID	Sample Identification	Sample Start		Sample Finish		Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	D1946 - (MOD) CH4 only	TO15_STD - (MOD) TO-15 + Naph			Sample Type	IA=Indoor Air, AA=Ambient Air	SS=Sub-Slab, Soil Vapor Extraction (SVE)	Other (Please specify)	Sample Specific Notes (including duplicate tees, gauges, and other miscellaneous barcoded equipment used):
		Sample Date(s)	Time Start (24hr)	Sample Date(s)	Time Finish (24hr)													
C1A	821-LF6P-4	1/23/26	1028	1/23/26	1128	30	7	24909	6L2327	X	X							
C2A	821-LF6P-4		1036		1136	30	12	24320	6L2502	X	X							
C3A	821-LF6P-2		1049		1149	29	7	23009	6L1511	X	X							
C4A	821-LF6P-3		1044		1137	30	7	23625	6L0871	X	X							
C5A	821-LF6P-1		1040		1140	29	6	23257	6L0763	X	X							
C6A	821-LF6P-5		1004		1104	30	6	23086	6L1975	X	X							
C7A	821-LF6P-DUP		0925		1025	29	8	24538	6L1665	X	X							
C8A	821-LF6P-6		0925		1025	29	6	23100	6L0947	X	X							
C9A	821-LF6P-7		0937		1037	28	8	23129	6L1147	X	X							
C10A	821-LF6P-8	↓	0950	↓	1052	30	7	24056	6L0401	X	X							

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:** ADEATZ 1/29/26 1055	
Relinquished by:	**Date / Time:**	**Received by:**	

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

Ver: 10/10/2024

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

Canister Samples Chain of Custody Recor

650-4776 COC

eurofins | Environment Testing

Client Contact Information	**Client Project Manager: Whittaker, Brian**	**Samples Collected By:** Madison Allen	COC No: 650-2118-436.1
Company Name: S&ME Inc	**Phone: 916-605-3355**		Page 1 of 1
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**		Walk-in Client:
Project Number: 65000581	**Tel/Fax: /916-985-1000**	Samples received after 3:00PM PST are considered to be received on the following workday	Lab Sampling:
Project Name: Durham Parks	**Anaylsis Turnaround Time**		Job / SDG No.:
Site/Location: East Durham (821)	Standard (Specific): X		(See below for Add'l Items)
P O #: Purchase Order not required	Rush (Specifiy):		

Lab ID	Sample Identification	Sample Start		Sample Finish		Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	D1946 - (MOD) CH4 only	TO15_STD - (MOD) TO-15 + Naph			Sample Type	IA=Indoor Air, AA=Ambient Air	SS=Sub-Slab, Soil Vapor Extraction (SVE)	Other (Please specify)	Sample Specific Notes (including duplicate tees, gauges, and other miscellaneous barcoded equipment used):
		Sample Date(s)	Time Start (24hr)	Sample Date(s)	Time Finish (24hr)													
C1A	821-LF6P-4	1/23/26	1028	1/23/26	1128	30	7	24909	6L2327	X	X							
C2A	821-LF6P-4		1036		1136	30	12	24320	6L2502	X	X							
C3A	821-LF6P-2		1049		1149	29	7	23009	6L1511	X	X							
C4A	821-LF6P-3		1044		1137	30	7	23625	6L0871	X	X							
C5A	821-LF6P-1		1040		1140	29	6	23257	6L0763	X	X							
C6A	821-LF6P-5		1004		1104	30	6	23086	6L1975	X	X							
C7A	821-LF6P-DUP		0925		1025	29	8	24538	6L1665	X	X							
C8A	821-LF6P-6		0925		1025	29	6	23100	6L0947	X	X							
C9A	821-LF6P-7		0937		1037	28	8	23129	6L1147	X	X							
C10A	821-LF6P-8	↓	0950	↓	1052	30	7	24056	6L0401	X	X							

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:** ADEATZ 1/29/26 1055
Relinquished by:	**Date / Time:**	**Received by:**

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

Ver: 10/10/2024

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

Canister Samples Chain of Custody Record

650-4776-02 COC

eurofins | Environment Testing

| | | |

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-4776-1

Login Number: 4776
List Number: 1
Creator: Lachappelle, Loren

List Source: Eurofins Environment Testing Northern California, Air Toxics

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012607092
LIMS Reference ID: AE07092
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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AE07092-01	821-LFGP-1	Air	01/22/2026	01/23/2026
AE07092-02	821-LFGP-2	Air	01/22/2026	01/23/2026
AE07092-03	821-LFGP-3	Air	01/22/2026	01/23/2026
AE07092-04	821-LFGP-4	Air	01/22/2026	01/23/2026
AE07092-05	821-LFGP-5	Air	01/22/2026	01/23/2026
AE07092-06	821-LFGP-6	Air	01/22/2026	01/23/2026
AE07092-07	821-LFGP-7	Air	01/22/2026	01/23/2026
AE07092-08	821-LFGP-8	Air	01/22/2026	01/23/2026
AE07092-09	821-LFGP-9	Air	01/22/2026	01/23/2026
AE07092-10	821-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: 012607092
LIMS Reference ID: AE07092
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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

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: 012607092
LIMS Reference ID: AE07092
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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

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: 012607092
LIMS Reference ID: AE07092
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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-01
Customer Sample ID: 821-LFGP-1
Collected: 01/22/2026 16:05
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 12:44	BEA2521	R1847.D	821-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 12:44	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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Method Reference

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

Exposure Limit Definitions

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

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EMSL-CIN-01

EMSL Order ID: 012607092
LIMS Reference ID: AE07092
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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-02
Customer Sample ID: 821-LFGP-2
Collected: 01/22/2026 16:00
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 12:58	BEA2521	R1848.D	821-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 12:58	
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 Order ID: 012607092
LIMS Reference ID: AE07092
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: 23050630-City of Durham Parks-East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-03
Customer Sample ID: 821-LFGP-3
Collected: 01/22/2026 15:55
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 13:11	BEA2521	R1849.D	821-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 13:11	
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

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LIMS Reference ID: AE07092
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

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Received: 01/23/2026 09:30
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EMSL Sample ID: AE07092-04
Customer Sample ID: 821-LFGP-4
Collected: 01/22/2026 15:50
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 13:25	BEA2521	R1850.D	821-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 13:25	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

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EMSL-CIN-01

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LIMS Reference ID: AE07092
EMSL Customer ID: SMEI60

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

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EMSL Sample ID: AE07092-05
Customer Sample ID: 821-LFGP-5
Collected: 01/22/2026 15:40
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 13:38	BEA2521	R1851.D	821-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 13:38	
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

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

EMSL Order ID: 012607092
LIMS Reference ID: AE07092
EMSL Customer ID: SMEI60

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

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-06
Customer Sample ID: 821-LFGP-6
Collected: 01/22/2026 15:35
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 13:52	BEA2521	R1852.D	821-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 13:52	
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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200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012607092
LIMS Reference ID: AE07092
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
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Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-07
Customer Sample ID: 821-LFGP-7
Collected: 01/22/2026 15:30
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 14:06	BEA2521	R1853.D	821-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 14:06	
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**

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EMSL Order ID: 012607092
LIMS Reference ID: AE07092
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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Raleigh, NC 27616
(919) 872-2660
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Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-08
Customer Sample ID: 821-LFGP-8
Collected: 01/22/2026 15:15
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 14:20	BEA2521	R1854.D	821-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 14:20	
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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Received: 01/23/2026 09:30
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EMSL Sample ID: AE07092-09
Customer Sample ID: 821-LFGP-9
Collected: 01/22/2026 15:45
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 14:33	BEA2521	R1855.D	821-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 14:33	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

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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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

EMSL Sample ID: AE07092-10
Customer Sample ID: 821-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 15:01	BEA2521	R1857.D	821-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 15:01	
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: 012607092
LIMS Reference ID: AE07092
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 Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 13:58

Notes and Definitions

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

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: AE01092

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 9:51

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:
Phone: 919-801-5359
Email(s) for Report: jpaul@smeinc.com

Billing Information

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

Project Name/No: 23050630 - City of Durham Parks
EMSL LIMS Project ID: (If applicable, EMSL will provide) East Durham
US State where sample collected:
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
PWS ID:
State Reporting Required? ☐ Yes ☐ No
Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Samples Received Chilled? ☐ Yes ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)
Samples Collected by (Check One): ☐ EMSL ☐ CLIENT
Sampler ID#: (if applicable)
No. Samples in Shipment:
Sampled By Name: Logan Heath
Sampled By Signature:

Turn-Around-Time (TAT)

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCl, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
821-LFGP-1	☐	☐	1/22/26 1605	A		X								low level H2S
821-LFGP-2	☐	☐	1600			X								
821-LFGP-3	☐	☐	1555			X								
821-LFGP-4	☐	☐	1550			X								

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

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

Method of Shipment: FedEx

Relinquished by: Date/Time: 1-22-26 1615

Relinquished by: Date/Time:

Sample Condition Upon Receipt:
Received on Ice? Check if Yes ☐
Received by: Date/Time 1/23/26 0933
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

AE07092

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	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
821-LFGP-5	☐	☐	1-22-26 1540	A		X								
821-LFGP-6	☐	☐	1535			X								
821-LFGP-7	☐	☐	1530			X								
821-LFGP-8	☐	☐	1515			X								
821-LFGP-9	☐	☐	1545			X								
821-LFGP-DUP	☐	☐				X								
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED
EMSL
CINNAMINSON, NJ
2026 JAN 23 A 9:56

Method of Shipment:		Sample Condition Upon Receipt:	Received on Ice? Check if Yes ☐
Relinquished by:	Date/Time:	Received by: Stlemlett 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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Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: AE01092

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 9:51

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:
Phone: 919-801-5359
Email(s) for Report: jpaul@smeinc.com

Billing Information

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

Project Name/No: 23050630 - City of Durham Parks
EMSL LIMS Project ID: (If applicable, EMSL will provide) East Durham
US State where sample collected:
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
PWS ID:
State Reporting Required? ☐ Yes ☐ No
Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Samples Received Chilled? ☐ Yes ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)
Samples Collected by (Check One): ☐ EMSL ☐ CLIENT
Sampler ID#: (if applicable)
No. Samples in Shipment:
Sampled By Name: Logan Heath
Sampled By Signature:

Turn-Around-Time (TAT)

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCl, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
821-LFGP-1	☐	☐	1/22/26 1605	A		X								low level H2S
821-LFGP-2	☐	☐	1600			X								
821-LFGP-3	☐	☐	1555			X								
821-LFGP-4	☐	☐	1550			X								

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

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

Method of Shipment: FedEx

Relinquished by: Date/Time: 1-22-26 1615

Relinquished by: Date/Time:

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

Received by: Date/Time 1/23/26 0933

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

AE07092

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	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
821-LFGP-5	☐	☐	1-22-26 1540	A		X								
821-LFGP-6	☐	☐	1535			X								
821-LFGP-7	☐	☐	1530			X								
821-LFGP-8	☐	☐	1515			X								
821-LFGP-9	☐	☐	1545			X								
821-LFGP-Dup	☐	☐				X								
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED
EMSL
CINNAMINSON, NJ
2026 JAN 23 A 9:56

Method of Shipment:		Sample Condition Upon Receipt:	Received on Ice? Check if Yes ☐
Relinquished by:	Date/Time:	Received by: Stewart E-FX	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.
Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

EMSL Analytical, Inc.

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

EMSL Order ID: 012607627
LIMS Reference ID: AE07627
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 Durham Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 03/02/2026 15:14

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 821 - LFGP - 1/East Durham Park		**Lims Reference ID:**		**AE07627-01**	**Matrix: Tubes**				**Sampled: 01/23/26 11:55:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:12	CZX	NIOSH 6009
Sample: 821 - LFGP - 2/East Durham Park		**Lims Reference ID:**		**AE07627-02**	**Matrix: Tubes**				**Sampled: 01/23/26 12:02:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:15	CZX	NIOSH 6009
Sample: 821 - LFGP - 3/East Durham Park		**Lims Reference ID:**		**AE07627-03**	**Matrix: Tubes**				**Sampled: 01/23/26 11:50:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:17	CZX	NIOSH 6009
Sample: 821 - LFGP - 4/East Durham Park		**Lims Reference ID:**		**AE07627-04**	**Matrix: Tubes**				**Sampled: 01/23/26 11:46:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:20	CZX	NIOSH 6009
Sample: 821 - LFGP - 5/East Durham Park		**Lims Reference ID:**		**AE07627-05**	**Matrix: Tubes**				**Sampled: 01/23/26 11:04:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:22	CZX	NIOSH 6009
Sample: 821 - LFGP - 6/East Durham Park		**Lims Reference ID:**		**AE07627-06**	**Matrix: Tubes**				**Sampled: 01/23/26 10:49:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:25	CZX	NIOSH 6009
Sample: 821 - LFGP - 7/East Durham Park		**Lims Reference ID:**		**AE07627-07**	**Matrix: Tubes**				**Sampled: 01/23/26 10:51:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:35	CZX	NIOSH 6009
Sample: 821 - LFGP - 8/East Durham Park		**Lims Reference ID:**		**AE07627-08**	**Matrix: Tubes**				**Sampled: 01/23/26 10:55:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:38	CZX	NIOSH 6009
Sample: 821 - LFGP - 9/East Durham Park		**Lims Reference ID:**		**AE07627-09**	**Matrix: Tubes**				**Sampled: 01/23/26 11:45:00**

EMSL Analytical, Inc.

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

EMSL Order ID: 012607627
LIMS Reference ID: AE07627
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 Durham Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 03/02/2026 15:14

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 821 - LFGP - 9/East Durham Park (Continued)			**Lims Reference ID: AE07627-09**			**Matrix: Tubes**			**Sampled: 01/23/26 11:45:00**
Metals									
Mercury	**ND**		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:41	CZX	NIOSH 6009
Sample: 821 - LFGP - DUP/East Durham Park			**Lims Reference ID: AE07627-10**			**Matrix: Tubes**			**Sampled: 01/23/26 10:49:00**
Metals									
Mercury	**ND**		1	0.67	µg/m³	02/10/26 12:27	02/11/26 13:43	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: 012607627
LIMS Reference ID: AE07627
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 Durham Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 03/02/2026 15:14

Work Order Case Narrative

Revised Report - Updated Sample Locations (Initial Report 2/12/26)

EMSL Analytical, Inc.

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

EMSL Order ID: 012607627
LIMS Reference ID: AE07627
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: 23050630 - City of Durham Parks, East Durham Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 03/02/2026 15:14

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.

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EMSL-CIN-01

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Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 03/02/2026 15:14

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: AE07627

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

Project Name/No: 23050630 - City of Durham Parks, East Durham 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
821-LFGP-1	East Durham Park	NIOSH 6009 Mercury	Sorbent tube	0.25	1155	1255		☐ Area ☐ Personal	1/23/26	
821-LFGP-2					1202	1302		☐ Area ☐ Personal		
821-LFGP-3					1150	1250		☐ Area ☐ Personal		
821-LFGP-4					1146	1246		☐ Area ☐ Personal		
821-LFGP-5					1104	1204		☐ Area ☐ Personal		
821-LFGP-6					1049	1149		☐ Area ☐ Personal		
821-LFGP-7					1051	1151		☐ Area ☐ Personal		
821-LFGP-8					1055	1155		☐ 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: [signature] Date/Time: 1/27/26 1230
Received by: [signature] (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 ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE07627

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
821-LF6P-9	East Durham Park	~~NIOSH~~ 6009 modified	Sorbent tube	0.25	1145	1245		☐ Area ☐ Personal	1/23/26	
821-LF6P-Dup	↓	↓	↓	↓	1049	1149		☐ Area ☐ Personal	↓	
								☐ Area ☐ Personal		
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Method of Shipment: Fed-ex		Sample Condition Upon Receipt:	
Relinquished by: [signature]	Date/Time: 1/27/26 1230	Received by: [signature] (EFx)	Date/Time 1/29/26 10:20a
Relinquished by:	Date/Time:	Received by:	Date/Time

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EMSL Order Number / Lab Use Only: AE07627

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

Project Name/No: 23050630 - City of Durham Parks, East Durham 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
821-LFGP-1	East Durham Park	NIOSH 6009 mercury	Sorbent tube	0.25	1155	1255		☐ Area ☐ Personal	1/23/26	
821-LFGP-2					1202	1302		☐ Area ☐ Personal		
821-LFGP-3					1150	1250		☐ Area ☐ Personal		
821-LFGP-4					1146	1246		☐ Area ☐ Personal		
821-LFGP-5					1104	1204		☐ Area ☐ Personal		
821-LFGP-6					1049	1149		☐ Area ☐ Personal		
821-LFGP-7					1051	1151		☐ Area ☐ Personal		
821-LFGP-8					1055	1155		☐ 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: K Donnelly (EFX) — Date/Time: 1/29/26 10:20a

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

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EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE07627

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
821-LF6P-9	East Durham Park	NIOSH 6009 metals	Sorbent tube	0.25	1145	1245		☐ Area ☐ Personal	1/23/26	
821-LF6P-DUP	↓	↓	↓	↓	1049	1149		☐ Area ☐ Personal	↓	
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
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								☐ Area ☐ Personal		

Method of Shipment: Fed-Ex		Sample Condition Upon Receipt:	
Relinquished by: [signature]	Date/Time: 1/27/26 1230	Received by: [signature] (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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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2026 9:39:58 AM

JOB DESCRIPTION

East Durham Park, Durham, NC

JOB NUMBER

752-41560-1

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: 752-41560-1
Project/Site: East Durham 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
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.

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
752-41560-1

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 2/4/2026 12:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.5°C, 2.3°C and 2.4°C.

GC/MS VOA
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)

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 sample was diluted to bring the concentration of Sulfate within the calibration range: 821-MW-1 (752-41560-1). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-1 — Lab Sample ID: 752-41560-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	7.44	J	9.87	2.37	ug/L	1		8270E	Total/NA
Barium	154		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	82.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.45	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	8.76		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.318		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.318		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	61.0		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-2 — Lab Sample ID: 752-41560-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.328	J	1.00	0.320	ug/L	1		8260D	Total/NA
Arsenic	1.63	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	598		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	64.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.29	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrite as N	0.306		0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.148	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Sulfate	13.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-3 — Lab Sample ID: 752-41560-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	7.06	J	9.71	2.33	ug/L	1		8270E	Total/NA
Arsenic	3.70	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	403		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	359		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.709	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	10.8		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0210	J F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0210	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	6.74		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-4 — Lab Sample ID: 752-41560-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.29	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	551		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	181		5.00	1.29	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 821-MW-4 (Continued)
Lab Sample ID: 752-41560-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.437	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	38.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0380	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0380	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	2.68	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	122		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	5.70		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	16.1		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	13.5		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.42		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	1.42		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	18.2		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-6
Lab Sample ID: 752-41560-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	35.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	10.1		5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	1.23	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	6.91		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	38.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.20	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	25.4		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.68		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	1.68		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	14.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	357		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	107		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.930	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.37	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0260	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0260	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 821-MW-7 (Continued)
Lab Sample ID: 752-41560-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	36.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-8
Lab Sample ID: 752-41560-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	122		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.33		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	293		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	6.56		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	5.05		5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	14.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Sulfate	36.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.20		5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	410		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	169		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.873		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	25.7		5.00	1.22	ug/L	1		6020B	Total Recoverable
Mercury	0.277		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	0.190		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.190		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	13.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-MW-Dup
Lab Sample ID: 752-41560-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	7.53	J	10.2	2.45	ug/L	1		8270E	Total/NA
Barium	114		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	4.08	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.494	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	13.0		5.00	1.22	ug/L	1		6020B	Total Recoverable
Mercury	0.473		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	1.50		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	1.50		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	18.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-41560-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-1
Lab Sample ID: 752-41560-1
Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 12:30

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 01:41	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 01:41	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 01:41	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 01:41	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 01:41	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 01:41	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 01:41	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 01:41	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 01:41	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 01:41	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 01:41	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 01:41	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 01:41	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 01:41	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 01:41	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 01:41	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 01:41	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 01:41	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 01:41	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 01:41	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 01:41	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 01:41	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 01:41	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 01:41	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 01:41	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 01:41	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 01:41	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 01:41	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 01:41	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 01:41	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 01:41	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 01:41	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 01:41	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 01:41	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 01:41	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 01:41	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 01:41	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 01:41	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 01:41	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 01:41	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 01:41	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 01:41	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 01:41	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 01:41	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 01:41	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 01:41	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 01:41	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 01:41	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 01:41	1

Client Sample ID: 821-MW-1
Lab Sample ID: 752-41560-1
Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 01:41	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 01:41	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 01:41	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 01:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 01:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 01:41	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 01:41	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 01:41	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 01:41	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 01:41	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 01:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 01:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 01:41	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 01:41	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 01:41	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 01:41	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 01:41	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 01:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 01:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 01:41	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 01:41	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 01:41	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 01:41*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/12/26 01:41*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 01:41*	*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		0.296	0.296	ug/L		02/06/26 13:46	02/10/26 14:18	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 14:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.87	0.414	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,4,5-Trichlorophenol	ND		9.87	0.533	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,4,6-Trichlorophenol	ND		9.87	1.08	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,4-Dichlorophenol	ND		9.87	0.563	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,4-Dimethylphenol	ND	F2 F1	9.87	0.237	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,4-Dinitrophenol	ND		29.6	4.62	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,4-Dinitrotoluene	ND		9.87	0.641	ug/L		02/06/26 13:46	02/10/26 14:18	1
2,6-Dinitrotoluene	ND		9.87	0.286	ug/L		02/06/26 13:46	02/10/26 14:18	1
2-Chloronaphthalene	ND		9.87	0.375	ug/L		02/06/26 13:46	02/10/26 14:18	1
2-Chlorophenol	ND		9.87	0.829	ug/L		02/06/26 13:46	02/10/26 14:18	1
2-Methylnaphthalene	ND		9.87	0.799	ug/L		02/06/26 13:46	02/10/26 14:18	1
2-Methylphenol	ND	F2 F1	9.87	0.750	ug/L		02/06/26 13:46	02/10/26 14:18	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-1
Lab Sample ID: 752-41560-1
Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.87	1.35	ug/L		02/06/26 13:46	02/10/26 14:18	1
2-Nitrophenol	ND		9.87	1.15	ug/L		02/06/26 13:46	02/10/26 14:18	1
3 & 4 Methylphenol	ND	F2 F1	19.7	4.54	ug/L		02/06/26 13:46	02/10/26 14:18	1
3,3'-Dichlorobenzidine	ND	F1	10.9	0.405	ug/L		02/06/26 13:46	02/10/26 14:18	1
3-Nitroaniline	ND		9.87	0.938	ug/L		02/06/26 13:46	02/10/26 14:18	1
4,6-Dinitro-2-methylphenol	ND		9.87	1.94	ug/L		02/06/26 13:46	02/10/26 14:18	1
4-Bromophenyl phenyl ether	ND		9.87	0.128	ug/L		02/06/26 13:46	02/10/26 14:18	1
4-Chloro-3-methylphenol	ND		9.87	0.720	ug/L		02/06/26 13:46	02/10/26 14:18	1
4-Chloroaniline	ND		9.87	0.572	ug/L		02/06/26 13:46	02/10/26 14:18	1
4-Chlorophenyl phenyl ether	ND		9.87	0.237	ug/L		02/06/26 13:46	02/10/26 14:18	1
4-Nitroaniline	ND		9.87	3.45	ug/L		02/06/26 13:46	02/10/26 14:18	1
4-Nitrophenol	ND		9.87	2.70	ug/L		02/06/26 13:46	02/10/26 14:18	1
Acenaphthene	ND		9.87	0.622	ug/L		02/06/26 13:46	02/10/26 14:18	1
Acenaphthylene	ND		9.87	0.750	ug/L		02/06/26 13:46	02/10/26 14:18	1
Acetophenone	ND		9.87	3.16	ug/L		02/06/26 13:46	02/10/26 14:18	1
Anthracene	ND		9.87	0.898	ug/L		02/06/26 13:46	02/10/26 14:18	1
Atrazine	ND		9.87	1.12	ug/L		02/06/26 13:46	02/10/26 14:18	1
Benzaldehyde	ND	F1	9.87	0.661	ug/L		02/06/26 13:46	02/10/26 14:18	1
Benzo[a]anthracene	ND		9.87	0.987	ug/L		02/06/26 13:46	02/10/26 14:18	1
Benzo[a]pyrene	ND		9.87	1.09	ug/L		02/06/26 13:46	02/10/26 14:18	1
Benzo[b]fluoranthene	ND		9.87	1.18	ug/L		02/06/26 13:46	02/10/26 14:18	1
Benzo[g,h,i]perylene	ND		9.87	1.48	ug/L		02/06/26 13:46	02/10/26 14:18	1
Benzo[k]fluoranthene	ND		9.87	1.48	ug/L		02/06/26 13:46	02/10/26 14:18	1
bis (2-chloroisopropyl) ether	ND		9.87	0.918	ug/L		02/06/26 13:46	02/10/26 14:18	1
Bis(2-chloroethoxy)methane	ND		9.87	0.336	ug/L		02/06/26 13:46	02/10/26 14:18	1
Bis(2-chloroethyl)ether	ND		9.87	0.720	ug/L		02/06/26 13:46	02/10/26 14:18	1
Bis(2-ethylhexyl) phthalate	ND		9.87	3.95	ug/L		02/06/26 13:46	02/10/26 14:18	1
Butyl benzyl phthalate	ND		9.87	3.95	ug/L		02/06/26 13:46	02/10/26 14:18	1
Caprolactam	**7.44**	**J**	9.87	2.37	ug/L		02/06/26 13:46	02/10/26 14:18	1
Carbazole	ND		9.87	0.316	ug/L		02/06/26 13:46	02/10/26 14:18	1
Chrysene	ND		9.87	1.18	ug/L		02/06/26 13:46	02/10/26 14:18	1
Dibenz(a,h)anthracene	ND		9.87	1.28	ug/L		02/06/26 13:46	02/10/26 14:18	1
Dibenzofuran	ND		9.87	0.632	ug/L		02/06/26 13:46	02/10/26 14:18	1
Diethyl phthalate	ND		9.87	3.95	ug/L		02/06/26 13:46	02/10/26 14:18	1
Dimethyl phthalate	ND	F1	9.87	3.95	ug/L		02/06/26 13:46	02/10/26 14:18	1
Di-n-butyl phthalate	ND		9.87	8.08	ug/L		02/06/26 13:46	02/10/26 14:18	1
Di-n-octyl phthalate	ND		9.87	3.95	ug/L		02/06/26 13:46	02/10/26 14:18	1
Fluoranthene	ND		9.87	0.622	ug/L		02/06/26 13:46	02/10/26 14:18	1
Fluorene	ND		9.87	0.661	ug/L		02/06/26 13:46	02/10/26 14:18	1
Hexachlorobenzene	ND		9.87	0.247	ug/L		02/06/26 13:46	02/10/26 14:18	1
Hexachlorobutadiene	ND	F1	9.87	0.543	ug/L		02/06/26 13:46	02/10/26 14:18	1
Hexachlorocyclopentadiene	ND	F1	19.7	0.316	ug/L		02/06/26 13:46	02/10/26 14:18	1
Hexachloroethane	ND	F1	9.87	0.523	ug/L		02/06/26 13:46	02/10/26 14:18	1
Indeno[1,2,3-cd]pyrene	ND		9.87	1.09	ug/L		02/06/26 13:46	02/10/26 14:18	1
Isophorone	ND		9.87	0.789	ug/L		02/06/26 13:46	02/10/26 14:18	1
Naphthalene	ND		9.87	0.740	ug/L		02/06/26 13:46	02/10/26 14:18	1
Nitrobenzene	ND		9.87	0.592	ug/L		02/06/26 13:46	02/10/26 14:18	1
N-Nitrosodi-n-propylamine	ND		9.87	0.326	ug/L		02/06/26 13:46	02/10/26 14:18	1
N-Nitrosodiphenylamine	ND		9.87	0.188	ug/L		02/06/26 13:46	02/10/26 14:18	1

Client Sample ID: 821-MW-1
Lab Sample ID: 752-41560-1
Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.87	2.76	ug/L		02/06/26 13:46	02/10/26 14:18	1
Phenanthrene	ND		9.87	0.730	ug/L		02/06/26 13:46	02/10/26 14:18	1
Phenol	ND	F2 F1	9.87	0.671	ug/L		02/06/26 13:46	02/10/26 14:18	1
Pyrene	ND		9.87	0.622	ug/L		02/06/26 13:46	02/10/26 14:18	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 14:18*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*02/06/26 13:46*	*02/10/26 14:18*	*1*
2-Fluorophenol (Surr)	*59*		*10 - 150*	*02/06/26 13:46*	*02/10/26 14:18*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*02/06/26 13:46*	*02/10/26 14:18*	*1*
Phenol-d5 (Surr)	*52*		*10 - 150*	*02/06/26 13:46*	*02/10/26 14:18*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*02/06/26 13:46*	*02/10/26 14:18*	*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		02/05/26 12:50	02/09/26 20:00	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:00	1
Barium	**154**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:00	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:00	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:00	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:00	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:00	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:00	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:00	1
Manganese	**82.7**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:00	1
Nickel	**1.45**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:00	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:00	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:00	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:00	1
Vanadium	**8.76**		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:00	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/11/26 11:30	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:23	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.318**		0.100	0.0100	mg/L			02/06/26 15:36	1
Nitrate as N (SM Nitrate by calc)	**0.318**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**61.0**		10.0	2.80	mg/L			02/12/26 15:18	2

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-2
Lab Sample ID: 752-41560-2
Date Collected: 02/03/26 15:20
Matrix: Water
Date Received: 02/04/26 12:30

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 18:12	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 18:12	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 18:12	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 18:12	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 18:12	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 18:12	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 18:12	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 18:12	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 18:12	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 18:12	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 18:12	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 18:12	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 18:12	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 18:12	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 18:12	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 18:12	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 18:12	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 18:12	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 18:12	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 18:12	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 18:12	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 18:12	1
1,4-Dichlorobenzene	**0.328**	**J**	1.00	0.320	ug/L			02/07/26 18:12	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 18:12	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 18:12	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 18:12	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 18:12	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 18:12	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 18:12	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 18:12	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 18:12	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 18:12	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 18:12	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 18:12	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 18:12	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 18:12	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 18:12	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 18:12	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 18:12	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 18:12	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 18:12	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 18:12	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 18:12	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 18:12	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 18:12	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 18:12	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 18:12	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 18:12	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 18:12	1

Client Sample ID: 821-MW-2
Lab Sample ID: 752-41560-2
Date Collected: 02/03/26 15:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 18:12	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 18:12	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 18:12	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 18:12	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 18:12	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 18:12	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 18:12	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 18:12	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 18:12	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 18:12	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 18:12	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 18:12	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 18:12	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 18:12	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 18:12	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 18:12	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 18:12	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 18:12	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 18:12	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 18:12	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 18:12	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 18:12	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 18:12*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/07/26 18:12*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/07/26 18:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		02/06/26 13:46	02/10/26 14:48	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 14:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.84	0.413	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,4,5-Trichlorophenol	ND		9.84	0.531	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,4,6-Trichlorophenol	ND		9.84	1.07	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,4-Dichlorophenol	ND		9.84	0.561	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,4-Dimethylphenol	ND		9.84	0.236	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,4-Dinitrophenol	ND		29.5	4.60	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,4-Dinitrotoluene	ND		9.84	0.639	ug/L		02/06/26 13:46	02/10/26 14:48	1
2,6-Dinitrotoluene	ND		9.84	0.285	ug/L		02/06/26 13:46	02/10/26 14:48	1
2-Chloronaphthalene	ND		9.84	0.374	ug/L		02/06/26 13:46	02/10/26 14:48	1
2-Chlorophenol	ND		9.84	0.826	ug/L		02/06/26 13:46	02/10/26 14:48	1
2-Methylnaphthalene	ND		9.84	0.797	ug/L		02/06/26 13:46	02/10/26 14:48	1
2-Methylphenol	ND		9.84	0.748	ug/L		02/06/26 13:46	02/10/26 14:48	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-2
Lab Sample ID: 752-41560-2
Date Collected: 02/03/26 15:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.84	1.35	ug/L		02/06/26 13:46	02/10/26 14:48	1
2-Nitrophenol	ND		9.84	1.15	ug/L		02/06/26 13:46	02/10/26 14:48	1
3 & 4 Methylphenol	ND		19.7	4.52	ug/L		02/06/26 13:46	02/10/26 14:48	1
3,3'-Dichlorobenzidine	ND		10.8	0.403	ug/L		02/06/26 13:46	02/10/26 14:48	1
3-Nitroaniline	ND		9.84	0.934	ug/L		02/06/26 13:46	02/10/26 14:48	1
4,6-Dinitro-2-methylphenol	ND		9.84	1.94	ug/L		02/06/26 13:46	02/10/26 14:48	1
4-Bromophenyl phenyl ether	ND		9.84	0.128	ug/L		02/06/26 13:46	02/10/26 14:48	1
4-Chloro-3-methylphenol	ND		9.84	0.718	ug/L		02/06/26 13:46	02/10/26 14:48	1
4-Chloroaniline	ND		9.84	0.570	ug/L		02/06/26 13:46	02/10/26 14:48	1
4-Chlorophenyl phenyl ether	ND		9.84	0.236	ug/L		02/06/26 13:46	02/10/26 14:48	1
4-Nitroaniline	ND		9.84	3.44	ug/L		02/06/26 13:46	02/10/26 14:48	1
4-Nitrophenol	ND		9.84	2.70	ug/L		02/06/26 13:46	02/10/26 14:48	1
Acenaphthene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 14:48	1
Acenaphthylene	ND		9.84	0.748	ug/L		02/06/26 13:46	02/10/26 14:48	1
Acetophenone	ND		9.84	3.15	ug/L		02/06/26 13:46	02/10/26 14:48	1
Anthracene	ND		9.84	0.895	ug/L		02/06/26 13:46	02/10/26 14:48	1
Atrazine	ND		9.84	1.11	ug/L		02/06/26 13:46	02/10/26 14:48	1
Benzaldehyde	ND		9.84	0.659	ug/L		02/06/26 13:46	02/10/26 14:48	1
Benzo[a]anthracene	ND		9.84	0.984	ug/L		02/06/26 13:46	02/10/26 14:48	1
Benzo[a]pyrene	ND		9.84	1.08	ug/L		02/06/26 13:46	02/10/26 14:48	1
Benzo[b]fluoranthene	ND		9.84	1.18	ug/L		02/06/26 13:46	02/10/26 14:48	1
Benzo[g,h,i]perylene	ND		9.84	1.48	ug/L		02/06/26 13:46	02/10/26 14:48	1
Benzo[k]fluoranthene	ND		9.84	1.48	ug/L		02/06/26 13:46	02/10/26 14:48	1
bis (2-chloroisopropyl) ether	ND		9.84	0.915	ug/L		02/06/26 13:46	02/10/26 14:48	1
Bis(2-chloroethoxy)methane	ND		9.84	0.334	ug/L		02/06/26 13:46	02/10/26 14:48	1
Bis(2-chloroethyl)ether	ND		9.84	0.718	ug/L		02/06/26 13:46	02/10/26 14:48	1
Bis(2-ethylhexyl) phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 14:48	1
Butyl benzyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 14:48	1
Caprolactam	ND		9.84	2.36	ug/L		02/06/26 13:46	02/10/26 14:48	1
Carbazole	ND		9.84	0.315	ug/L		02/06/26 13:46	02/10/26 14:48	1
Chrysene	ND		9.84	1.18	ug/L		02/06/26 13:46	02/10/26 14:48	1
Dibenz(a,h)anthracene	ND		9.84	1.28	ug/L		02/06/26 13:46	02/10/26 14:48	1
Dibenzofuran	ND		9.84	0.630	ug/L		02/06/26 13:46	02/10/26 14:48	1
Diethyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 14:48	1
Dimethyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 14:48	1
Di-n-butyl phthalate	ND		9.84	8.06	ug/L		02/06/26 13:46	02/10/26 14:48	1
Di-n-octyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 14:48	1
Fluoranthene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 14:48	1
Fluorene	ND		9.84	0.659	ug/L		02/06/26 13:46	02/10/26 14:48	1
Hexachlorobenzene	ND		9.84	0.246	ug/L		02/06/26 13:46	02/10/26 14:48	1
Hexachlorobutadiene	ND		9.84	0.541	ug/L		02/06/26 13:46	02/10/26 14:48	1
Hexachlorocyclopentadiene	ND		19.7	0.315	ug/L		02/06/26 13:46	02/10/26 14:48	1
Hexachloroethane	ND		9.84	0.521	ug/L		02/06/26 13:46	02/10/26 14:48	1
Indeno[1,2,3-cd]pyrene	ND		9.84	1.08	ug/L		02/06/26 13:46	02/10/26 14:48	1
Isophorone	ND		9.84	0.787	ug/L		02/06/26 13:46	02/10/26 14:48	1
Naphthalene	ND		9.84	0.738	ug/L		02/06/26 13:46	02/10/26 14:48	1
Nitrobenzene	ND		9.84	0.590	ug/L		02/06/26 13:46	02/10/26 14:48	1
N-Nitrosodi-n-propylamine	ND		9.84	0.325	ug/L		02/06/26 13:46	02/10/26 14:48	1
N-Nitrosodiphenylamine	ND		9.84	0.187	ug/L		02/06/26 13:46	02/10/26 14:48	1

Client Sample ID: 821-MW-2
Lab Sample ID: 752-41560-2

Date Collected: 02/03/26 15:20
Matrix: Water

Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.84	2.75	ug/L		02/06/26 13:46	02/10/26 14:48	1
Phenanthrene	ND		9.84	0.728	ug/L		02/06/26 13:46	02/10/26 14:48	1
Phenol	ND		9.84	0.669	ug/L		02/06/26 13:46	02/10/26 14:48	1
Pyrene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*02/06/26 13:46*	*02/10/26 14:48*	*1*
2-Fluorobiphenyl (Surr)	*55*		*25 - 139*	*02/06/26 13:46*	*02/10/26 14:48*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 150*	*02/06/26 13:46*	*02/10/26 14:48*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*02/06/26 13:46*	*02/10/26 14:48*	*1*
Phenol-d5 (Surr)	*41*		*10 - 150*	*02/06/26 13:46*	*02/10/26 14:48*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*02/06/26 13:46*	*02/10/26 14:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 20:11	1
Arsenic	**1.63**	**J**	5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:11	1
Barium	**598**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:11	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:11	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:11	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:11	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:11	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:11	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:11	1
Manganese	**64.6**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:11	1
Nickel	**1.29**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:11	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:11	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:11	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:11	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:11	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/11/26 11:32	1
Nitrite as N (EPA 353.2)	**0.306**		0.100	0.0168	mg/L			02/04/26 17:24	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.148**	**F1**	0.100	0.0100	mg/L			02/06/26 15:38	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**13.1**		5.00	1.40	mg/L			02/11/26 17:01	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-3
Lab Sample ID: 752-41560-3
Date Collected: 02/03/26 13:10
Matrix: Water
Date Received: 02/04/26 12:30

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 02:05	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 02:05	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 02:05	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 02:05	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 02:05	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 02:05	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 02:05	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 02:05	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 02:05	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 02:05	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 02:05	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 02:05	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 02:05	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 02:05	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 02:05	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 02:05	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 02:05	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 02:05	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 02:05	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 02:05	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 02:05	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 02:05	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 02:05	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 02:05	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 02:05	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 02:05	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 02:05	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 02:05	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 02:05	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 02:05	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 02:05	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 02:05	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 02:05	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 02:05	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 02:05	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 02:05	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 02:05	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 02:05	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 02:05	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 02:05	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 02:05	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 02:05	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 02:05	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 02:05	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 02:05	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 02:05	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 02:05	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 02:05	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 02:05	1

Client Sample ID: 821-MW-3
Lab Sample ID: 752-41560-3
Date Collected: 02/03/26 13:10
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 02:05	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 02:05	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 02:05	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 02:05	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 02:05	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 02:05	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 02:05	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 02:05	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 02:05	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 02:05	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 02:05	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 02:05	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 02:05	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 02:05	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 02:05	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 02:05	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 02:05	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 02:05	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 02:05	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 02:05	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 02:05	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 02:05	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*02/12/26 02:05*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/12/26 02:05*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 02:05*	*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		0.291	0.291	ug/L		02/06/26 13:46	02/10/26 15:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*69*		*40 - 150*	*02/06/26 13:46*	*02/10/26 15:18*	*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		9.71	0.408	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,4,5-Trichlorophenol	ND		9.71	0.524	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,4,6-Trichlorophenol	ND		9.71	1.06	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,4-Dichlorophenol	ND		9.71	0.553	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,4-Dimethylphenol	ND		9.71	0.233	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,4-Dinitrophenol	ND		29.1	4.54	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,4-Dinitrotoluene	ND		9.71	0.631	ug/L		02/06/26 13:46	02/10/26 15:18	1
2,6-Dinitrotoluene	ND		9.71	0.282	ug/L		02/06/26 13:46	02/10/26 15:18	1
2-Chloronaphthalene	ND		9.71	0.369	ug/L		02/06/26 13:46	02/10/26 15:18	1
2-Chlorophenol	ND		9.71	0.816	ug/L		02/06/26 13:46	02/10/26 15:18	1
2-Methylnaphthalene	ND		9.71	0.786	ug/L		02/06/26 13:46	02/10/26 15:18	1
2-Methylphenol	ND		9.71	0.738	ug/L		02/06/26 13:46	02/10/26 15:18	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-3
Lab Sample ID: 752-41560-3
Date Collected: 02/03/26 13:10
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.71	1.33	ug/L		02/06/26 13:46	02/10/26 15:18	1
2-Nitrophenol	ND		9.71	1.14	ug/L		02/06/26 13:46	02/10/26 15:18	1
3 & 4 Methylphenol	ND		19.4	4.47	ug/L		02/06/26 13:46	02/10/26 15:18	1
3,3'-Dichlorobenzidine	ND		10.7	0.398	ug/L		02/06/26 13:46	02/10/26 15:18	1
3-Nitroaniline	ND		9.71	0.922	ug/L		02/06/26 13:46	02/10/26 15:18	1
4,6-Dinitro-2-methylphenol	ND		9.71	1.91	ug/L		02/06/26 13:46	02/10/26 15:18	1
4-Bromophenyl phenyl ether	ND		9.71	0.126	ug/L		02/06/26 13:46	02/10/26 15:18	1
4-Chloro-3-methylphenol	ND		9.71	0.709	ug/L		02/06/26 13:46	02/10/26 15:18	1
4-Chloroaniline	ND		9.71	0.563	ug/L		02/06/26 13:46	02/10/26 15:18	1
4-Chlorophenyl phenyl ether	ND		9.71	0.233	ug/L		02/06/26 13:46	02/10/26 15:18	1
4-Nitroaniline	ND		9.71	3.40	ug/L		02/06/26 13:46	02/10/26 15:18	1
4-Nitrophenol	ND		9.71	2.66	ug/L		02/06/26 13:46	02/10/26 15:18	1
Acenaphthene	ND		9.71	0.612	ug/L		02/06/26 13:46	02/10/26 15:18	1
Acenaphthylene	ND		9.71	0.738	ug/L		02/06/26 13:46	02/10/26 15:18	1
Acetophenone	ND		9.71	3.11	ug/L		02/06/26 13:46	02/10/26 15:18	1
Anthracene	ND		9.71	0.883	ug/L		02/06/26 13:46	02/10/26 15:18	1
Atrazine	ND		9.71	1.10	ug/L		02/06/26 13:46	02/10/26 15:18	1
Benzaldehyde	ND		9.71	0.650	ug/L		02/06/26 13:46	02/10/26 15:18	1
Benzo[a]anthracene	ND		9.71	0.971	ug/L		02/06/26 13:46	02/10/26 15:18	1
Benzo[a]pyrene	ND		9.71	1.07	ug/L		02/06/26 13:46	02/10/26 15:18	1
Benzo[b]fluoranthene	ND		9.71	1.17	ug/L		02/06/26 13:46	02/10/26 15:18	1
Benzo[g,h,i]perylene	ND		9.71	1.46	ug/L		02/06/26 13:46	02/10/26 15:18	1
Benzo[k]fluoranthene	ND		9.71	1.46	ug/L		02/06/26 13:46	02/10/26 15:18	1
bis (2-chloroisopropyl) ether	ND		9.71	0.903	ug/L		02/06/26 13:46	02/10/26 15:18	1
Bis(2-chloroethoxy)methane	ND		9.71	0.330	ug/L		02/06/26 13:46	02/10/26 15:18	1
Bis(2-chloroethyl)ether	ND		9.71	0.709	ug/L		02/06/26 13:46	02/10/26 15:18	1
Bis(2-ethylhexyl) phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 15:18	1
Butyl benzyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 15:18	1
Caprolactam	**7.06**	**J**	9.71	2.33	ug/L		02/06/26 13:46	02/10/26 15:18	1
Carbazole	ND		9.71	0.311	ug/L		02/06/26 13:46	02/10/26 15:18	1
Chrysene	ND		9.71	1.17	ug/L		02/06/26 13:46	02/10/26 15:18	1
Dibenz(a,h)anthracene	ND		9.71	1.26	ug/L		02/06/26 13:46	02/10/26 15:18	1
Dibenzofuran	ND		9.71	0.621	ug/L		02/06/26 13:46	02/10/26 15:18	1
Diethyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 15:18	1
Dimethyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 15:18	1
Di-n-butyl phthalate	ND		9.71	7.95	ug/L		02/06/26 13:46	02/10/26 15:18	1
Di-n-octyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 15:18	1
Fluoranthene	ND		9.71	0.612	ug/L		02/06/26 13:46	02/10/26 15:18	1
Fluorene	ND		9.71	0.650	ug/L		02/06/26 13:46	02/10/26 15:18	1
Hexachlorobenzene	ND		9.71	0.243	ug/L		02/06/26 13:46	02/10/26 15:18	1
Hexachlorobutadiene	ND		9.71	0.534	ug/L		02/06/26 13:46	02/10/26 15:18	1
Hexachlorocyclopentadiene	ND		19.4	0.311	ug/L		02/06/26 13:46	02/10/26 15:18	1
Hexachloroethane	ND		9.71	0.515	ug/L		02/06/26 13:46	02/10/26 15:18	1
Indeno[1,2,3-cd]pyrene	ND		9.71	1.07	ug/L		02/06/26 13:46	02/10/26 15:18	1
Isophorone	ND		9.71	0.777	ug/L		02/06/26 13:46	02/10/26 15:18	1
Naphthalene	ND		9.71	0.728	ug/L		02/06/26 13:46	02/10/26 15:18	1
Nitrobenzene	ND		9.71	0.583	ug/L		02/06/26 13:46	02/10/26 15:18	1
N-Nitrosodi-n-propylamine	ND		9.71	0.320	ug/L		02/06/26 13:46	02/10/26 15:18	1
N-Nitrosodiphenylamine	ND		9.71	0.184	ug/L		02/06/26 13:46	02/10/26 15:18	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-3
Lab Sample ID: 752-41560-3
Date Collected: 02/03/26 13:10
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.71	2.72	ug/L		02/06/26 13:46	02/10/26 15:18	1
Phenanthrene	ND		9.71	0.718	ug/L		02/06/26 13:46	02/10/26 15:18	1
Phenol	ND		9.71	0.660	ug/L		02/06/26 13:46	02/10/26 15:18	1
Pyrene	ND		9.71	0.612	ug/L		02/06/26 13:46	02/10/26 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 150*	*02/06/26 13:46*	*02/10/26 15:18*	*1*
2-Fluorobiphenyl (Surr)	*54*		*25 - 139*	*02/06/26 13:46*	*02/10/26 15:18*	*1*
2-Fluorophenol (Surr)	*61*		*10 - 150*	*02/06/26 13:46*	*02/10/26 15:18*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 150*	*02/06/26 13:46*	*02/10/26 15:18*	*1*
Phenol-d5 (Surr)	*51*		*10 - 150*	*02/06/26 13:46*	*02/10/26 15:18*	*1*
Terphenyl-d14 (Surr)	*41*		*28 - 150*	*02/06/26 13:46*	*02/10/26 15:18*	*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		02/05/26 12:50	02/09/26 20:14	1
Arsenic	**3.70**	**J**	5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:14	1
Barium	**403**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:14	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:14	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:14	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:14	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:14	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:14	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:14	1
Manganese	**359**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:14	1
Nickel	**0.709**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:14	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:14	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:14	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:14	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:14	1
Zinc	**10.8**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/11/26 11:34	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:26	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0210**	**J F1**	0.100	0.0100	mg/L			02/06/26 15:43	1
Nitrate as N (SM Nitrate by calc)	**0.0210**	**J**	0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**6.74**		5.00	1.40	mg/L			02/11/26 17:01	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-4
Lab Sample ID: 752-41560-4
Date Collected: 02/03/26 13:45
Matrix: Water
Date Received: 02/04/26 12:30

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 02:29	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 02:29	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 02:29	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 02:29	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 02:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 02:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 02:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 02:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 02:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 02:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 02:29	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 02:29	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 02:29	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 02:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 02:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 02:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 02:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 02:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 02:29	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 02:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 02:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 02:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 02:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 02:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 02:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 02:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 02:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 02:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 02:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 02:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 02:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 02:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 02:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 02:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 02:29	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 02:29	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 02:29	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 02:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 02:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 02:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 02:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 02:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 02:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 02:29	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 02:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 02:29	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 02:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 02:29	1

Client Sample ID: 821-MW-4
Lab Sample ID: 752-41560-4
Date Collected: 02/03/26 13:45
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 02:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 02:29	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 02:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 02:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 02:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 02:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 02:29	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 02:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 02:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 02:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 02:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 02:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 02:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 02:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 02:29	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 02:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 02:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 02:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 02:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 02:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 02:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 02:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 02:29*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*02/12/26 02:29*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/12/26 02:29*	*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		0.298	0.298	ug/L		02/06/26 13:46	02/10/26 15:49	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 15:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		02/06/26 13:46	02/10/26 15:49	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		02/06/26 13:46	02/10/26 15:49	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		02/06/26 13:46	02/10/26 15:49	1
2-Chlorophenol	ND		9.93	0.834	ug/L		02/06/26 13:46	02/10/26 15:49	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		02/06/26 13:46	02/10/26 15:49	1
2-Methylphenol	ND		9.93	0.755	ug/L		02/06/26 13:46	02/10/26 15:49	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-4
Lab Sample ID: 752-41560-4
Date Collected: 02/03/26 13:45
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.93	1.36	ug/L		02/06/26 13:46	02/10/26 15:49	1
2-Nitrophenol	ND		9.93	1.16	ug/L		02/06/26 13:46	02/10/26 15:49	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		02/06/26 13:46	02/10/26 15:49	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		02/06/26 13:46	02/10/26 15:49	1
3-Nitroaniline	ND		9.93	0.944	ug/L		02/06/26 13:46	02/10/26 15:49	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		02/06/26 13:46	02/10/26 15:49	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		02/06/26 13:46	02/10/26 15:49	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		02/06/26 13:46	02/10/26 15:49	1
4-Chloroaniline	ND		9.93	0.576	ug/L		02/06/26 13:46	02/10/26 15:49	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		02/06/26 13:46	02/10/26 15:49	1
4-Nitroaniline	ND		9.93	3.48	ug/L		02/06/26 13:46	02/10/26 15:49	1
4-Nitrophenol	ND		9.93	2.72	ug/L		02/06/26 13:46	02/10/26 15:49	1
Acenaphthene	ND		9.93	0.626	ug/L		02/06/26 13:46	02/10/26 15:49	1
Acenaphthylene	ND		9.93	0.755	ug/L		02/06/26 13:46	02/10/26 15:49	1
Acetophenone	ND		9.93	3.18	ug/L		02/06/26 13:46	02/10/26 15:49	1
Anthracene	ND		9.93	0.904	ug/L		02/06/26 13:46	02/10/26 15:49	1
Atrazine	ND		9.93	1.12	ug/L		02/06/26 13:46	02/10/26 15:49	1
Benzaldehyde	ND		9.93	0.666	ug/L		02/06/26 13:46	02/10/26 15:49	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		02/06/26 13:46	02/10/26 15:49	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		02/06/26 13:46	02/10/26 15:49	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		02/06/26 13:46	02/10/26 15:49	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		02/06/26 13:46	02/10/26 15:49	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		02/06/26 13:46	02/10/26 15:49	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		02/06/26 13:46	02/10/26 15:49	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		02/06/26 13:46	02/10/26 15:49	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		02/06/26 13:46	02/10/26 15:49	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		02/06/26 13:46	02/10/26 15:49	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		02/06/26 13:46	02/10/26 15:49	1
Caprolactam	ND		9.93	2.38	ug/L		02/06/26 13:46	02/10/26 15:49	1
Carbazole	ND		9.93	0.318	ug/L		02/06/26 13:46	02/10/26 15:49	1
Chrysene	ND		9.93	1.19	ug/L		02/06/26 13:46	02/10/26 15:49	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		02/06/26 13:46	02/10/26 15:49	1
Dibenzofuran	ND		9.93	0.636	ug/L		02/06/26 13:46	02/10/26 15:49	1
Diethyl phthalate	ND		9.93	3.97	ug/L		02/06/26 13:46	02/10/26 15:49	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		02/06/26 13:46	02/10/26 15:49	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		02/06/26 13:46	02/10/26 15:49	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		02/06/26 13:46	02/10/26 15:49	1
Fluoranthene	ND		9.93	0.626	ug/L		02/06/26 13:46	02/10/26 15:49	1
Fluorene	ND		9.93	0.666	ug/L		02/06/26 13:46	02/10/26 15:49	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		02/06/26 13:46	02/10/26 15:49	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		02/06/26 13:46	02/10/26 15:49	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		02/06/26 13:46	02/10/26 15:49	1
Hexachloroethane	ND		9.93	0.526	ug/L		02/06/26 13:46	02/10/26 15:49	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		02/06/26 13:46	02/10/26 15:49	1
Isophorone	ND		9.93	0.795	ug/L		02/06/26 13:46	02/10/26 15:49	1
Naphthalene	ND		9.93	0.745	ug/L		02/06/26 13:46	02/10/26 15:49	1
Nitrobenzene	ND		9.93	0.596	ug/L		02/06/26 13:46	02/10/26 15:49	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		02/06/26 13:46	02/10/26 15:49	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		02/06/26 13:46	02/10/26 15:49	1

Client Sample ID: 821-MW-4
Lab Sample ID: 752-41560-4
Date Collected: 02/03/26 13:45
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.93	2.78	ug/L		02/06/26 13:46	02/10/26 15:49	1
Phenanthrene	ND		9.93	0.735	ug/L		02/06/26 13:46	02/10/26 15:49	1
Phenol	ND		9.93	0.675	ug/L		02/06/26 13:46	02/10/26 15:49	1
Pyrene	ND		9.93	0.626	ug/L		02/06/26 13:46	02/10/26 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 150*	*02/06/26 13:46*	*02/10/26 15:49*	*1*
2-Fluorobiphenyl (Surr)	*55*		*25 - 139*	*02/06/26 13:46*	*02/10/26 15:49*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 150*	*02/06/26 13:46*	*02/10/26 15:49*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*02/06/26 13:46*	*02/10/26 15:49*	*1*
Phenol-d5 (Surr)	*56*		*10 - 150*	*02/06/26 13:46*	*02/10/26 15:49*	*1*
Terphenyl-d14 (Surr)	*43*		*28 - 150*	*02/06/26 13:46*	*02/10/26 15:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 20:16	1
Arsenic	**3.29**	**J**	5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:16	1
Barium	**551**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:16	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:16	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:16	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:16	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:16	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:16	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:16	1
Manganese	**181**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:16	1
Nickel	**0.437**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:16	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:16	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:16	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:16	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:16	1
Zinc	**38.5**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/11/26 11:35	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:31	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0380**	**J**	0.100	0.0100	mg/L			02/06/26 15:49	1
Nitrate as N (SM Nitrate by calc)	**0.0380**	**J**	0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**2.68**	**J**	5.00	1.40	mg/L			02/11/26 17:02	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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 19:27	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 19:27	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 19:27	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 19:27	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 19:27	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 19:27	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 19:27	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 19:27	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 19:27	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 19:27	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 19:27	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 19:27	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 19:27	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 19:27	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 19:27	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 19:27	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 19:27	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 19:27	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 19:27	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 19:27	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 19:27	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 19:27	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 19:27	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 19:27	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 19:27	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 19:27	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 19:27	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 19:27	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 19:27	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 19:27	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 19:27	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 19:27	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 19:27	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 19:27	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 19:27	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 19:27	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 19:27	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 19:27	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 19:27	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 19:27	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 19:27	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 19:27	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 19:27	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 19:27	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 19:27	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 19:27	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 19:27	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 19:27	1

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 19:27	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 19:27	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 19:27	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 19:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 19:27	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 19:27	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 19:27	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 19:27	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 19:27	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 19:27	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 19:27	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 19:27	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 19:27	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 19:27	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 19:27	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 19:27	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 19:27	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 19:27	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 19:27	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 19:27	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 19:27	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 19:27	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 19:27*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 19:27*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 19:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		02/06/26 13:46	02/10/26 16:19	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 16:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.80	0.412	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		02/06/26 13:46	02/10/26 16:19	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		02/06/26 13:46	02/10/26 16:19	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		02/06/26 13:46	02/10/26 16:19	1
2-Chlorophenol	ND		9.80	0.824	ug/L		02/06/26 13:46	02/10/26 16:19	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		02/06/26 13:46	02/10/26 16:19	1
2-Methylphenol	ND		9.80	0.745	ug/L		02/06/26 13:46	02/10/26 16:19	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.80	1.34	ug/L		02/06/26 13:46	02/10/26 16:19	1
2-Nitrophenol	ND		9.80	1.15	ug/L		02/06/26 13:46	02/10/26 16:19	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		02/06/26 13:46	02/10/26 16:19	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		02/06/26 13:46	02/10/26 16:19	1
3-Nitroaniline	ND		9.80	0.931	ug/L		02/06/26 13:46	02/10/26 16:19	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		02/06/26 13:46	02/10/26 16:19	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		02/06/26 13:46	02/10/26 16:19	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		02/06/26 13:46	02/10/26 16:19	1
4-Chloroaniline	ND		9.80	0.569	ug/L		02/06/26 13:46	02/10/26 16:19	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		02/06/26 13:46	02/10/26 16:19	1
4-Nitroaniline	ND		9.80	3.43	ug/L		02/06/26 13:46	02/10/26 16:19	1
4-Nitrophenol	ND		9.80	2.69	ug/L		02/06/26 13:46	02/10/26 16:19	1
Acenaphthene	ND		9.80	0.618	ug/L		02/06/26 13:46	02/10/26 16:19	1
Acenaphthylene	ND		9.80	0.745	ug/L		02/06/26 13:46	02/10/26 16:19	1
Acetophenone	ND		9.80	3.14	ug/L		02/06/26 13:46	02/10/26 16:19	1
Anthracene	ND		9.80	0.892	ug/L		02/06/26 13:46	02/10/26 16:19	1
Atrazine	ND		9.80	1.11	ug/L		02/06/26 13:46	02/10/26 16:19	1
Benzaldehyde	ND		9.80	0.657	ug/L		02/06/26 13:46	02/10/26 16:19	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		02/06/26 13:46	02/10/26 16:19	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		02/06/26 13:46	02/10/26 16:19	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		02/06/26 13:46	02/10/26 16:19	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		02/06/26 13:46	02/10/26 16:19	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		02/06/26 13:46	02/10/26 16:19	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		02/06/26 13:46	02/10/26 16:19	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		02/06/26 13:46	02/10/26 16:19	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		02/06/26 13:46	02/10/26 16:19	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		02/06/26 13:46	02/10/26 16:19	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		02/06/26 13:46	02/10/26 16:19	1
Caprolactam	ND		9.80	2.35	ug/L		02/06/26 13:46	02/10/26 16:19	1
Carbazole	ND		9.80	0.314	ug/L		02/06/26 13:46	02/10/26 16:19	1
Chrysene	ND		9.80	1.18	ug/L		02/06/26 13:46	02/10/26 16:19	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		02/06/26 13:46	02/10/26 16:19	1
Dibenzofuran	ND		9.80	0.627	ug/L		02/06/26 13:46	02/10/26 16:19	1
Diethyl phthalate	ND		9.80	3.92	ug/L		02/06/26 13:46	02/10/26 16:19	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		02/06/26 13:46	02/10/26 16:19	1
Di-n-butyl phthalate	ND		9.80	8.03	ug/L		02/06/26 13:46	02/10/26 16:19	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		02/06/26 13:46	02/10/26 16:19	1
Fluoranthene	ND		9.80	0.618	ug/L		02/06/26 13:46	02/10/26 16:19	1
Fluorene	ND		9.80	0.657	ug/L		02/06/26 13:46	02/10/26 16:19	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		02/06/26 13:46	02/10/26 16:19	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		02/06/26 13:46	02/10/26 16:19	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		02/06/26 13:46	02/10/26 16:19	1
Hexachloroethane	ND		9.80	0.520	ug/L		02/06/26 13:46	02/10/26 16:19	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		02/06/26 13:46	02/10/26 16:19	1
Isophorone	ND		9.80	0.784	ug/L		02/06/26 13:46	02/10/26 16:19	1
Naphthalene	ND		9.80	0.735	ug/L		02/06/26 13:46	02/10/26 16:19	1
Nitrobenzene	ND		9.80	0.588	ug/L		02/06/26 13:46	02/10/26 16:19	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		02/06/26 13:46	02/10/26 16:19	1
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		02/06/26 13:46	02/10/26 16:19	1

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5

Date Collected: 02/03/26 10:20
Matrix: Water

Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.80	2.75	ug/L		02/06/26 13:46	02/10/26 16:19	1
Phenanthrene	ND		9.80	0.725	ug/L		02/06/26 13:46	02/10/26 16:19	1
Phenol	ND		9.80	0.667	ug/L		02/06/26 13:46	02/10/26 16:19	1
Pyrene	ND		9.80	0.618	ug/L		02/06/26 13:46	02/10/26 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 150*	*02/06/26 13:46*	*02/10/26 16:19*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/06/26 13:46*	*02/10/26 16:19*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 150*	*02/06/26 13:46*	*02/10/26 16:19*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*	*02/06/26 13:46*	*02/10/26 16:19*	*1*
Phenol-d5 (Surr)	*55*		*10 - 150*	*02/06/26 13:46*	*02/10/26 16:19*	*1*
Terphenyl-d14 (Surr)	*43*		*28 - 150*	*02/06/26 13:46*	*02/10/26 16:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 20:40	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:40	1
Barium	**122**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:40	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:40	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:40	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:40	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:40	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:40	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:40	1
Manganese	**5.70**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:40	1
Nickel	**16.1**		5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:40	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:40	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:40	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:40	1
Vanadium	**13.5**		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:40	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:55	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			02/11/26 11:37	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:33	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.42**		0.200	0.0200	mg/L			02/06/26 15:50	2
Nitrate as N (SM Nitrate by calc)	**1.42**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**18.2**		5.00	1.40	mg/L			02/11/26 17:02	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-6
Lab Sample ID: 752-41560-6
Date Collected: 02/03/26 11:20
Matrix: Water
Date Received: 02/04/26 12:30

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 02:53	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 02:53	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 02:53	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 02:53	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 02:53	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 02:53	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 02:53	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 02:53	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 02:53	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 02:53	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 02:53	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 02:53	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 02:53	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 02:53	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 02:53	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 02:53	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 02:53	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 02:53	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 02:53	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 02:53	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 02:53	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 02:53	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 02:53	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 02:53	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 02:53	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 02:53	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 02:53	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 02:53	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 02:53	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 02:53	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 02:53	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 02:53	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 02:53	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 02:53	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 02:53	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 02:53	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 02:53	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 02:53	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 02:53	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 02:53	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 02:53	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 02:53	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 02:53	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 02:53	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 02:53	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 02:53	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 02:53	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 02:53	1

Client Sample ID: 821-MW-6
Lab Sample ID: 752-41560-6
Date Collected: 02/03/26 11:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 02:53	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 02:53	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 02:53	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 02:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 02:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 02:53	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 02:53	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 02:53	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 02:53	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 02:53	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 02:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 02:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 02:53	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 02:53	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 02:53	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 02:53	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 02:53	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 02:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 02:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 02:53	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 02:53	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 02:53	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*02/12/26 02:53*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/12/26 02:53*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 02:53*	*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		02/06/26 13:46	02/10/26 16:49	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 16:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.84	0.413	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,4,5-Trichlorophenol	ND		9.84	0.531	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,4,6-Trichlorophenol	ND		9.84	1.07	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,4-Dichlorophenol	ND		9.84	0.561	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,4-Dimethylphenol	ND		9.84	0.236	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,4-Dinitrophenol	ND		29.5	4.60	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,4-Dinitrotoluene	ND		9.84	0.639	ug/L		02/06/26 13:46	02/10/26 16:49	1
2,6-Dinitrotoluene	ND		9.84	0.285	ug/L		02/06/26 13:46	02/10/26 16:49	1
2-Chloronaphthalene	ND		9.84	0.374	ug/L		02/06/26 13:46	02/10/26 16:49	1
2-Chlorophenol	ND		9.84	0.826	ug/L		02/06/26 13:46	02/10/26 16:49	1
2-Methylnaphthalene	ND		9.84	0.797	ug/L		02/06/26 13:46	02/10/26 16:49	1
2-Methylphenol	ND		9.84	0.748	ug/L		02/06/26 13:46	02/10/26 16:49	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-6
Lab Sample ID: 752-41560-6
Date Collected: 02/03/26 11:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.84	1.35	ug/L		02/06/26 13:46	02/10/26 16:49	1
2-Nitrophenol	ND		9.84	1.15	ug/L		02/06/26 13:46	02/10/26 16:49	1
3 & 4 Methylphenol	ND		19.7	4.52	ug/L		02/06/26 13:46	02/10/26 16:49	1
3,3'-Dichlorobenzidine	ND		10.8	0.403	ug/L		02/06/26 13:46	02/10/26 16:49	1
3-Nitroaniline	ND		9.84	0.934	ug/L		02/06/26 13:46	02/10/26 16:49	1
4,6-Dinitro-2-methylphenol	ND		9.84	1.94	ug/L		02/06/26 13:46	02/10/26 16:49	1
4-Bromophenyl phenyl ether	ND		9.84	0.128	ug/L		02/06/26 13:46	02/10/26 16:49	1
4-Chloro-3-methylphenol	ND		9.84	0.718	ug/L		02/06/26 13:46	02/10/26 16:49	1
4-Chloroaniline	ND		9.84	0.570	ug/L		02/06/26 13:46	02/10/26 16:49	1
4-Chlorophenyl phenyl ether	ND		9.84	0.236	ug/L		02/06/26 13:46	02/10/26 16:49	1
4-Nitroaniline	ND		9.84	3.44	ug/L		02/06/26 13:46	02/10/26 16:49	1
4-Nitrophenol	ND		9.84	2.70	ug/L		02/06/26 13:46	02/10/26 16:49	1
Acenaphthene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 16:49	1
Acenaphthylene	ND		9.84	0.748	ug/L		02/06/26 13:46	02/10/26 16:49	1
Acetophenone	ND		9.84	3.15	ug/L		02/06/26 13:46	02/10/26 16:49	1
Anthracene	ND		9.84	0.895	ug/L		02/06/26 13:46	02/10/26 16:49	1
Atrazine	ND		9.84	1.11	ug/L		02/06/26 13:46	02/10/26 16:49	1
Benzaldehyde	ND		9.84	0.659	ug/L		02/06/26 13:46	02/10/26 16:49	1
Benzo[a]anthracene	ND		9.84	0.984	ug/L		02/06/26 13:46	02/10/26 16:49	1
Benzo[a]pyrene	ND		9.84	1.08	ug/L		02/06/26 13:46	02/10/26 16:49	1
Benzo[b]fluoranthene	ND		9.84	1.18	ug/L		02/06/26 13:46	02/10/26 16:49	1
Benzo[g,h,i]perylene	ND		9.84	1.48	ug/L		02/06/26 13:46	02/10/26 16:49	1
Benzo[k]fluoranthene	ND		9.84	1.48	ug/L		02/06/26 13:46	02/10/26 16:49	1
bis (2-chloroisopropyl) ether	ND		9.84	0.915	ug/L		02/06/26 13:46	02/10/26 16:49	1
Bis(2-chloroethoxy)methane	ND		9.84	0.334	ug/L		02/06/26 13:46	02/10/26 16:49	1
Bis(2-chloroethyl)ether	ND		9.84	0.718	ug/L		02/06/26 13:46	02/10/26 16:49	1
Bis(2-ethylhexyl) phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 16:49	1
Butyl benzyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 16:49	1
Caprolactam	ND		9.84	2.36	ug/L		02/06/26 13:46	02/10/26 16:49	1
Carbazole	ND		9.84	0.315	ug/L		02/06/26 13:46	02/10/26 16:49	1
Chrysene	ND		9.84	1.18	ug/L		02/06/26 13:46	02/10/26 16:49	1
Dibenz(a,h)anthracene	ND		9.84	1.28	ug/L		02/06/26 13:46	02/10/26 16:49	1
Dibenzofuran	ND		9.84	0.630	ug/L		02/06/26 13:46	02/10/26 16:49	1
Diethyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 16:49	1
Dimethyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 16:49	1
Di-n-butyl phthalate	ND		9.84	8.06	ug/L		02/06/26 13:46	02/10/26 16:49	1
Di-n-octyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 16:49	1
Fluoranthene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 16:49	1
Fluorene	ND		9.84	0.659	ug/L		02/06/26 13:46	02/10/26 16:49	1
Hexachlorobenzene	ND		9.84	0.246	ug/L		02/06/26 13:46	02/10/26 16:49	1
Hexachlorobutadiene	ND		9.84	0.541	ug/L		02/06/26 13:46	02/10/26 16:49	1
Hexachlorocyclopentadiene	ND		19.7	0.315	ug/L		02/06/26 13:46	02/10/26 16:49	1
Hexachloroethane	ND		9.84	0.521	ug/L		02/06/26 13:46	02/10/26 16:49	1
Indeno[1,2,3-cd]pyrene	ND		9.84	1.08	ug/L		02/06/26 13:46	02/10/26 16:49	1
Isophorone	ND		9.84	0.787	ug/L		02/06/26 13:46	02/10/26 16:49	1
Naphthalene	ND		9.84	0.738	ug/L		02/06/26 13:46	02/10/26 16:49	1
Nitrobenzene	ND		9.84	0.590	ug/L		02/06/26 13:46	02/10/26 16:49	1
N-Nitrosodi-n-propylamine	ND		9.84	0.325	ug/L		02/06/26 13:46	02/10/26 16:49	1
N-Nitrosodiphenylamine	ND		9.84	0.187	ug/L		02/06/26 13:46	02/10/26 16:49	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-6
Lab Sample ID: 752-41560-6
Date Collected: 02/03/26 11:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.84	2.75	ug/L		02/06/26 13:46	02/10/26 16:49	1
Phenanthrene	ND		9.84	0.728	ug/L		02/06/26 13:46	02/10/26 16:49	1
Phenol	ND		9.84	0.669	ug/L		02/06/26 13:46	02/10/26 16:49	1
Pyrene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 150*	*02/06/26 13:46*	*02/10/26 16:49*	*1*
2-Fluorobiphenyl (Surr)	*57*		*25 - 139*	*02/06/26 13:46*	*02/10/26 16:49*	*1*
2-Fluorophenol (Surr)	*60*		*10 - 150*	*02/06/26 13:46*	*02/10/26 16:49*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 150*	*02/06/26 13:46*	*02/10/26 16:49*	*1*
Phenol-d5 (Surr)	*49*		*10 - 150*	*02/06/26 13:46*	*02/10/26 16:49*	*1*
Terphenyl-d14 (Surr)	*45*		*28 - 150*	*02/06/26 13:46*	*02/10/26 16:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 20:43	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:43	1
Barium	**35.0**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:43	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:43	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:43	1
Chromium	**10.1**		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:43	1
Cobalt	**1.23**	**J**	5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:43	1
Copper	**6.91**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:43	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:43	1
Manganese	**38.2**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:43	1
Nickel	**3.20**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:43	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:43	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:43	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:43	1
Vanadium	**25.4**		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:43	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:43	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 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/11/26 11:39	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:34	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.68**		0.200	0.0200	mg/L			02/06/26 15:52	2
Nitrate as N (SM Nitrate by calc)	**1.68**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**14.6**		5.00	1.40	mg/L			02/11/26 17:03	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7
Date Collected: 02/03/26 11:55
Matrix: Water
Date Received: 02/04/26 12:30

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 03:17	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 03:17	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 03:17	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 03:17	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 03:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 03:17	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 03:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 03:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 03:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 03:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 03:17	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 03:17	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 03:17	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 03:17	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 03:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 03:17	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 03:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 03:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 03:17	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 03:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 03:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 03:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 03:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 03:17	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 03:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 03:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 03:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 03:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 03:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 03:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 03:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 03:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 03:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 03:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 03:17	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 03:17	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 03:17	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 03:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 03:17	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 03:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 03:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 03:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 03:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 03:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 03:17	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 03:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 03:17	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 03:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 03:17	1

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7
Date Collected: 02/03/26 11:55
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 03:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 03:17	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 03:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 03:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 03:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 03:17	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 03:17	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 03:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 03:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 03:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 03:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 03:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 03:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 03:17	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 03:17	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 03:17	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 03:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 03:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 03:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 03:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 03:17	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 03:17	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 03:17	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 03:17*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/12/26 03:17*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 03:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		02/06/26 13:46	02/10/26 17:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*65*		*40 - 150*	*02/06/26 13:46*	*02/10/26 17:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.84	0.413	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,4,5-Trichlorophenol	ND		9.84	0.531	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,4,6-Trichlorophenol	ND		9.84	1.07	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,4-Dichlorophenol	ND		9.84	0.561	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,4-Dimethylphenol	ND		9.84	0.236	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,4-Dinitrophenol	ND		29.5	4.60	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,4-Dinitrotoluene	ND		9.84	0.639	ug/L		02/06/26 13:46	02/10/26 17:19	1
2,6-Dinitrotoluene	ND		9.84	0.285	ug/L		02/06/26 13:46	02/10/26 17:19	1
2-Chloronaphthalene	ND		9.84	0.374	ug/L		02/06/26 13:46	02/10/26 17:19	1
2-Chlorophenol	ND		9.84	0.826	ug/L		02/06/26 13:46	02/10/26 17:19	1
2-Methylnaphthalene	ND		9.84	0.797	ug/L		02/06/26 13:46	02/10/26 17:19	1
2-Methylphenol	ND		9.84	0.748	ug/L		02/06/26 13:46	02/10/26 17:19	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7
Date Collected: 02/03/26 11:55
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.84	1.35	ug/L		02/06/26 13:46	02/10/26 17:19	1
2-Nitrophenol	ND		9.84	1.15	ug/L		02/06/26 13:46	02/10/26 17:19	1
3 & 4 Methylphenol	ND		19.7	4.52	ug/L		02/06/26 13:46	02/10/26 17:19	1
3,3'-Dichlorobenzidine	ND		10.8	0.403	ug/L		02/06/26 13:46	02/10/26 17:19	1
3-Nitroaniline	ND		9.84	0.934	ug/L		02/06/26 13:46	02/10/26 17:19	1
4,6-Dinitro-2-methylphenol	ND		9.84	1.94	ug/L		02/06/26 13:46	02/10/26 17:19	1
4-Bromophenyl phenyl ether	ND		9.84	0.128	ug/L		02/06/26 13:46	02/10/26 17:19	1
4-Chloro-3-methylphenol	ND		9.84	0.718	ug/L		02/06/26 13:46	02/10/26 17:19	1
4-Chloroaniline	ND		9.84	0.570	ug/L		02/06/26 13:46	02/10/26 17:19	1
4-Chlorophenyl phenyl ether	ND		9.84	0.236	ug/L		02/06/26 13:46	02/10/26 17:19	1
4-Nitroaniline	ND		9.84	3.44	ug/L		02/06/26 13:46	02/10/26 17:19	1
4-Nitrophenol	ND		9.84	2.70	ug/L		02/06/26 13:46	02/10/26 17:19	1
Acenaphthene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 17:19	1
Acenaphthylene	ND		9.84	0.748	ug/L		02/06/26 13:46	02/10/26 17:19	1
Acetophenone	ND		9.84	3.15	ug/L		02/06/26 13:46	02/10/26 17:19	1
Anthracene	ND		9.84	0.895	ug/L		02/06/26 13:46	02/10/26 17:19	1
Atrazine	ND		9.84	1.11	ug/L		02/06/26 13:46	02/10/26 17:19	1
Benzaldehyde	ND		9.84	0.659	ug/L		02/06/26 13:46	02/10/26 17:19	1
Benzo[a]anthracene	ND		9.84	0.984	ug/L		02/06/26 13:46	02/10/26 17:19	1
Benzo[a]pyrene	ND		9.84	1.08	ug/L		02/06/26 13:46	02/10/26 17:19	1
Benzo[b]fluoranthene	ND		9.84	1.18	ug/L		02/06/26 13:46	02/10/26 17:19	1
Benzo[g,h,i]perylene	ND		9.84	1.48	ug/L		02/06/26 13:46	02/10/26 17:19	1
Benzo[k]fluoranthene	ND		9.84	1.48	ug/L		02/06/26 13:46	02/10/26 17:19	1
bis (2-chloroisopropyl) ether	ND		9.84	0.915	ug/L		02/06/26 13:46	02/10/26 17:19	1
Bis(2-chloroethoxy)methane	ND		9.84	0.334	ug/L		02/06/26 13:46	02/10/26 17:19	1
Bis(2-chloroethyl)ether	ND		9.84	0.718	ug/L		02/06/26 13:46	02/10/26 17:19	1
Bis(2-ethylhexyl) phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 17:19	1
Butyl benzyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 17:19	1
Caprolactam	ND		9.84	2.36	ug/L		02/06/26 13:46	02/10/26 17:19	1
Carbazole	ND		9.84	0.315	ug/L		02/06/26 13:46	02/10/26 17:19	1
Chrysene	ND		9.84	1.18	ug/L		02/06/26 13:46	02/10/26 17:19	1
Dibenz(a,h)anthracene	ND		9.84	1.28	ug/L		02/06/26 13:46	02/10/26 17:19	1
Dibenzofuran	ND		9.84	0.630	ug/L		02/06/26 13:46	02/10/26 17:19	1
Diethyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 17:19	1
Dimethyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 17:19	1
Di-n-butyl phthalate	ND		9.84	8.06	ug/L		02/06/26 13:46	02/10/26 17:19	1
Di-n-octyl phthalate	ND		9.84	3.93	ug/L		02/06/26 13:46	02/10/26 17:19	1
Fluoranthene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 17:19	1
Fluorene	ND		9.84	0.659	ug/L		02/06/26 13:46	02/10/26 17:19	1
Hexachlorobenzene	ND		9.84	0.246	ug/L		02/06/26 13:46	02/10/26 17:19	1
Hexachlorobutadiene	ND		9.84	0.541	ug/L		02/06/26 13:46	02/10/26 17:19	1
Hexachlorocyclopentadiene	ND		19.7	0.315	ug/L		02/06/26 13:46	02/10/26 17:19	1
Hexachloroethane	ND		9.84	0.521	ug/L		02/06/26 13:46	02/10/26 17:19	1
Indeno[1,2,3-cd]pyrene	ND		9.84	1.08	ug/L		02/06/26 13:46	02/10/26 17:19	1
Isophorone	ND		9.84	0.787	ug/L		02/06/26 13:46	02/10/26 17:19	1
Naphthalene	ND		9.84	0.738	ug/L		02/06/26 13:46	02/10/26 17:19	1
Nitrobenzene	ND		9.84	0.590	ug/L		02/06/26 13:46	02/10/26 17:19	1
N-Nitrosodi-n-propylamine	ND		9.84	0.325	ug/L		02/06/26 13:46	02/10/26 17:19	1
N-Nitrosodiphenylamine	ND		9.84	0.187	ug/L		02/06/26 13:46	02/10/26 17:19	1

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7
Date Collected: 02/03/26 11:55
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.84	2.75	ug/L		02/06/26 13:46	02/10/26 17:19	1
Phenanthrene	ND		9.84	0.728	ug/L		02/06/26 13:46	02/10/26 17:19	1
Phenol	ND		9.84	0.669	ug/L		02/06/26 13:46	02/10/26 17:19	1
Pyrene	ND		9.84	0.620	ug/L		02/06/26 13:46	02/10/26 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 150*	*02/06/26 13:46*	*02/10/26 17:19*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/06/26 13:46*	*02/10/26 17:19*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*02/06/26 13:46*	*02/10/26 17:19*	*1*
Nitrobenzene-d5 (Surr)	*69*		*22 - 150*	*02/06/26 13:46*	*02/10/26 17:19*	*1*
Phenol-d5 (Surr)	*65*		*10 - 150*	*02/06/26 13:46*	*02/10/26 17:19*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*02/06/26 13:46*	*02/10/26 17:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 20:45	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:45	1
Barium	**357**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:45	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:45	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:45	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:45	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:45	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:45	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:45	1
Manganese	**107**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:45	1
Nickel	**0.930**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:45	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:45	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:45	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:45	1
Vanadium	**2.37**	**J**	5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:45	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/12/26 12:00	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:35	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0260**	**J**	0.100	0.0100	mg/L			02/06/26 15:54	1
Nitrate as N (SM Nitrate by calc)	**0.0260**	**J**	0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**36.3**		5.00	1.40	mg/L			02/11/26 17:03	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-8
Lab Sample ID: 752-41560-8
Date Collected: 02/03/26 12:35
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 20:42	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 20:42	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 20:42	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 20:42	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 20:42	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 20:42	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 20:42	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 20:42	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 20:42	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 20:42	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 20:42	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 20:42	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 20:42	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 20:42	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 20:42	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 20:42	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 20:42	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 20:42	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 20:42	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 20:42	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 20:42	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 20:42	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 20:42	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 20:42	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 20:42	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 20:42	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 20:42	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 20:42	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 20:42	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 20:42	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 20:42	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 20:42	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 20:42	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 20:42	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 20:42	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 20:42	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 20:42	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 20:42	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 20:42	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 20:42	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 20:42	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 20:42	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 20:42	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 20:42	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 20:42	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 20:42	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 20:42	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 20:42	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 20:42	1

Client Sample ID: 821-MW-8
Lab Sample ID: 752-41560-8
Date Collected: 02/03/26 12:35
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 20:42	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 20:42	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 20:42	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 20:42	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 20:42	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 20:42	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 20:42	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 20:42	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 20:42	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 20:42	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 20:42	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 20:42	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 20:42	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 20:42	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 20:42	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 20:42	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 20:42	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 20:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 20:42	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 20:42	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 20:42	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 20:42	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 20:42	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 20:42*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 20:42*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/07/26 20:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.291	0.291	ug/L		02/06/26 13:46	02/10/26 17:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*65*		*40 - 150*	*02/06/26 13:46*	*02/10/26 17:49*	*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		9.71	0.408	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,4,5-Trichlorophenol	ND		9.71	0.524	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,4,6-Trichlorophenol	ND		9.71	1.06	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,4-Dichlorophenol	ND		9.71	0.553	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,4-Dimethylphenol	ND		9.71	0.233	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,4-Dinitrophenol	ND		29.1	4.54	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,4-Dinitrotoluene	ND		9.71	0.631	ug/L		02/06/26 13:46	02/10/26 17:49	1
2,6-Dinitrotoluene	ND		9.71	0.282	ug/L		02/06/26 13:46	02/10/26 17:49	1
2-Chloronaphthalene	ND		9.71	0.369	ug/L		02/06/26 13:46	02/10/26 17:49	1
2-Chlorophenol	ND		9.71	0.816	ug/L		02/06/26 13:46	02/10/26 17:49	1
2-Methylnaphthalene	ND		9.71	0.786	ug/L		02/06/26 13:46	02/10/26 17:49	1
2-Methylphenol	ND		9.71	0.738	ug/L		02/06/26 13:46	02/10/26 17:49	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-8
Lab Sample ID: 752-41560-8
Date Collected: 02/03/26 12:35
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.71	1.33	ug/L		02/06/26 13:46	02/10/26 17:49	1
2-Nitrophenol	ND		9.71	1.14	ug/L		02/06/26 13:46	02/10/26 17:49	1
3 & 4 Methylphenol	ND		19.4	4.47	ug/L		02/06/26 13:46	02/10/26 17:49	1
3,3'-Dichlorobenzidine	ND		10.7	0.398	ug/L		02/06/26 13:46	02/10/26 17:49	1
3-Nitroaniline	ND		9.71	0.922	ug/L		02/06/26 13:46	02/10/26 17:49	1
4,6-Dinitro-2-methylphenol	ND		9.71	1.91	ug/L		02/06/26 13:46	02/10/26 17:49	1
4-Bromophenyl phenyl ether	ND		9.71	0.126	ug/L		02/06/26 13:46	02/10/26 17:49	1
4-Chloro-3-methylphenol	ND		9.71	0.709	ug/L		02/06/26 13:46	02/10/26 17:49	1
4-Chloroaniline	ND		9.71	0.563	ug/L		02/06/26 13:46	02/10/26 17:49	1
4-Chlorophenyl phenyl ether	ND		9.71	0.233	ug/L		02/06/26 13:46	02/10/26 17:49	1
4-Nitroaniline	ND		9.71	3.40	ug/L		02/06/26 13:46	02/10/26 17:49	1
4-Nitrophenol	ND		9.71	2.66	ug/L		02/06/26 13:46	02/10/26 17:49	1
Acenaphthene	ND		9.71	0.612	ug/L		02/06/26 13:46	02/10/26 17:49	1
Acenaphthylene	ND		9.71	0.738	ug/L		02/06/26 13:46	02/10/26 17:49	1
Acetophenone	ND		9.71	3.11	ug/L		02/06/26 13:46	02/10/26 17:49	1
Anthracene	ND		9.71	0.883	ug/L		02/06/26 13:46	02/10/26 17:49	1
Atrazine	ND		9.71	1.10	ug/L		02/06/26 13:46	02/10/26 17:49	1
Benzaldehyde	ND		9.71	0.650	ug/L		02/06/26 13:46	02/10/26 17:49	1
Benzo[a]anthracene	ND		9.71	0.971	ug/L		02/06/26 13:46	02/10/26 17:49	1
Benzo[a]pyrene	ND		9.71	1.07	ug/L		02/06/26 13:46	02/10/26 17:49	1
Benzo[b]fluoranthene	ND		9.71	1.17	ug/L		02/06/26 13:46	02/10/26 17:49	1
Benzo[g,h,i]perylene	ND		9.71	1.46	ug/L		02/06/26 13:46	02/10/26 17:49	1
Benzo[k]fluoranthene	ND		9.71	1.46	ug/L		02/06/26 13:46	02/10/26 17:49	1
bis (2-chloroisopropyl) ether	ND		9.71	0.903	ug/L		02/06/26 13:46	02/10/26 17:49	1
Bis(2-chloroethoxy)methane	ND		9.71	0.330	ug/L		02/06/26 13:46	02/10/26 17:49	1
Bis(2-chloroethyl)ether	ND		9.71	0.709	ug/L		02/06/26 13:46	02/10/26 17:49	1
Bis(2-ethylhexyl) phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 17:49	1
Butyl benzyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 17:49	1
Caprolactam	ND		9.71	2.33	ug/L		02/06/26 13:46	02/10/26 17:49	1
Carbazole	ND		9.71	0.311	ug/L		02/06/26 13:46	02/10/26 17:49	1
Chrysene	ND		9.71	1.17	ug/L		02/06/26 13:46	02/10/26 17:49	1
Dibenz(a,h)anthracene	ND		9.71	1.26	ug/L		02/06/26 13:46	02/10/26 17:49	1
Dibenzofuran	ND		9.71	0.621	ug/L		02/06/26 13:46	02/10/26 17:49	1
Diethyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 17:49	1
Dimethyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 17:49	1
Di-n-butyl phthalate	ND		9.71	7.95	ug/L		02/06/26 13:46	02/10/26 17:49	1
Di-n-octyl phthalate	ND		9.71	3.88	ug/L		02/06/26 13:46	02/10/26 17:49	1
Fluoranthene	ND		9.71	0.612	ug/L		02/06/26 13:46	02/10/26 17:49	1
Fluorene	ND		9.71	0.650	ug/L		02/06/26 13:46	02/10/26 17:49	1
Hexachlorobenzene	ND		9.71	0.243	ug/L		02/06/26 13:46	02/10/26 17:49	1
Hexachlorobutadiene	ND		9.71	0.534	ug/L		02/06/26 13:46	02/10/26 17:49	1
Hexachlorocyclopentadiene	ND		19.4	0.311	ug/L		02/06/26 13:46	02/10/26 17:49	1
Hexachloroethane	ND		9.71	0.515	ug/L		02/06/26 13:46	02/10/26 17:49	1
Indeno[1,2,3-cd]pyrene	ND		9.71	1.07	ug/L		02/06/26 13:46	02/10/26 17:49	1
Isophorone	ND		9.71	0.777	ug/L		02/06/26 13:46	02/10/26 17:49	1
Naphthalene	ND		9.71	0.728	ug/L		02/06/26 13:46	02/10/26 17:49	1
Nitrobenzene	ND		9.71	0.583	ug/L		02/06/26 13:46	02/10/26 17:49	1
N-Nitrosodi-n-propylamine	ND		9.71	0.320	ug/L		02/06/26 13:46	02/10/26 17:49	1
N-Nitrosodiphenylamine	ND		9.71	0.184	ug/L		02/06/26 13:46	02/10/26 17:49	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-8
Lab Sample ID: 752-41560-8
Date Collected: 02/03/26 12:35
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.71	2.72	ug/L		02/06/26 13:46	02/10/26 17:49	1
Phenanthrene	ND		9.71	0.718	ug/L		02/06/26 13:46	02/10/26 17:49	1
Phenol	ND		9.71	0.660	ug/L		02/06/26 13:46	02/10/26 17:49	1
Pyrene	ND		9.71	0.612	ug/L		02/06/26 13:46	02/10/26 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 150*	*02/06/26 13:46*	*02/10/26 17:49*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*02/06/26 13:46*	*02/10/26 17:49*	*1*
2-Fluorophenol (Surr)	*54*		*10 - 150*	*02/06/26 13:46*	*02/10/26 17:49*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*02/06/26 13:46*	*02/10/26 17:49*	*1*
Phenol-d5 (Surr)	*47*		*10 - 150*	*02/06/26 13:46*	*02/10/26 17:49*	*1*
Terphenyl-d14 (Surr)	*48*		*28 - 150*	*02/06/26 13:46*	*02/10/26 17:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 20:48	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:48	1
Barium	**122**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:48	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:48	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:48	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:48	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:48	1
Copper	**2.33**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:48	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:48	1
Manganese	**293**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:48	1
Nickel	**6.56**		5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:48	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:48	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:48	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:48	1
Vanadium	**5.05**		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:48	1
Zinc	**14.9**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:48	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 17:16	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			02/12/26 12:02	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:35	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			02/06/26 15:56	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**36.8**		5.00	1.40	mg/L			02/11/26 17:03	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9
Date Collected: 02/03/26 16:05
Matrix: Water
Date Received: 02/04/26 12:30

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 03:41	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 03:41	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 03:41	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 03:41	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 03:41	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 03:41	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 03:41	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 03:41	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 03:41	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 03:41	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 03:41	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 03:41	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 03:41	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 03:41	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 03:41	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 03:41	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 03:41	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 03:41	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 03:41	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 03:41	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 03:41	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 03:41	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 03:41	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 03:41	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 03:41	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 03:41	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 03:41	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 03:41	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 03:41	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 03:41	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 03:41	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 03:41	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 03:41	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 03:41	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 03:41	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 03:41	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 03:41	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 03:41	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 03:41	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 03:41	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 03:41	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 03:41	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 03:41	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 03:41	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 03:41	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 03:41	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 03:41	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 03:41	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 03:41	1

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9
Date Collected: 02/03/26 16:05
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 03:41	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 03:41	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 03:41	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 03:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 03:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 03:41	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 03:41	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 03:41	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 03:41	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 03:41	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 03:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 03:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 03:41	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 03:41	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 03:41	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 03:41	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 03:41	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 03:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 03:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 03:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 03:41	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 03:41	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 03:41	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*02/12/26 03:41*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/12/26 03:41*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/12/26 03:41*	*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		0.299	0.299	ug/L		02/06/26 13:46	02/10/26 18:24	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 18:24*	*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		9.97	0.419	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		02/06/26 13:46	02/10/26 18:24	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		02/06/26 13:46	02/10/26 18:24	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		02/06/26 13:46	02/10/26 18:24	1
2-Chlorophenol	ND		9.97	0.837	ug/L		02/06/26 13:46	02/10/26 18:24	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		02/06/26 13:46	02/10/26 18:24	1
2-Methylphenol	ND		9.97	0.757	ug/L		02/06/26 13:46	02/10/26 18:24	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9
Date Collected: 02/03/26 16:05
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		02/06/26 13:46	02/10/26 18:24	1
2-Nitrophenol	ND		9.97	1.17	ug/L		02/06/26 13:46	02/10/26 18:24	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		02/06/26 13:46	02/10/26 18:24	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		02/06/26 13:46	02/10/26 18:24	1
3-Nitroaniline	ND		9.97	0.947	ug/L		02/06/26 13:46	02/10/26 18:24	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		02/06/26 13:46	02/10/26 18:24	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		02/06/26 13:46	02/10/26 18:24	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		02/06/26 13:46	02/10/26 18:24	1
4-Chloroaniline	ND		9.97	0.578	ug/L		02/06/26 13:46	02/10/26 18:24	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		02/06/26 13:46	02/10/26 18:24	1
4-Nitroaniline	ND		9.97	3.49	ug/L		02/06/26 13:46	02/10/26 18:24	1
4-Nitrophenol	ND		9.97	2.73	ug/L		02/06/26 13:46	02/10/26 18:24	1
Acenaphthene	ND		9.97	0.628	ug/L		02/06/26 13:46	02/10/26 18:24	1
Acenaphthylene	ND		9.97	0.757	ug/L		02/06/26 13:46	02/10/26 18:24	1
Acetophenone	ND		9.97	3.19	ug/L		02/06/26 13:46	02/10/26 18:24	1
Anthracene	ND		9.97	0.907	ug/L		02/06/26 13:46	02/10/26 18:24	1
Atrazine	ND		9.97	1.13	ug/L		02/06/26 13:46	02/10/26 18:24	1
Benzaldehyde	ND		9.97	0.668	ug/L		02/06/26 13:46	02/10/26 18:24	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		02/06/26 13:46	02/10/26 18:24	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		02/06/26 13:46	02/10/26 18:24	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		02/06/26 13:46	02/10/26 18:24	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		02/06/26 13:46	02/10/26 18:24	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		02/06/26 13:46	02/10/26 18:24	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		02/06/26 13:46	02/10/26 18:24	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		02/06/26 13:46	02/10/26 18:24	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		02/06/26 13:46	02/10/26 18:24	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/10/26 18:24	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/10/26 18:24	1
Caprolactam	ND		9.97	2.39	ug/L		02/06/26 13:46	02/10/26 18:24	1
Carbazole	ND		9.97	0.319	ug/L		02/06/26 13:46	02/10/26 18:24	1
Chrysene	ND		9.97	1.20	ug/L		02/06/26 13:46	02/10/26 18:24	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		02/06/26 13:46	02/10/26 18:24	1
Dibenzofuran	ND		9.97	0.638	ug/L		02/06/26 13:46	02/10/26 18:24	1
Diethyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/10/26 18:24	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/10/26 18:24	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		02/06/26 13:46	02/10/26 18:24	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/10/26 18:24	1
Fluoranthene	ND		9.97	0.628	ug/L		02/06/26 13:46	02/10/26 18:24	1
Fluorene	ND		9.97	0.668	ug/L		02/06/26 13:46	02/10/26 18:24	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		02/06/26 13:46	02/10/26 18:24	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		02/06/26 13:46	02/10/26 18:24	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		02/06/26 13:46	02/10/26 18:24	1
Hexachloroethane	ND		9.97	0.528	ug/L		02/06/26 13:46	02/10/26 18:24	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		02/06/26 13:46	02/10/26 18:24	1
Isophorone	ND		9.97	0.797	ug/L		02/06/26 13:46	02/10/26 18:24	1
Naphthalene	ND		9.97	0.748	ug/L		02/06/26 13:46	02/10/26 18:24	1
Nitrobenzene	ND		9.97	0.598	ug/L		02/06/26 13:46	02/10/26 18:24	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		02/06/26 13:46	02/10/26 18:24	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		02/06/26 13:46	02/10/26 18:24	1

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9
Date Collected: 02/03/26 16:05
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		02/06/26 13:46	02/10/26 18:24	1
Phenanthrene	ND		9.97	0.738	ug/L		02/06/26 13:46	02/10/26 18:24	1
Phenol	ND		9.97	0.678	ug/L		02/06/26 13:46	02/10/26 18:24	1
Pyrene	ND		9.97	0.628	ug/L		02/06/26 13:46	02/10/26 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 150*	*02/06/26 13:46*	*02/10/26 18:24*	*1*
2-Fluorobiphenyl (Surr)	*59*		*25 - 139*	*02/06/26 13:46*	*02/10/26 18:24*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*02/06/26 13:46*	*02/10/26 18:24*	*1*
Nitrobenzene-d5 (Surr)	*65*		*22 - 150*	*02/06/26 13:46*	*02/10/26 18:24*	*1*
Phenol-d5 (Surr)	*61*		*10 - 150*	*02/06/26 13:46*	*02/10/26 18:24*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*02/06/26 13:46*	*02/10/26 18:24*	*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 20:51	1
Arsenic	**9.20**		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:51	1
Barium	**410**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:51	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:51	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:51	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:51	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:51	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:51	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:51	1
Manganese	**169**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:51	1
Nickel	**0.873**		5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:51	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:51	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:51	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:51	1
Vanadium	**25.7**		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:51	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.277**		0.200	0.166	ug/L		02/09/26 08:31	02/09/26 16:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/12/26 12:04	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:36	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.190**		0.100	0.0100	mg/L			02/06/26 15:58	1
Nitrate as N (SM Nitrate by calc)	**0.190**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**13.1**		5.00	1.40	mg/L			02/11/26 17:14	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-Dup
Lab Sample ID: 752-41560-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 12:30

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 21:57	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 21:57	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 21:57	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 21:57	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 21:57	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 21:57	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 21:57	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 21:57	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 21:57	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 21:57	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 21:57	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 21:57	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 21:57	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 21:57	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 21:57	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 21:57	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 21:57	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 21:57	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 21:57	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 21:57	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 21:57	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 21:57	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 21:57	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 21:57	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 21:57	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 21:57	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 21:57	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 21:57	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 21:57	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 21:57	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 21:57	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 21:57	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 21:57	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 21:57	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 21:57	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 21:57	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 21:57	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 21:57	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 21:57	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 21:57	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 21:57	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 21:57	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 21:57	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 21:57	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 21:57	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 21:57	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 21:57	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 21:57	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 21:57	1

Client Sample ID: 821-MW-Dup
Lab Sample ID: 752-41560-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 21:57	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 21:57	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 21:57	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 21:57	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 21:57	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 21:57	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 21:57	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 21:57	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 21:57	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 21:57	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 21:57	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 21:57	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 21:57	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 21:57	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 21:57	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 21:57	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 21:57	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 21:57	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 21:57	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 21:57	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 21:57	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 21:57	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 21:57*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/07/26 21:57*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/07/26 21:57*	*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		0.306	0.306	ug/L		02/06/26 13:46	02/10/26 18:54	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 18:54*	*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	0.429	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		02/06/26 13:46	02/10/26 18:54	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		02/06/26 13:46	02/10/26 18:54	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		02/06/26 13:46	02/10/26 18:54	1
2-Chlorophenol	ND		10.2	0.857	ug/L		02/06/26 13:46	02/10/26 18:54	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		02/06/26 13:46	02/10/26 18:54	1
2-Methylphenol	ND		10.2	0.776	ug/L		02/06/26 13:46	02/10/26 18:54	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-Dup
Lab Sample ID: 752-41560-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 12:30

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 18:54	1
2-Nitrophenol	ND		10.2	1.19	ug/L		02/06/26 13:46	02/10/26 18:54	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		02/06/26 13:46	02/10/26 18:54	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		02/06/26 13:46	02/10/26 18:54	1
3-Nitroaniline	ND		10.2	0.969	ug/L		02/06/26 13:46	02/10/26 18:54	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		02/06/26 13:46	02/10/26 18:54	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		02/06/26 13:46	02/10/26 18:54	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		02/06/26 13:46	02/10/26 18:54	1
4-Chloroaniline	ND		10.2	0.592	ug/L		02/06/26 13:46	02/10/26 18:54	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		02/06/26 13:46	02/10/26 18:54	1
4-Nitroaniline	ND		10.2	3.57	ug/L		02/06/26 13:46	02/10/26 18:54	1
4-Nitrophenol	ND		10.2	2.80	ug/L		02/06/26 13:46	02/10/26 18:54	1
Acenaphthene	ND		10.2	0.643	ug/L		02/06/26 13:46	02/10/26 18:54	1
Acenaphthylene	ND		10.2	0.776	ug/L		02/06/26 13:46	02/10/26 18:54	1
Acetophenone	ND		10.2	3.27	ug/L		02/06/26 13:46	02/10/26 18:54	1
Anthracene	ND		10.2	0.929	ug/L		02/06/26 13:46	02/10/26 18:54	1
Atrazine	ND		10.2	1.15	ug/L		02/06/26 13:46	02/10/26 18:54	1
Benzaldehyde	ND		10.2	0.684	ug/L		02/06/26 13:46	02/10/26 18:54	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/06/26 13:46	02/10/26 18:54	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		02/06/26 13:46	02/10/26 18:54	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		02/06/26 13:46	02/10/26 18:54	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		02/06/26 13:46	02/10/26 18:54	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		02/06/26 13:46	02/10/26 18:54	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		02/06/26 13:46	02/10/26 18:54	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		02/06/26 13:46	02/10/26 18:54	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		02/06/26 13:46	02/10/26 18:54	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 18:54	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 18:54	1
Caprolactam	**7.53**	**J**	10.2	2.45	ug/L		02/06/26 13:46	02/10/26 18:54	1
Carbazole	ND		10.2	0.327	ug/L		02/06/26 13:46	02/10/26 18:54	1
Chrysene	ND		10.2	1.22	ug/L		02/06/26 13:46	02/10/26 18:54	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		02/06/26 13:46	02/10/26 18:54	1
Dibenzofuran	ND		10.2	0.653	ug/L		02/06/26 13:46	02/10/26 18:54	1
Diethyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 18:54	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 18:54	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		02/06/26 13:46	02/10/26 18:54	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 18:54	1
Fluoranthene	ND		10.2	0.643	ug/L		02/06/26 13:46	02/10/26 18:54	1
Fluorene	ND		10.2	0.684	ug/L		02/06/26 13:46	02/10/26 18:54	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		02/06/26 13:46	02/10/26 18:54	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		02/06/26 13:46	02/10/26 18:54	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		02/06/26 13:46	02/10/26 18:54	1
Hexachloroethane	ND		10.2	0.541	ug/L		02/06/26 13:46	02/10/26 18:54	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		02/06/26 13:46	02/10/26 18:54	1
Isophorone	ND		10.2	0.816	ug/L		02/06/26 13:46	02/10/26 18:54	1
Naphthalene	ND		10.2	0.765	ug/L		02/06/26 13:46	02/10/26 18:54	1
Nitrobenzene	ND		10.2	0.612	ug/L		02/06/26 13:46	02/10/26 18:54	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		02/06/26 13:46	02/10/26 18:54	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		02/06/26 13:46	02/10/26 18:54	1

Client Sample ID: 821-MW-Dup
Lab Sample ID: 752-41560-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 12:30

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 18:54	1
Phenanthrene	ND		10.2	0.755	ug/L		02/06/26 13:46	02/10/26 18:54	1
Phenol	ND		10.2	0.694	ug/L		02/06/26 13:46	02/10/26 18:54	1
Pyrene	ND		10.2	0.643	ug/L		02/06/26 13:46	02/10/26 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 150*	*02/06/26 13:46*	*02/10/26 18:54*	*1*
2-Fluorobiphenyl (Surr)	*57*		*25 - 139*	*02/06/26 13:46*	*02/10/26 18:54*	*1*
2-Fluorophenol (Surr)	*58*		*10 - 150*	*02/06/26 13:46*	*02/10/26 18:54*	*1*
Nitrobenzene-d5 (Surr)	*61*		*22 - 150*	*02/06/26 13:46*	*02/10/26 18:54*	*1*
Phenol-d5 (Surr)	*49*		*10 - 150*	*02/06/26 13:46*	*02/10/26 18:54*	*1*
Terphenyl-d14 (Surr)	*38*		*28 - 150*	*02/06/26 13:46*	*02/10/26 18:54*	*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 20:53	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 20:53	1
Barium	**114**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 20:53	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 20:53	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 20:53	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 20:53	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 20:53	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 20:53	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 20:53	1
Manganese	**4.08**	**J**	5.00	1.29	ug/L		02/05/26 12:50	02/09/26 20:53	1
Nickel	**0.494**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 20:53	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 20:53	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 20:53	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 20:53	1
Vanadium	**13.0**		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 20:53	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 20:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.473**		0.200	0.166	ug/L		02/09/26 08:31	02/09/26 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/12/26 12:05	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			02/04/26 17:37	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.50**		0.200	0.0200	mg/L			02/06/26 16:00	2
Nitrate as N (SM Nitrate by calc)	**1.50**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**18.7**		5.00	1.40	mg/L			02/11/26 17:15	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41560-11
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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 21:32	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 21:32	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 21:32	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 21:32	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 21:32	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 21:32	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 21:32	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 21:32	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 21:32	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 21:32	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 21:32	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 21:32	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 21:32	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 21:32	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 21:32	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 21:32	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 21:32	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 21:32	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 21:32	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 21:32	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 21:32	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 21:32	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 21:32	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 21:32	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 21:32	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 21:32	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 21:32	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 21:32	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 21:32	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 21:32	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 21:32	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 21:32	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 21:32	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 21:32	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 21:32	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 21:32	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 21:32	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 21:32	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 21:32	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 21:32	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 21:32	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 21:32	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 21:32	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 21:32	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 21:32	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 21:32	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 21:32	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 21:32	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 21:32	1

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41560-11
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 21:32	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 21:32	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 21:32	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 21:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 21:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 21:32	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 21:32	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 21:32	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 21:32	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 21:32	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 21:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 21:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 21:32	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 21:32	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 21:32	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 21:32	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 21:32	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 21:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 21:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 21:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 21:32	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 21:32	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 21:32	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 21:32*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/07/26 21:32*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 21:32*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham 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)
752-41560-1	821-MW-1	97	103	100
752-41560-2	821-MW-2	89	110	98
752-41560-3	821-MW-3	98	103	100
752-41560-4	821-MW-4	97	100	98
752-41560-5	821-MW-5	88	111	100
752-41560-6	821-MW-6	99	104	100
752-41560-7	821-MW-7	97	103	100
752-41560-8	821-MW-8	88	111	101
752-41560-9	821-MW-9	98	103	101
752-41560-10	821-MW-Dup	88	110	99
752-41560-11	Trip Blank	89	112	100
LCS 705-112666/1003	Lab Control Sample	84	103	94
LCS 705-112666/1004	Lab Control Sample	103	101	98
LCS 705-113640/1001	Lab Control Sample	98	103	97
LCS 705-113640/1002	Lab Control Sample	98	103	101
MB 705-112666/9	Method Blank	89	111	98
MB 705-113640/5	Method Blank	98	104	100

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-41560-1	821-MW-1	73	66	59	79	52	46
752-41560-1 MS	821-MW-1	92	64	53	84	44	49
752-41560-1 MSD	821-MW-1	81	59	74	75	75	42
752-41560-2	821-MW-2	66	55	52	68	41	44
752-41560-3	821-MW-3	58	54	61	66	51	41
752-41560-4	821-MW-4	60	55	63	63	56	43
752-41560-5	821-MW-5	61	64	63	72	55	43
752-41560-6	821-MW-6	64	57	60	64	49	45
752-41560-7	821-MW-7	70	64	72	69	65	44
752-41560-8	821-MW-8	67	65	54	70	47	48
752-41560-9	821-MW-9	60	59	67	65	61	46
752-41560-10	821-MW-Dup	57	57	58	61	49	38
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: 752-41560-1
Project/Site: East Durham 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)							
752-41560-1	821-MW-1	76							
752-41560-1 MS	821-MW-1	69							
752-41560-1 MSD	821-MW-1	69							
752-41560-2	821-MW-2	64							
752-41560-3	821-MW-3	69							
752-41560-4	821-MW-4	67							
752-41560-5	821-MW-5	64							
752-41560-6	821-MW-6	64							
752-41560-7	821-MW-7	65							
752-41560-8	821-MW-8	65							
752-41560-9	821-MW-9	64							
752-41560-10	821-MW-Dup	64							

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

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

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
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

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
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
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*

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
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
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

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
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
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 705-113640/5
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

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
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
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

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
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
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

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
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
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*

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
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*

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

Lab Sample ID: 752-41560-1 MS
Matrix: Water
Analysis Batch: 738888

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		33.1	28.97		ug/L		87	50 - 150		

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
1,4-Dioxane-d8	*69*		*40 - 150*

Lab Sample ID: 752-41560-1 MSD
Matrix: Water
Analysis Batch: 738888

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		33.1	31.62		ug/L		95	50 - 150	9	50

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
1,4-Dioxane-d8	*69*		*40 - 150*

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

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
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
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

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
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

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

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
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
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*

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

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*

Lab Sample ID: 752-41560-1 MS
Matrix: Water
Analysis Batch: 738838

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		33.1	19.82		ug/L		60	50 - 150
2,4,5-Trichlorophenol	ND		33.1	24.20		ug/L		73	50 - 150
2,4,6-Trichlorophenol	ND		33.1	23.53		ug/L		71	50 - 150
2,4-Dichlorophenol	ND		33.1	23.28		ug/L		70	50 - 150
2,4-Dimethylphenol	ND	F2 F1	33.1	10.04	F1	ug/L		30	50 - 150
2,4-Dinitrophenol	ND		66.2	57.84		ug/L		87	50 - 150
2,4-Dinitrotoluene	ND		33.1	24.83		ug/L		75	50 - 150
2,6-Dinitrotoluene	ND		33.1	24.03		ug/L		73	50 - 150
2-Chloronaphthalene	ND		33.1	19.16		ug/L		58	50 - 150
2-Chlorophenol	ND		33.1	20.01		ug/L		60	50 - 150
2-Methylnaphthalene	ND		33.1	20.69		ug/L		62	50 - 150
2-Methylphenol	ND	F2 F1	33.1	11.63	F1	ug/L		35	50 - 150
2-Nitroaniline	ND		33.1	22.78		ug/L		69	50 - 150
2-Nitrophenol	ND		33.1	24.55		ug/L		74	50 - 150
3 & 4 Methylphenol	ND	F2 F1	33.1	12.62	J F1	ug/L		38	50 - 150
3,3'-Dichlorobenzidine	ND	F1	66.2	28.64	F1	ug/L		43	50 - 150
3-Nitroaniline	ND		33.1	22.58		ug/L		68	50 - 150
4,6-Dinitro-2-methylphenol	ND		66.2	49.07		ug/L		74	50 - 150
4-Bromophenyl phenyl ether	ND		33.1	19.83		ug/L		60	50 - 150
4-Chloro-3-methylphenol	ND		33.1	21.96		ug/L		66	50 - 150
4-Chloroaniline	ND		33.1	22.47		ug/L		68	50 - 150
4-Chlorophenyl phenyl ether	ND		33.1	21.26		ug/L		64	50 - 150
4-Nitroaniline	ND		33.1	19.18		ug/L		58	50 - 150
4-Nitrophenol	ND		66.2	45.23		ug/L		68	50 - 150
Acenaphthene	ND		33.1	21.01		ug/L		63	50 - 150
Acenaphthylene	ND		33.1	22.39		ug/L		68	50 - 150
Acetophenone	ND		33.1	24.51		ug/L		74	50 - 150
Anthracene	ND		33.1	22.66		ug/L		68	50 - 150
Atrazine	ND		33.1	17.63		ug/L		53	50 - 150
Benzaldehyde	ND	F1	33.1	15.53	F1	ug/L		47	50 - 150
Benzo[a]anthracene	ND		33.1	21.03		ug/L		64	50 - 150
Benzo[a]pyrene	ND		33.1	19.64		ug/L		59	50 - 150
Benzo[b]fluoranthene	ND		33.1	18.62		ug/L		56	50 - 150
Benzo[g,h,i]perylene	ND		33.1	18.56		ug/L		56	50 - 150
Benzo[k]fluoranthene	ND		33.1	20.07		ug/L		61	50 - 150
bis (2-chloroisopropyl) ether	ND		33.1	22.38		ug/L		68	50 - 150

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

Lab Sample ID: 752-41560-1 MS
Matrix: Water
Analysis Batch: 738838

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	ND		33.1	22.49		ug/L		68	50 - 150
Bis(2-chloroethyl)ether	ND		33.1	21.51		ug/L		65	50 - 150
Bis(2-ethylhexyl) phthalate	ND		33.1	21.04		ug/L		64	50 - 150
Butyl benzyl phthalate	ND		33.1	19.18		ug/L		58	50 - 150
Caprolactam	7.44	J	33.1	24.21		ug/L		51	50 - 150
Carbazole	ND		33.1	22.36		ug/L		68	50 - 150
Chrysene	ND		33.1	19.79		ug/L		60	50 - 150
Dibenz(a,h)anthracene	ND		33.1	19.35		ug/L		58	50 - 150
Dibenzofuran	ND		33.1	21.22		ug/L		64	50 - 150
Diethyl phthalate	ND		33.1	18.44		ug/L		56	50 - 150
Dimethyl phthalate	ND	F1	33.1	17.07		ug/L		52	50 - 150
Di-n-butyl phthalate	ND		33.1	19.68		ug/L		59	50 - 150
Di-n-octyl phthalate	ND		33.1	21.10		ug/L		64	50 - 150
Fluoranthene	ND		33.1	21.00		ug/L		63	50 - 150
Fluorene	ND		33.1	21.51		ug/L		65	50 - 150
Hexachlorobenzene	ND		33.1	20.05		ug/L		61	50 - 150
Hexachlorobutadiene	ND	F1	33.1	14.18	F1	ug/L		43	50 - 150
Hexachlorocyclopentadiene	ND	F1	33.1	14.98	J F1	ug/L		45	50 - 150
Hexachloroethane	ND	F1	33.1	14.77	F1	ug/L		45	50 - 150
Indeno[1,2,3-cd]pyrene	ND		33.1	18.44		ug/L		56	50 - 150
Isophorone	ND		33.1	24.25		ug/L		73	50 - 150
Naphthalene	ND		33.1	19.60		ug/L		59	50 - 150
Nitrobenzene	ND		33.1	24.67		ug/L		74	50 - 150
N-Nitrosodi-n-propylamine	ND		33.1	22.26		ug/L		67	50 - 150
N-Nitrosodiphenylamine	ND		32.8	22.19		ug/L		68	50 - 150
Pentachlorophenol	ND		66.2	51.26		ug/L		77	50 - 150
Phenanthrene	ND		33.1	22.23		ug/L		67	50 - 150
Phenol	ND	F2 F1	33.1	12.43	F1	ug/L		38	50 - 150
Pyrene	ND		33.1	21.63		ug/L		65	50 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 150*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*
2-Fluorophenol (Surr)	*53*		*10 - 150*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*
Phenol-d5 (Surr)	*44*		*10 - 150*
Terphenyl-d14 (Surr)	*49*		*28 - 150*

Lab Sample ID: 752-41560-1 MSD
Matrix: Water
Analysis Batch: 738838

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		33.1	19.37		ug/L		59	50 - 150	2	40
2,4,5-Trichlorophenol	ND		33.1	22.50		ug/L		68	50 - 150	7	40
2,4,6-Trichlorophenol	ND		33.1	21.54		ug/L		65	50 - 150	9	40
2,4-Dichlorophenol	ND		33.1	22.38		ug/L		68	50 - 150	4	40
2,4-Dimethylphenol	ND	F2 F1	33.1	16.92	F2	ug/L		51	50 - 150	51	40

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

Lab Sample ID: 752-41560-1 MSD
Matrix: Water
Analysis Batch: 738838

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		66.2	53.78		ug/L		81	50 - 150	7	40
2,4-Dinitrotoluene	ND		33.1	24.15		ug/L		73	50 - 150	3	40
2,6-Dinitrotoluene	ND		33.1	23.23		ug/L		70	50 - 150	3	40
2-Chloronaphthalene	ND		33.1	18.84		ug/L		57	50 - 150	2	40
2-Chlorophenol	ND		33.1	21.32		ug/L		64	50 - 150	6	40
2-Methylnaphthalene	ND		33.1	20.31		ug/L		61	50 - 150	2	40
2-Methylphenol	ND	F2 F1	33.1	19.84	F2	ug/L		60	50 - 150	52	40
2-Nitroaniline	ND		33.1	22.58		ug/L		68	50 - 150	1	40
2-Nitrophenol	ND		33.1	22.63		ug/L		68	50 - 150	8	40
3 & 4 Methylphenol	ND	F2 F1	33.1	19.57	J F2	ug/L		59	50 - 150	43	40
3,3'-Dichlorobenzidine	ND	F1	66.2	29.83	F1	ug/L		45	50 - 150	4	40
3-Nitroaniline	ND		33.1	23.38		ug/L		71	50 - 150	3	40
4,6-Dinitro-2-methylphenol	ND		66.2	45.21		ug/L		68	50 - 150	8	40
4-Bromophenyl phenyl ether	ND		33.1	19.91		ug/L		60	50 - 150	0	40
4-Chloro-3-methylphenol	ND		33.1	22.01		ug/L		66	50 - 150	0	40
4-Chloroaniline	ND		33.1	22.45		ug/L		68	50 - 150	0	40
4-Chlorophenyl phenyl ether	ND		33.1	21.17		ug/L		64	50 - 150	0	40
4-Nitroaniline	ND		33.1	18.30		ug/L		55	50 - 150	5	40
4-Nitrophenol	ND		66.2	58.00		ug/L		88	50 - 150	25	40
Acenaphthene	ND		33.1	20.52		ug/L		62	50 - 150	2	40
Acenaphthylene	ND		33.1	21.72		ug/L		66	50 - 150	3	40
Acetophenone	ND		33.1	23.74		ug/L		72	50 - 150	3	40
Anthracene	ND		33.1	22.73		ug/L		69	50 - 150	0	40
Atrazine	ND		33.1	17.43		ug/L		53	50 - 150	1	40
Benzaldehyde	ND	F1	33.1	15.19	F1	ug/L		46	50 - 150	2	40
Benzo[a]anthracene	ND		33.1	21.06		ug/L		64	50 - 150	0	40
Benzo[a]pyrene	ND		33.1	19.47		ug/L		59	50 - 150	1	40
Benzo[b]fluoranthene	ND		33.1	19.92		ug/L		60	50 - 150	7	40
Benzo[g,h,i]perylene	ND		33.1	18.89		ug/L		57	50 - 150	2	40
Benzo[k]fluoranthene	ND		33.1	19.51		ug/L		59	50 - 150	3	40
bis (2-chloroisopropyl) ether	ND		33.1	21.67		ug/L		65	50 - 150	3	40
Bis(2-chloroethoxy)methane	ND		33.1	22.01		ug/L		66	50 - 150	2	40
Bis(2-chloroethyl)ether	ND		33.1	20.73		ug/L		63	50 - 150	4	40
Bis(2-ethylhexyl) phthalate	ND		33.1	20.24		ug/L		61	50 - 150	4	40
Butyl benzyl phthalate	ND		33.1	18.32		ug/L		55	50 - 150	5	40
Caprolactam	7.44	J	33.1	23.90		ug/L		50	50 - 150	1	40
Carbazole	ND		33.1	22.08		ug/L		67	50 - 150	1	40
Chrysene	ND		33.1	19.94		ug/L		60	50 - 150	1	40
Dibenz(a,h)anthracene	ND		33.1	19.53		ug/L		59	50 - 150	1	40
Dibenzofuran	ND		33.1	20.72		ug/L		63	50 - 150	2	40
Diethyl phthalate	ND		33.1	17.75		ug/L		54	50 - 150	4	40
Dimethyl phthalate	ND	F1	33.1	16.13	F1	ug/L		49	50 - 150	6	40
Di-n-butyl phthalate	ND		33.1	19.52		ug/L		59	50 - 150	1	40
Di-n-octyl phthalate	ND		33.1	19.85		ug/L		60	50 - 150	6	40
Fluoranthene	ND		33.1	21.42		ug/L		65	50 - 150	2	40
Fluorene	ND		33.1	20.88		ug/L		63	50 - 150	3	40
Hexachlorobenzene	ND		33.1	19.93		ug/L		60	50 - 150	1	40
Hexachlorobutadiene	ND	F1	33.1	14.21	F1	ug/L		43	50 - 150	0	40
Hexachlorocyclopentadiene	ND	F1	33.1	14.96	J F1	ug/L		45	50 - 150	0	40

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

Lab Sample ID: 752-41560-1 MSD
Matrix: Water
Analysis Batch: 738838

Client Sample ID: 821-MW-1
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane	ND	F1	33.1	14.70	F1	ug/L		44	50 - 150	0	40
Indeno[1,2,3-cd]pyrene	ND		33.1	18.49		ug/L		56	50 - 150	0	40
Isophorone	ND		33.1	23.47		ug/L		71	50 - 150	3	40
Naphthalene	ND		33.1	19.35		ug/L		58	50 - 150	1	40
Nitrobenzene	ND		33.1	24.40		ug/L		74	50 - 150	1	40
N-Nitrosodi-n-propylamine	ND		33.1	21.87		ug/L		66	50 - 150	2	40
N-Nitrosodiphenylamine	ND		32.8	21.55		ug/L		66	50 - 150	3	40
Pentachlorophenol	ND		66.2	48.28		ug/L		73	50 - 150	6	40
Phenanthrene	ND		33.1	22.15		ug/L		67	50 - 150	0	40
Phenol	ND	F2 F1	33.1	21.26	F2	ug/L		64	50 - 150	52	40
Pyrene	ND		33.1	22.14		ug/L		67	50 - 150	2	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*
2-Fluorobiphenyl (Surr)	*59*		*25 - 139*
2-Fluorophenol (Surr)	*74*		*10 - 150*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*
Phenol-d5 (Surr)	*75*		*10 - 150*
Terphenyl-d14 (Surr)	*42*		*28 - 150*

Method: 6020B - Metals (ICP/MS)

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
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

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

Lab Sample ID: LCS 705-112185/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 113069
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		

Lab Sample ID: 752-41560-1 MS
Client Sample ID: 821-MW-1
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 113069
Prep Batch: 112185

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	ND		100	97.53		ug/L		98	75 - 125		
Arsenic	ND		100	102.3		ug/L		102	75 - 125		
Barium	154		100	244.7		ug/L		91	75 - 125		
Beryllium	ND		100	97.59		ug/L		98	75 - 125		
Cadmium	ND		100	93.58		ug/L		94	75 - 125		
Chromium	ND		100	98.38		ug/L		98	75 - 125		
Cobalt	ND		100	96.37		ug/L		96	75 - 125		
Copper	ND		100	99.85		ug/L		100	75 - 125		
Lead	ND		100	102.0		ug/L		102	75 - 125		
Manganese	82.7		100	179.1		ug/L		96	75 - 125		
Nickel	1.45	J	100	98.30		ug/L		97	75 - 125		
Selenium	ND		100	98.78		ug/L		99	75 - 125		
Silver	ND		10.0	9.985		ug/L		100	75 - 125		
Thallium	ND		100	102.9		ug/L		103	75 - 125		
Vanadium	8.76		100	106.3		ug/L		98	75 - 125		
Zinc	ND		100	99.71		ug/L		100	75 - 125		

Lab Sample ID: 752-41560-1 MSD
Client Sample ID: 821-MW-1
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 113069
Prep Batch: 112185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		100	99.99		ug/L		100	75 - 125	2	20
Arsenic	ND		100	103.3		ug/L		103	75 - 125	1	20
Barium	154		100	258.3		ug/L		105	75 - 125	5	20
Beryllium	ND		100	99.11		ug/L		99	75 - 125	2	20
Cadmium	ND		100	97.34		ug/L		97	75 - 125	4	20

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

Lab Sample ID: 752-41560-1 MSD — **Client Sample ID: 821-MW-1**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 113069 — **Prep Batch: 112185**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	ND		100	99.51		ug/L		100	75 - 125	1	20
Cobalt	ND		100	98.04		ug/L		98	75 - 125	2	20
Copper	ND		100	100.9		ug/L		101	75 - 125	1	20
Lead	ND		100	103.6		ug/L		104	75 - 125	2	20
Manganese	82.7		100	189.6		ug/L		107	75 - 125	6	20
Nickel	1.45	J	100	99.41		ug/L		98	75 - 125	1	20
Selenium	ND		100	99.76		ug/L		100	75 - 125	1	20
Silver	ND		10.0	9.979		ug/L		100	75 - 125	0	20
Thallium	ND		100	105.0		ug/L		105	75 - 125	2	20
Vanadium	8.76		100	107.2		ug/L		98	75 - 125	1	20
Zinc	ND		100	104.4		ug/L		104	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-112278/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113033 — **Prep Batch: 112278**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/09/26 08:31	02/09/26 15:01	1

Lab Sample ID: LCS 705-112278/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113033 — **Prep Batch: 112278**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.938		ug/L		98	80 - 120

Lab Sample ID: MB 705-112280/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 112749 — **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 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 112749 — **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: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14792/13 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14792

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

Method: 350.1 - Nitrogen, Ammonia (Continued)

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: MB 752-14809/43
Matrix: Water
Analysis Batch: 14809

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			02/12/26 11:40	1

Lab Sample ID: LCS 752-14809/44
Matrix: Water
Analysis Batch: 14809

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	1.066		mg/L		105	90 - 110

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

Lab Sample ID: MB 752-14775/41
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 17:25	1

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: LCS 752-14775/47
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	0.9342		mg/L		93	90 - 110

Method: 353.2 - Nitrogen, Nitrite (Continued)

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: 752-41560-3 MS
Matrix: Water
Analysis Batch: 14775

Client Sample ID: 821-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	ND		1.00	0.9735		mg/L		97	90 - 110		

Lab Sample ID: 752-41560-3 MSD
Matrix: Water
Analysis Batch: 14775

Client Sample ID: 821-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND		1.00	0.9698		mg/L		97	90 - 110	0	10

Lab Sample ID: 752-41560-4 DU
Matrix: Water
Analysis Batch: 14775

Client Sample ID: 821-MW-4
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 680-888324/56
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 15:32	1

Lab Sample ID: LCS 680-888324/57
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	0.9860		mg/L		99	90 - 110		

Lab Sample ID: 752-41560-2 MS
Matrix: Water
Analysis Batch: 888324

Client Sample ID: 821-MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	0.148	F1	1.00	0.8870	F1	mg/L		74	90 - 110		

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

Lab Sample ID: 752-41560-2 MSD
Client Sample ID: 821-MW-2
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.148	F1	1.00	0.9200	F1	mg/L		77	90 - 110	4	10

Lab Sample ID: 752-41560-3 MS
Client Sample ID: 821-MW-3
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888324

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.0210	J F1	1.00	0.7300	F1	mg/L		71	90 - 110

Lab Sample ID: 752-41560-3 MSD
Client Sample ID: 821-MW-3
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.0210	J F1	1.00	0.7770	F1	mg/L		76	90 - 110	6	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-739135/16
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 739135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			02/11/26 16:49	1

Lab Sample ID: MB 400-739135/47
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 739135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			02/11/26 17:05	1

Lab Sample ID: LCS 400-739135/17
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 739135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.45		mg/L		96	90 - 110

Lab Sample ID: LCS 400-739135/48
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 739135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	13.80		mg/L		92	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-739135/64
Matrix: Water
Analysis Batch: 739135

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	5.964		mg/L		119	50 - 150

Lab Sample ID: MB 400-739217/71
Matrix: Water
Analysis Batch: 739217

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			02/12/26 14:58	1

Lab Sample ID: LCS 400-739217/72
Matrix: Water
Analysis Batch: 739217

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.99		mg/L		107	90 - 110

GC/MS VOA

Analysis Batch: 112666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-2	821-MW-2	Total/NA	Water	8260D	
752-41560-5	821-MW-5	Total/NA	Water	8260D	
752-41560-8	821-MW-8	Total/NA	Water	8260D	
752-41560-10	821-MW-Dup	Total/NA	Water	8260D	
752-41560-11	Trip Blank	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: 113640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	8260D	
752-41560-3	821-MW-3	Total/NA	Water	8260D	
752-41560-4	821-MW-4	Total/NA	Water	8260D	
752-41560-6	821-MW-6	Total/NA	Water	8260D	
752-41560-7	821-MW-7	Total/NA	Water	8260D	
752-41560-9	821-MW-9	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	

GC/MS Semi VOA

Prep Batch: 738619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	3511	
752-41560-2	821-MW-2	Total/NA	Water	3511	
752-41560-3	821-MW-3	Total/NA	Water	3511	
752-41560-4	821-MW-4	Total/NA	Water	3511	
752-41560-5	821-MW-5	Total/NA	Water	3511	
752-41560-6	821-MW-6	Total/NA	Water	3511	
752-41560-7	821-MW-7	Total/NA	Water	3511	
752-41560-8	821-MW-8	Total/NA	Water	3511	
752-41560-9	821-MW-9	Total/NA	Water	3511	
752-41560-10	821-MW-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	
752-41560-1 MS	821-MW-1	Total/NA	Water	3511	
752-41560-1 MSD	821-MW-1	Total/NA	Water	3511	

Analysis Batch: 738838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	8270E	738619
752-41560-2	821-MW-2	Total/NA	Water	8270E	738619
752-41560-3	821-MW-3	Total/NA	Water	8270E	738619
752-41560-4	821-MW-4	Total/NA	Water	8270E	738619
752-41560-5	821-MW-5	Total/NA	Water	8270E	738619
752-41560-6	821-MW-6	Total/NA	Water	8270E	738619
752-41560-7	821-MW-7	Total/NA	Water	8270E	738619
752-41560-8	821-MW-8	Total/NA	Water	8270E	738619
752-41560-9	821-MW-9	Total/NA	Water	8270E	738619

GC/MS Semi VOA (Continued)

Analysis Batch: 738838 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-10	821-MW-Dup	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
752-41560-1 MS	821-MW-1	Total/NA	Water	8270E	738619
752-41560-1 MSD	821-MW-1	Total/NA	Water	8270E	738619

Analysis Batch: 738888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	8270E	738619
752-41560-2	821-MW-2	Total/NA	Water	8270E	738619
752-41560-3	821-MW-3	Total/NA	Water	8270E	738619
752-41560-4	821-MW-4	Total/NA	Water	8270E	738619
752-41560-5	821-MW-5	Total/NA	Water	8270E	738619
752-41560-6	821-MW-6	Total/NA	Water	8270E	738619
752-41560-7	821-MW-7	Total/NA	Water	8270E	738619
752-41560-8	821-MW-8	Total/NA	Water	8270E	738619
752-41560-9	821-MW-9	Total/NA	Water	8270E	738619
752-41560-10	821-MW-Dup	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
752-41560-1 MS	821-MW-1	Total/NA	Water	8270E	738619
752-41560-1 MSD	821-MW-1	Total/NA	Water	8270E	738619

Metals

Prep Batch: 112185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total Recoverable	Water	3005A	
752-41560-2	821-MW-2	Total Recoverable	Water	3005A	
752-41560-3	821-MW-3	Total Recoverable	Water	3005A	
752-41560-4	821-MW-4	Total Recoverable	Water	3005A	
752-41560-5	821-MW-5	Total Recoverable	Water	3005A	
752-41560-6	821-MW-6	Total Recoverable	Water	3005A	
752-41560-7	821-MW-7	Total Recoverable	Water	3005A	
752-41560-8	821-MW-8	Total Recoverable	Water	3005A	
752-41560-9	821-MW-9	Total Recoverable	Water	3005A	
752-41560-10	821-MW-Dup	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	
752-41560-1 MS	821-MW-1	Total Recoverable	Water	3005A	
752-41560-1 MSD	821-MW-1	Total Recoverable	Water	3005A	

Prep Batch: 112278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-9	821-MW-9	Total/NA	Water	7470A	
752-41560-10	821-MW-Dup	Total/NA	Water	7470A	
MB 705-112278/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-112278/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals

Prep Batch: 112280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	7470A	
752-41560-2	821-MW-2	Total/NA	Water	7470A	
752-41560-3	821-MW-3	Total/NA	Water	7470A	
752-41560-4	821-MW-4	Total/NA	Water	7470A	
752-41560-5	821-MW-5	Total/NA	Water	7470A	
752-41560-6	821-MW-6	Total/NA	Water	7470A	
752-41560-7	821-MW-7	Total/NA	Water	7470A	
752-41560-8	821-MW-8	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	

Analysis Batch: 112749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	7470A	112280
752-41560-2	821-MW-2	Total/NA	Water	7470A	112280
752-41560-3	821-MW-3	Total/NA	Water	7470A	112280
752-41560-4	821-MW-4	Total/NA	Water	7470A	112280
752-41560-5	821-MW-5	Total/NA	Water	7470A	112280
752-41560-6	821-MW-6	Total/NA	Water	7470A	112280
752-41560-7	821-MW-7	Total/NA	Water	7470A	112280
752-41560-8	821-MW-8	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

Analysis Batch: 113033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-9	821-MW-9	Total/NA	Water	7470A	112278
752-41560-10	821-MW-Dup	Total/NA	Water	7470A	112278
MB 705-112278/1-A	Method Blank	Total/NA	Water	7470A	112278
LCS 705-112278/2-A	Lab Control Sample	Total/NA	Water	7470A	112278

Analysis Batch: 113069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total Recoverable	Water	6020B	112185
752-41560-2	821-MW-2	Total Recoverable	Water	6020B	112185
752-41560-3	821-MW-3	Total Recoverable	Water	6020B	112185
752-41560-4	821-MW-4	Total Recoverable	Water	6020B	112185
752-41560-5	821-MW-5	Total Recoverable	Water	6020B	112185
752-41560-6	821-MW-6	Total Recoverable	Water	6020B	112185
752-41560-7	821-MW-7	Total Recoverable	Water	6020B	112185
752-41560-8	821-MW-8	Total Recoverable	Water	6020B	112185
752-41560-9	821-MW-9	Total Recoverable	Water	6020B	112185
752-41560-10	821-MW-Dup	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
752-41560-1 MS	821-MW-1	Total Recoverable	Water	6020B	112185
752-41560-1 MSD	821-MW-1	Total Recoverable	Water	6020B	112185

General Chemistry

Analysis Batch: 14775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	353.2	
752-41560-2	821-MW-2	Total/NA	Water	353.2	
752-41560-3	821-MW-3	Total/NA	Water	353.2	
752-41560-4	821-MW-4	Total/NA	Water	353.2	
752-41560-5	821-MW-5	Total/NA	Water	353.2	
752-41560-6	821-MW-6	Total/NA	Water	353.2	
752-41560-7	821-MW-7	Total/NA	Water	353.2	
752-41560-8	821-MW-8	Total/NA	Water	353.2	
752-41560-9	821-MW-9	Total/NA	Water	353.2	
752-41560-10	821-MW-Dup	Total/NA	Water	353.2	
MB 752-14775/11	Method Blank	Total/NA	Water	353.2	
MB 752-14775/41	Method Blank	Total/NA	Water	353.2	
LCS 752-14775/14	Lab Control Sample	Total/NA	Water	353.2	
LCS 752-14775/47	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14775/70	Lab Control Sample Dup	Total/NA	Water	353.2	
752-41560-3 MS	821-MW-3	Total/NA	Water	353.2	
752-41560-3 MSD	821-MW-3	Total/NA	Water	353.2	
752-41560-4 DU	821-MW-4	Total/NA	Water	353.2	

Analysis Batch: 14792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	350.1	
752-41560-2	821-MW-2	Total/NA	Water	350.1	
752-41560-3	821-MW-3	Total/NA	Water	350.1	
752-41560-4	821-MW-4	Total/NA	Water	350.1	
752-41560-5	821-MW-5	Total/NA	Water	350.1	
752-41560-6	821-MW-6	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	

Analysis Batch: 14809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-7	821-MW-7	Total/NA	Water	350.1	
752-41560-8	821-MW-8	Total/NA	Water	350.1	
752-41560-9	821-MW-9	Total/NA	Water	350.1	
752-41560-10	821-MW-Dup	Total/NA	Water	350.1	
MB 752-14809/43	Method Blank	Total/NA	Water	350.1	
LCS 752-14809/44	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 739135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-2	821-MW-2	Total/NA	Water	SM 4500 SO4 E	
752-41560-3	821-MW-3	Total/NA	Water	SM 4500 SO4 E	
752-41560-4	821-MW-4	Total/NA	Water	SM 4500 SO4 E	
752-41560-5	821-MW-5	Total/NA	Water	SM 4500 SO4 E	
752-41560-6	821-MW-6	Total/NA	Water	SM 4500 SO4 E	
752-41560-7	821-MW-7	Total/NA	Water	SM 4500 SO4 E	
752-41560-8	821-MW-8	Total/NA	Water	SM 4500 SO4 E	
752-41560-9	821-MW-9	Total/NA	Water	SM 4500 SO4 E	
752-41560-10	821-MW-Dup	Total/NA	Water	SM 4500 SO4 E	
MB 400-739135/16	Method Blank	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 739135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-739135/47	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-739135/17	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 400-739135/48	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-739135/64	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 739217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-739217/71	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-739217/72	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 888315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	Nitrate by calc	
752-41560-2	821-MW-2	Total/NA	Water	Nitrate by calc	
752-41560-3	821-MW-3	Total/NA	Water	Nitrate by calc	
752-41560-4	821-MW-4	Total/NA	Water	Nitrate by calc	
752-41560-5	821-MW-5	Total/NA	Water	Nitrate by calc	
752-41560-6	821-MW-6	Total/NA	Water	Nitrate by calc	
752-41560-7	821-MW-7	Total/NA	Water	Nitrate by calc	
752-41560-8	821-MW-8	Total/NA	Water	Nitrate by calc	
752-41560-9	821-MW-9	Total/NA	Water	Nitrate by calc	
752-41560-10	821-MW-Dup	Total/NA	Water	Nitrate by calc	

Analysis Batch: 888324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41560-1	821-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-41560-2	821-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41560-3	821-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-41560-4	821-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-41560-5	821-MW-5	Total/NA	Water	353.2-1993 R2.0	
752-41560-6	821-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-41560-7	821-MW-7	Total/NA	Water	353.2-1993 R2.0	
752-41560-8	821-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-41560-9	821-MW-9	Total/NA	Water	353.2-1993 R2.0	
752-41560-10	821-MW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-888324/56	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888324/57	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-41560-2 MS	821-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41560-2 MSD	821-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41560-3 MS	821-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-41560-3 MSD	821-MW-3	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-1
Lab Sample ID: 752-41560-1
Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 12:30

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 01:41
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 14:18
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 14:18
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 20:00
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 16:40
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:30
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:23
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:36
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	739217	CJK	EET PEN	02/12/26 15:18

Client Sample ID: 821-MW-2
Lab Sample ID: 752-41560-2
Date Collected: 02/03/26 15:20
Matrix: Water
Date Received: 02/04/26 12:30

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 18:12
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 14:48
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 14:48
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 20:11
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 16:44
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:32
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:24
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:38
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:01

Client Sample ID: 821-MW-3
Lab Sample ID: 752-41560-3
Date Collected: 02/03/26 13:10
Matrix: Water
Date Received: 02/04/26 12:30

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 02:05
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 15:18

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-3
Lab Sample ID: 752-41560-3
Date Collected: 02/03/26 13:10
Matrix: Water
Date Received: 02/04/26 12:30

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 15:18
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 20:14
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 16:47
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:34
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:26
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:43
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:01

Client Sample ID: 821-MW-4
Lab Sample ID: 752-41560-4
Date Collected: 02/03/26 13:45
Matrix: Water
Date Received: 02/04/26 12:30

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 02:29
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 15:49
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 15:49
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 20:16
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 16:51
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:35
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:31
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:49
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:02

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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 19:27
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 16:19
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 16:19
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 20:40

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-5
Lab Sample ID: 752-41560-5
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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 16:55
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:37
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:33
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:50
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:02

Client Sample ID: 821-MW-6
Lab Sample ID: 752-41560-6
Date Collected: 02/03/26 11:20
Matrix: Water
Date Received: 02/04/26 12:30

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 02:53
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 16:49
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 16:49
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 20:43
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 16:59
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:39
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:34
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:52
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:03

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7
Date Collected: 02/03/26 11:55
Matrix: Water
Date Received: 02/04/26 12:30

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 03:17
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 17:19
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 17:19
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 20:45
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 17:12
Total/NA	Analysis	350.1		1	14809	CB	EET RAL	02/12/26 12:00

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-7
Lab Sample ID: 752-41560-7
Date Collected: 02/03/26 11:55
Matrix: Water
Date Received: 02/04/26 12:30

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 17:35
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:54
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:03

Client Sample ID: 821-MW-8
Lab Sample ID: 752-41560-8
Date Collected: 02/03/26 12:35
Matrix: Water
Date Received: 02/04/26 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 20:42
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 17:49
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 17:49
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 20:48
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 17:16
Total/NA	Analysis	350.1		1	14809	CB	EET RAL	02/12/26 12:02
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:35
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:56
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:03

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9
Date Collected: 02/03/26 16:05
Matrix: Water
Date Received: 02/04/26 12:30

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 03:41
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 18:24
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 18:24
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 20:51
Total/NA	Prep	7470A			112278	TR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113033	GR	EET ATL	02/09/26 16:53
Total/NA	Analysis	350.1		1	14809	CB	EET RAL	02/12/26 12:04
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:36
Total/NA	Analysis	353.2-1993 R2.0		1	888324	NVF	EET SAV	02/06/26 15:58
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Client Sample ID: 821-MW-9
Lab Sample ID: 752-41560-9
Date Collected: 02/03/26 16:05
Matrix: Water
Date Received: 02/04/26 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:14

Client Sample ID: 821-MW-Dup
Lab Sample ID: 752-41560-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 12:30

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 21:57
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 18:54
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 18:54
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 20:53
Total/NA	Prep	7470A			112278	TR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113033	GR	EET ATL	02/09/26 16:56
Total/NA	Analysis	350.1		1	14809	CB	EET RAL	02/12/26 12:05
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:37
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 16:00
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	739135	CJK	EET PEN	02/11/26 17:15

Client Sample ID: Trip Blank
Lab Sample ID: 752-41560-11
Date Collected: 02/03/26 10:20
Matrix: Water
Date Received: 02/04/26 12:30

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 21:32

Laboratory References:

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

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

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

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41560-1
Project/Site: East Durham 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: 752-41560-1
Project/Site: East Durham 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
Job ID: 752-41560-1
Project/Site: East Durham Park, Durham, NC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41560-1	821-MW-1	Water	02/03/26 14:40	02/04/26 12:30	North Carolina
752-41560-2	821-MW-2	Water	02/03/26 15:20	02/04/26 12:30	North Carolina
752-41560-3	821-MW-3	Water	02/03/26 13:10	02/04/26 12:30	North Carolina
752-41560-4	821-MW-4	Water	02/03/26 13:45	02/04/26 12:30	North Carolina
752-41560-5	821-MW-5	Water	02/03/26 10:20	02/04/26 12:30	North Carolina
752-41560-6	821-MW-6	Water	02/03/26 11:20	02/04/26 12:30	North Carolina
752-41560-7	821-MW-7	Water	02/03/26 11:55	02/04/26 12:30	North Carolina
752-41560-8	821-MW-8	Water	02/03/26 12:35	02/04/26 12:30	North Carolina
752-41560-9	821-MW-9	Water	02/03/26 16:05	02/04/26 12:30	North Carolina
752-41560-10	821-MW-Dup	Water	02/03/26 00:00	02/04/26 12:30	North Carolina
752-41560-11	Trip Blank	Water	02/03/26 10:20	02/04/26 12:30	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: Clay Faircloth	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170286-59891.1
Client Contact: Jerry Paul	Phone: 843-503-1042	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 TAT			
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 Durham Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-41560 COC

Other:

NCDEQ EQIS EDPs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers
		Preservation Code:					N	N	S	A	D	N	N	
S21-MW-1	2-3-26	1440	G	W			1	1	1	1	1	1	1	
S21-MW-2		1520					1	1	1	1	1	1	1	
S21-MW-3		1310					1	1	1	1	1	1	1	
S21-MW-4		1345					1	1	1	1	1	1	1	
S21-MW-5		1020					1	1	1	1	1	1	1	
S21-MW-6		1120					1	1	1	1	1	1	1	
S21-MW-7		1155					1	1	1	1	1	1	1	
S21-MW-8		1235					1	1	1	1	1	1	1	
S21-MW-9		1605					1	1	1	1	1	1	1	
S21-MW-DUP		—					1	1	1	1	1	1	1	
TRIP BLANK	—	—	—							1				

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Clay Faircloth	2-4-26 1230		[illegible]	2/4/26 1250	
Relinquished by:		Company	Received by:	Date/Time:	Company
Relinquished by:		Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3 coolers 2.6 2.3 2.7 2.4

Initial Temperature: 1.8 °C
Correction Factor: -0.3°C
Corrected Temperature: 1.5 °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 #: 752-41560-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/12/2026	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East Durham Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
821-MW-1 (752-41560-1)	2/3/26	14 40 Eastern	G	Water			X	X	X	3	
821-MW-2 (752-41560-2)	2/3/26	15 20 Eastern	G	Water			X	X	X	3	
821-MW-3 (752-41560-3)	2/3/26	13 10 Eastern	G	Water			X	X	X	3	
821-MW-4 (752-41560-4)	2/3/26	13.45 Eastern	G	Water			X	X	X	3	
821-MW-5 (752-41560-5)	2/3/26	10:20 Eastern	G	Water			X	X	X	3	
821-MW-6 (752-41560-6)	2/3/26	11 20 Eastern	G	Water			X	X	X	3	
821-MW-7 (752-41560-7)	2/3/26	11 55 Eastern	G	Water			X	X	X	3	
821-MW-8 (752-41560-8)	2/3/26	12:35 Eastern	G	Water			X	X	X	3	
821-MW-9 (752-41560-9)	2/3/26	16 05 Eastern	G	Water			X	X	X	3	

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

Possible Hazard Identification	*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
	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: 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 IR4, 0.5°C ER8, 2.0°C ER11

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: 752-7878.2
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 #: 752-41560-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/12/2026			
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 Durham 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)	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:																
821-MW-Dup (752-41560-10)	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:	Company
				02/06/26 1005	EPTS

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

Custody Seal

DATE

SIGNATURE

eurofins

2902057

XS PNSA

TRK# 0201 4965 1025 5015

##MASTER##

THU - 05 FEB 10:30A

PRIORITY OVERNIGHT

32514

FL-US BFM

1 of 4

FedEx Express

ORIGIN ID:SOPA (919) 467-3090
HAYLEIGH HODGE
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27514
UNITED STATES US

SHIP DATE: 04FEB25
ACTWGT: 20.00 LB MAN
CAD: 9023009/CAFE3953

BILL SENDER

TO EUROFINS-PENSACOLA
EUROFINS-PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325143045

REF:
INV:
PO:
DEPT:

Part # 159469-434 RRDB2 EXP 10/26

No Coc

XS PNSA

32514 BFM

FL-US

THU - 05 FEB 10:30A
PRIORITY OVERNIGHT

0201

Mstr# 4965 1025 5015

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2 of 4

FedEx Express

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INV:
PO:
DEPT:

REF:

PENSACOLA FL 325147045

TO EUROFINS-PENSACOLA
EUROFINS-PENSACOLA
3355 MCLEMORE DR

Part # 159469-434 RRDB2 EXP 10/26

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

SHIP DATE: 04FEB26
ACTWGT: 20.00 LB.MAN
CAD: 0923009/CAFE3953

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3 of 4
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FedEx Express
PENSACOLA FL 325147045
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TO EUROFINS-PENSACOLA
EUROFINS-PENSACOLA
3355 MCLEMORE DR
ORIGIN ID:SOPA (919) 467-3090
HAYLEIGH HODGE
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 04FEB26
ACTWGT: 20.00 LB MAN
CAD: 0923008/CAFE3953
BILL SENDER
Part # 159469-434 RRDB2 EXP 10/26
5965/5057/5962

eurofins

2902052

XS PNSA

FedEx Express

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Mail# 4965 1025 5015

0201

THU - 05 FEB 10:30A

PRIORITY OVERNIGHT

3251 4

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FL-US

PENSACOLA FL 325147045

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

SHIP DATE: 04FEB26
ACTWGT: 20.00 LB.MAN
CAD: 0923009/CAFE3953

BILL SENDER

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

Part # 159469-434 RRDB2 EXP 10/26

SHIP

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 #: 752-41560-1
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 Durham 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:							
821-MW-1 (752-41560-1)	2/3/26	14 40 Eastern	G	Water			X	X	1	
821-MW-2 (752-41560-2)	2/3/26	15 20 Eastern	G	Water			X	X	1	
821-MW-3 (752-41560-3)	2/3/26	13 10 Eastern	G	Water			X	X	1	
821-MW-4 (752-41560-4)	2/3/26	13 45 Eastern	G	Water			X	X	1	
821-MW-5 (752-41560-5)	2/3/26	10:20 Eastern	G	Water			X	X	1	
821-MW-6 (752-41560-6)	2/3/26	11.20 Eastern	G	Water			X	X	1	
821-MW-7 (752-41560-7)	2/3/26	11 55 Eastern	G	Water			X	X	1	
821-MW-8 (752-41560-8)	2/3/26	12.35 Eastern	G	Water			X	X	1	
821-MW-9 (752-41560-9)	2/3/26	16 05 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
AR	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: Δ Yes Δ 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: 752-41560-1

Login Number: 41560

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: 752-41560-1

Login Number: 41560
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: 752-41560-1

Login Number: 41560
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: 752-41560-1

Login Number: 41560
List Number: 3
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 02/06/26 10:54 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/10/2026 9:45:39 AM

JOB DESCRIPTION

East Durham Park

JOB NUMBER

752-41439-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



Generated
2/10/2026 9:45:39 AM

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

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

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
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
752-41439-1

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 1/28/2026 4:52 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

GC/MS VOA
Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The sample(s) associated with the QC was non-detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-111920/3), (LCS 705-111920/1003) and (752-41439-G-2 MS)

Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The sample(s) associated with the QC was non detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-112210/2) and (LCS 705-112210/1002)

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

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-111325 and analytical batch 705-111863 contained Thallium above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

Method 7470A: The method blank for preparation batch 705-111600 and analytical batch 705-111882 contained Mercury above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

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

General Chemistry
Method 353.2-1993 R2.0: The method blank for analytical batch 680-888202 contained NOx above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL).

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

Detection Summary

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-1 — Lab Sample ID: 752-41439-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	84.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.10		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	91.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.28	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	20.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Mercury	0.411		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	0.291	B F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.291		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	24.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-SW-2 — Lab Sample ID: 752-41439-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	57.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.707	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	7.17		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	5.97		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	131		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.92	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.47	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	41.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.905	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.905		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	25.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-SW-3 — Lab Sample ID: 752-41439-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	53.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.35		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	97.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.806	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	14.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.166	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.166		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	21.4		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-4 — Lab Sample ID: 752-41439-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	55.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.55		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	123		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.04	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	14.2		10.0	8.91	ug/L	1		6020B	Total Recoverable
Mercury	0.171	J B	0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	0.133	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.133		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	33.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-SW-5 — Lab Sample ID: 752-41439-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.18		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	50.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.682	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Thallium	0.766	J B	1.00	0.190	ug/L	1		6020B	Total Recoverable
Zinc	13.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.141	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.141		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	23.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-SW-6 — Lab Sample ID: 752-41439-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	49.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.02		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.00		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	47.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.638	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	15.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.155	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.155		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	19.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-7 — Lab Sample ID: 752-41439-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	50.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.96		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	39.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.38	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	14.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.121	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.121		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	18.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 821-SW-Dup — Lab Sample ID: 752-41439-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	56.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.25		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	118		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.02	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	14.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.65	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	1.65		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	38.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-41439-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-1
Lab Sample ID: 752-41439-1
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

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			02/05/26 19:13	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 19:13	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 19:13	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 19:13	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 19:13	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 19:13	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 19:13	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 19:13	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 19:13	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 19:13	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 19:13	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 19:13	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 19:13	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 19:13	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 19:13	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 19:13	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 19:13	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 19:13	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 19:13	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 19:13	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 19:13	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 19:13	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 19:13	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 19:13	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 19:13	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 19:13	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 19:13	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 19:13	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 19:13	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 19:13	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 19:13	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 19:13	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 19:13	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 19:13	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 19:13	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 19:13	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 19:13	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 19:13	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 19:13	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 19:13	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 19:13	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 19:13	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 19:13	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 19:13	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 19:13	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 19:13	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 19:13	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 19:13	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 19:13	1

Client Sample ID: 821-SW-1
Date Collected: 01/28/26 11:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-1
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			02/05/26 19:13	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 19:13	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 19:13	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 19:13	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 19:13	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 19:13	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 19:13	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 19:13	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 19:13	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 19:13	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 19:13	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 19:13	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 19:13	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 19:13	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 19:13	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 19:13	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 19:13	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 19:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 19:13	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 19:13	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 19:13	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 19:13	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 19:13	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/05/26 19:13*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 19:13*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 19:13*	*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		01/30/26 15:28	02/02/26 20:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*92*		*40 - 150*	*01/30/26 15:28*	*02/02/26 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		10.1	0.424	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		01/30/26 15:28	02/02/26 20:24	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		01/30/26 15:28	02/02/26 20:24	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		01/30/26 15:28	02/02/26 20:24	1
2-Chlorophenol	ND		10.1	0.848	ug/L		01/30/26 15:28	02/02/26 20:24	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		01/30/26 15:28	02/02/26 20:24	1
2-Methylphenol	ND		10.1	0.768	ug/L		01/30/26 15:28	02/02/26 20:24	1

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-1
Lab Sample ID: 752-41439-1
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		01/30/26 15:28	02/02/26 20:24	1
2-Nitrophenol	ND		10.1	1.18	ug/L		01/30/26 15:28	02/02/26 20:24	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		01/30/26 15:28	02/02/26 20:24	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		01/30/26 15:28	02/02/26 20:24	1
3-Nitroaniline	ND		10.1	0.960	ug/L		01/30/26 15:28	02/02/26 20:24	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		01/30/26 15:28	02/02/26 20:24	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		01/30/26 15:28	02/02/26 20:24	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		01/30/26 15:28	02/02/26 20:24	1
4-Chloroaniline	ND		10.1	0.586	ug/L		01/30/26 15:28	02/02/26 20:24	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 20:24	1
4-Nitroaniline	ND		10.1	3.54	ug/L		01/30/26 15:28	02/02/26 20:24	1
4-Nitrophenol	ND		10.1	2.77	ug/L		01/30/26 15:28	02/02/26 20:24	1
Acenaphthene	ND		10.1	0.636	ug/L		01/30/26 15:28	02/02/26 20:24	1
Acenaphthylene	ND		10.1	0.768	ug/L		01/30/26 15:28	02/02/26 20:24	1
Acetophenone	ND		10.1	3.23	ug/L		01/30/26 15:28	02/02/26 20:24	1
Anthracene	ND		10.1	0.919	ug/L		01/30/26 15:28	02/02/26 20:24	1
Atrazine	ND		10.1	1.14	ug/L		01/30/26 15:28	02/02/26 20:24	1
Benzaldehyde	ND		10.1	0.677	ug/L		01/30/26 15:28	02/02/26 20:24	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/30/26 15:28	02/02/26 20:24	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 20:24	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 20:24	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		01/30/26 15:28	02/02/26 20:24	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		01/30/26 15:28	02/02/26 20:24	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		01/30/26 15:28	02/02/26 20:24	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		01/30/26 15:28	02/02/26 20:24	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		01/30/26 15:28	02/02/26 20:24	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 20:24	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 20:24	1
Caprolactam	ND		10.1	2.42	ug/L		01/30/26 15:28	02/02/26 20:24	1
Carbazole	ND		10.1	0.323	ug/L		01/30/26 15:28	02/02/26 20:24	1
Chrysene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 20:24	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		01/30/26 15:28	02/02/26 20:24	1
Dibenzofuran	ND		10.1	0.646	ug/L		01/30/26 15:28	02/02/26 20:24	1
Diethyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 20:24	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 20:24	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		01/30/26 15:28	02/02/26 20:24	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 20:24	1
Fluoranthene	ND		10.1	0.636	ug/L		01/30/26 15:28	02/02/26 20:24	1
Fluorene	ND		10.1	0.677	ug/L		01/30/26 15:28	02/02/26 20:24	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		01/30/26 15:28	02/02/26 20:24	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		01/30/26 15:28	02/02/26 20:24	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		01/30/26 15:28	02/02/26 20:24	1
Hexachloroethane	ND		10.1	0.535	ug/L		01/30/26 15:28	02/02/26 20:24	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 20:24	1
Isophorone	ND		10.1	0.808	ug/L		01/30/26 15:28	02/02/26 20:24	1
Naphthalene	ND		10.1	0.758	ug/L		01/30/26 15:28	02/02/26 20:24	1
Nitrobenzene	ND		10.1	0.606	ug/L		01/30/26 15:28	02/02/26 20:24	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		01/30/26 15:28	02/02/26 20:24	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		01/30/26 15:28	02/02/26 20:24	1

Client Sample ID: 821-SW-1
Date Collected: 01/28/26 11:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.83	ug/L		01/30/26 15:28	02/02/26 20:24	1
Phenanthrene	ND		10.1	0.747	ug/L		01/30/26 15:28	02/02/26 20:24	1
Phenol	ND		10.1	0.687	ug/L		01/30/26 15:28	02/02/26 20:24	1
Pyrene	ND		10.1	0.636	ug/L		01/30/26 15:28	02/02/26 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 150*	*01/30/26 15:28*	*02/02/26 20:24*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*01/30/26 15:28*	*02/02/26 20:24*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*01/30/26 15:28*	*02/02/26 20:24*	*1*
Nitrobenzene-d5 (Surr)	*99*		*22 - 150*	*01/30/26 15:28*	*02/02/26 20:24*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 20:24*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*01/30/26 15:28*	*02/02/26 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		02/01/26 15:57	02/03/26 06:36	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:36	1
Barium	**84.9**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:36	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:36	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:36	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:36	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:36	1
Copper	**2.10**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:36	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:36	1
Manganese	**91.6**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:36	1
Nickel	**1.28**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:36	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:36	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:36	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:36	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:36	1
Zinc	**20.9**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.411**		0.200	0.166	ug/L		02/09/26 08:31	02/09/26 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 12:22	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:09	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.291**	**B F1**	0.100	0.0100	mg/L			01/30/26 13:34	1
Nitrate as N (SM Nitrate by calc)	**0.291**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**24.9**		5.00	1.40	mg/L			01/31/26 17:36	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-2
Date Collected: 01/28/26 11:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 16:43	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 16:43	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 16:43	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 16:43	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 16:43	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 16:43	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 16:43	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 16:43	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 16:43	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 16:43	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 16:43	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 16:43	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 16:43	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 16:43	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 16:43	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 16:43	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 16:43	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 16:43	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 16:43	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 16:43	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 16:43	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 16:43	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 16:43	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 16:43	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 16:43	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 16:43	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 16:43	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 16:43	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 16:43	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 16:43	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 16:43	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 16:43	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 16:43	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 16:43	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 16:43	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 16:43	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 16:43	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 16:43	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 16:43	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 16:43	1
4-Isopropyltoluene	ND	F1	1.00	0.430	ug/L			02/04/26 16:43	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 16:43	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 16:43	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 16:43	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 16:43	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 16:43	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 16:43	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 16:43	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 16:43	1

Client Sample ID: 821-SW-2
Date Collected: 01/28/26 11:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-2
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			02/04/26 16:43	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 16:43	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 16:43	1
tert-Butylbenzene	ND	F1	1.00	0.393	ug/L			02/04/26 16:43	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 16:43	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 16:43	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 16:43	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 16:43	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 16:43	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 16:43	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 16:43	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 16:43	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 16:43	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 16:43	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 16:43	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 16:43	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 16:43	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 16:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 16:43	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 16:43	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 16:43	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 16:43	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 16:43	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 16:43*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/04/26 16:43*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/04/26 16:43*	*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		01/30/26 15:28	02/02/26 20:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*93*		*40 - 150*	*01/30/26 15:28*	*02/02/26 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		10.2	0.429	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		01/30/26 15:28	02/02/26 20:54	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		01/30/26 15:28	02/02/26 20:54	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		01/30/26 15:28	02/02/26 20:54	1
2-Chlorophenol	ND		10.2	0.857	ug/L		01/30/26 15:28	02/02/26 20:54	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		01/30/26 15:28	02/02/26 20:54	1
2-Methylphenol	ND		10.2	0.776	ug/L		01/30/26 15:28	02/02/26 20:54	1

Client Sample ID: 821-SW-2
Lab Sample ID: 752-41439-2
Date Collected: 01/28/26 11:45
Matrix: Water
Date Received: 01/28/26 16:52

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		01/30/26 15:28	02/02/26 20:54	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/30/26 15:28	02/02/26 20:54	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		01/30/26 15:28	02/02/26 20:54	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		01/30/26 15:28	02/02/26 20:54	1
3-Nitroaniline	ND		10.2	0.969	ug/L		01/30/26 15:28	02/02/26 20:54	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		01/30/26 15:28	02/02/26 20:54	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		01/30/26 15:28	02/02/26 20:54	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		01/30/26 15:28	02/02/26 20:54	1
4-Chloroaniline	ND		10.2	0.592	ug/L		01/30/26 15:28	02/02/26 20:54	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		01/30/26 15:28	02/02/26 20:54	1
4-Nitroaniline	ND		10.2	3.57	ug/L		01/30/26 15:28	02/02/26 20:54	1
4-Nitrophenol	ND		10.2	2.80	ug/L		01/30/26 15:28	02/02/26 20:54	1
Acenaphthene	ND		10.2	0.643	ug/L		01/30/26 15:28	02/02/26 20:54	1
Acenaphthylene	ND		10.2	0.776	ug/L		01/30/26 15:28	02/02/26 20:54	1
Acetophenone	ND		10.2	3.27	ug/L		01/30/26 15:28	02/02/26 20:54	1
Anthracene	ND		10.2	0.929	ug/L		01/30/26 15:28	02/02/26 20:54	1
Atrazine	ND		10.2	1.15	ug/L		01/30/26 15:28	02/02/26 20:54	1
Benzaldehyde	ND		10.2	0.684	ug/L		01/30/26 15:28	02/02/26 20:54	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/30/26 15:28	02/02/26 20:54	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 20:54	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 20:54	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 20:54	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 20:54	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		01/30/26 15:28	02/02/26 20:54	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		01/30/26 15:28	02/02/26 20:54	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		01/30/26 15:28	02/02/26 20:54	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 20:54	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 20:54	1
Caprolactam	ND		10.2	2.45	ug/L		01/30/26 15:28	02/02/26 20:54	1
Carbazole	ND		10.2	0.327	ug/L		01/30/26 15:28	02/02/26 20:54	1
Chrysene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 20:54	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		01/30/26 15:28	02/02/26 20:54	1
Dibenzofuran	ND		10.2	0.653	ug/L		01/30/26 15:28	02/02/26 20:54	1
Diethyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 20:54	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 20:54	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		01/30/26 15:28	02/02/26 20:54	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 20:54	1
Fluoranthene	ND		10.2	0.643	ug/L		01/30/26 15:28	02/02/26 20:54	1
Fluorene	ND		10.2	0.684	ug/L		01/30/26 15:28	02/02/26 20:54	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		01/30/26 15:28	02/02/26 20:54	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		01/30/26 15:28	02/02/26 20:54	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		01/30/26 15:28	02/02/26 20:54	1
Hexachloroethane	ND		10.2	0.541	ug/L		01/30/26 15:28	02/02/26 20:54	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 20:54	1
Isophorone	ND		10.2	0.816	ug/L		01/30/26 15:28	02/02/26 20:54	1
Naphthalene	ND		10.2	0.765	ug/L		01/30/26 15:28	02/02/26 20:54	1
Nitrobenzene	ND		10.2	0.612	ug/L		01/30/26 15:28	02/02/26 20:54	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		01/30/26 15:28	02/02/26 20:54	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		01/30/26 15:28	02/02/26 20:54	1

Client Sample ID: 821-SW-2
Date Collected: 01/28/26 11:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-2
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	2.86	ug/L		01/30/26 15:28	02/02/26 20:54	1
Phenanthrene	ND		10.2	0.755	ug/L		01/30/26 15:28	02/02/26 20:54	1
Phenol	ND		10.2	0.694	ug/L		01/30/26 15:28	02/02/26 20:54	1
Pyrene	ND		10.2	0.643	ug/L		01/30/26 15:28	02/02/26 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*01/30/26 15:28*	*02/02/26 20:54*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*01/30/26 15:28*	*02/02/26 20:54*	*1*
2-Fluorophenol (Surr)	*87*		*10 - 150*	*01/30/26 15:28*	*02/02/26 20:54*	*1*
Nitrobenzene-d5 (Surr)	*98*		*22 - 150*	*01/30/26 15:28*	*02/02/26 20:54*	*1*
Phenol-d5 (Surr)	*83*		*10 - 150*	*01/30/26 15:28*	*02/02/26 20:54*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*01/30/26 15:28*	*02/02/26 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		02/01/26 15:57	02/03/26 06:38	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:38	1
Barium	**57.6**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:38	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:38	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:38	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:38	1
Cobalt	**0.707**	**J**	5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:38	1
Copper	**7.17**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:38	1
Lead	**5.97**		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:38	1
Manganese	**131**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:38	1
Nickel	**2.92**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:38	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:38	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:38	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:38	1
Vanadium	**1.47**	**J**	5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:38	1
Zinc	**41.1**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:38	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		02/03/26 18:11	02/03/26 22:33	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 12:24	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.905**	**B**	0.100	0.0100	mg/L			01/30/26 13:44	1
Nitrate as N (SM Nitrate by calc)	**0.905**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**25.7**		5.00	1.40	mg/L			01/31/26 17:37	1

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-3
Lab Sample ID: 752-41439-3
Date Collected: 01/28/26 12:30
Matrix: Water
Date Received: 01/28/26 16:52

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			02/04/26 15:53	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 15:53	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 15:53	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 15:53	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 15:53	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 15:53	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 15:53	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 15:53	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 15:53	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 15:53	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 15:53	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 15:53	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 15:53	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 15:53	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 15:53	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 15:53	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 15:53	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 15:53	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 15:53	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 15:53	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 15:53	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 15:53	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 15:53	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 15:53	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 15:53	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 15:53	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 15:53	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 15:53	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 15:53	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 15:53	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 15:53	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 15:53	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 15:53	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 15:53	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 15:53	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 15:53	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 15:53	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 15:53	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 15:53	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 15:53	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 15:53	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 15:53	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 15:53	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 15:53	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 15:53	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 15:53	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 15:53	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 15:53	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 15:53	1

Client Sample ID: 821-SW-3
Date Collected: 01/28/26 12:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-3
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			02/04/26 15:53	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 15:53	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 15:53	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 15:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 15:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 15:53	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 15:53	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 15:53	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 15:53	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 15:53	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 15:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 15:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 15:53	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 15:53	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 15:53	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 15:53	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 15:53	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 15:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 15:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 15:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 15:53	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 15:53	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 15:53	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 15:53*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*02/04/26 15:53*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/04/26 15:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/30/26 15:28	02/02/26 21:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*95*		*40 - 150*	*01/30/26 15:28*	*02/02/26 21:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		01/30/26 15:28	02/02/26 21:25	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		01/30/26 15:28	02/02/26 21:25	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		01/30/26 15:28	02/02/26 21:25	1
2-Chlorophenol	ND		10.1	0.846	ug/L		01/30/26 15:28	02/02/26 21:25	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		01/30/26 15:28	02/02/26 21:25	1
2-Methylphenol	ND		10.1	0.765	ug/L		01/30/26 15:28	02/02/26 21:25	1

Client Sample ID: 821-SW-3
Lab Sample ID: 752-41439-3
Date Collected: 01/28/26 12:30
Matrix: Water
Date Received: 01/28/26 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		01/30/26 15:28	02/02/26 21:25	1
2-Nitrophenol	ND		10.1	1.18	ug/L		01/30/26 15:28	02/02/26 21:25	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		01/30/26 15:28	02/02/26 21:25	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		01/30/26 15:28	02/02/26 21:25	1
3-Nitroaniline	ND		10.1	0.956	ug/L		01/30/26 15:28	02/02/26 21:25	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		01/30/26 15:28	02/02/26 21:25	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		01/30/26 15:28	02/02/26 21:25	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		01/30/26 15:28	02/02/26 21:25	1
4-Chloroaniline	ND		10.1	0.584	ug/L		01/30/26 15:28	02/02/26 21:25	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 21:25	1
4-Nitroaniline	ND		10.1	3.52	ug/L		01/30/26 15:28	02/02/26 21:25	1
4-Nitrophenol	ND		10.1	2.76	ug/L		01/30/26 15:28	02/02/26 21:25	1
Acenaphthene	ND		10.1	0.634	ug/L		01/30/26 15:28	02/02/26 21:25	1
Acenaphthylene	ND		10.1	0.765	ug/L		01/30/26 15:28	02/02/26 21:25	1
Acetophenone	ND		10.1	3.22	ug/L		01/30/26 15:28	02/02/26 21:25	1
Anthracene	ND		10.1	0.916	ug/L		01/30/26 15:28	02/02/26 21:25	1
Atrazine	ND		10.1	1.14	ug/L		01/30/26 15:28	02/02/26 21:25	1
Benzaldehyde	ND		10.1	0.674	ug/L		01/30/26 15:28	02/02/26 21:25	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/30/26 15:28	02/02/26 21:25	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 21:25	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 21:25	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		01/30/26 15:28	02/02/26 21:25	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		01/30/26 15:28	02/02/26 21:25	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		01/30/26 15:28	02/02/26 21:25	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		01/30/26 15:28	02/02/26 21:25	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		01/30/26 15:28	02/02/26 21:25	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 21:25	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 21:25	1
Caprolactam	ND		10.1	2.42	ug/L		01/30/26 15:28	02/02/26 21:25	1
Carbazole	ND		10.1	0.322	ug/L		01/30/26 15:28	02/02/26 21:25	1
Chrysene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 21:25	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		01/30/26 15:28	02/02/26 21:25	1
Dibenzofuran	ND		10.1	0.644	ug/L		01/30/26 15:28	02/02/26 21:25	1
Diethyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 21:25	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 21:25	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		01/30/26 15:28	02/02/26 21:25	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 21:25	1
Fluoranthene	ND		10.1	0.634	ug/L		01/30/26 15:28	02/02/26 21:25	1
Fluorene	ND		10.1	0.674	ug/L		01/30/26 15:28	02/02/26 21:25	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		01/30/26 15:28	02/02/26 21:25	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		01/30/26 15:28	02/02/26 21:25	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		01/30/26 15:28	02/02/26 21:25	1
Hexachloroethane	ND		10.1	0.534	ug/L		01/30/26 15:28	02/02/26 21:25	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 21:25	1
Isophorone	ND		10.1	0.805	ug/L		01/30/26 15:28	02/02/26 21:25	1
Naphthalene	ND		10.1	0.755	ug/L		01/30/26 15:28	02/02/26 21:25	1
Nitrobenzene	ND		10.1	0.604	ug/L		01/30/26 15:28	02/02/26 21:25	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		01/30/26 15:28	02/02/26 21:25	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		01/30/26 15:28	02/02/26 21:25	1

Client Sample ID: 821-SW-3
Date Collected: 01/28/26 12:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.82	ug/L		01/30/26 15:28	02/02/26 21:25	1
Phenanthrene	ND		10.1	0.745	ug/L		01/30/26 15:28	02/02/26 21:25	1
Phenol	ND		10.1	0.685	ug/L		01/30/26 15:28	02/02/26 21:25	1
Pyrene	ND		10.1	0.634	ug/L		01/30/26 15:28	02/02/26 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 21:25*	*1*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*	*01/30/26 15:28*	*02/02/26 21:25*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 150*	*01/30/26 15:28*	*02/02/26 21:25*	*1*
Nitrobenzene-d5 (Surr)	*93*		*22 - 150*	*01/30/26 15:28*	*02/02/26 21:25*	*1*
Phenol-d5 (Surr)	*90*		*10 - 150*	*01/30/26 15:28*	*02/02/26 21:25*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*01/30/26 15:28*	*02/02/26 21:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 06:41	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:41	1
Barium	**53.2**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:41	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:41	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:41	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:41	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:41	1
Copper	**2.35**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:41	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:41	1
Manganese	**97.8**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:41	1
Nickel	**0.806**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:41	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:41	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:41	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:41	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:41	1
Zinc	**14.3**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:41	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		02/04/26 13:32	02/05/26 13:03	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 12:56	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.166**	**B**	0.100	0.0100	mg/L			01/30/26 13:47	1
Nitrate as N (SM Nitrate by calc)	**0.166**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**21.4**		5.00	1.40	mg/L			01/31/26 17:38	1

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-4
Lab Sample ID: 752-41439-4
Date Collected: 01/28/26 13:15
Matrix: Water
Date Received: 01/28/26 16:52

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			02/04/26 17:58	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 17:58	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 17:58	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 17:58	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 17:58	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 17:58	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 17:58	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 17:58	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 17:58	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 17:58	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 17:58	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 17:58	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 17:58	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 17:58	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 17:58	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 17:58	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 17:58	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 17:58	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 17:58	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 17:58	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 17:58	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 17:58	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 17:58	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 17:58	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 17:58	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 17:58	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 17:58	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 17:58	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 17:58	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 17:58	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 17:58	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 17:58	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 17:58	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 17:58	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 17:58	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 17:58	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 17:58	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 17:58	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 17:58	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 17:58	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 17:58	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 17:58	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 17:58	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 17:58	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 17:58	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 17:58	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 17:58	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 17:58	1

Client Sample ID: 821-SW-4
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-4
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			02/04/26 17:58	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 17:58	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 17:58	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 17:58	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 17:58	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 17:58	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 17:58	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 17:58	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 17:58	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 17:58	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 17:58	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 17:58	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 17:58	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 17:58	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 17:58	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 17:58	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 17:58	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 17:58	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 17:58	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 17:58	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 17:58	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 17:58	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 17:58*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/04/26 17:58*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/04/26 17:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.305	0.305	ug/L		01/30/26 15:28	02/02/26 21:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*87*		*40 - 150*	*01/30/26 15:28*	*02/02/26 21:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		01/30/26 15:28	02/02/26 21:55	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		01/30/26 15:28	02/02/26 21:55	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		01/30/26 15:28	02/02/26 21:55	1
2-Chlorophenol	ND		10.2	0.854	ug/L		01/30/26 15:28	02/02/26 21:55	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		01/30/26 15:28	02/02/26 21:55	1
2-Methylphenol	ND		10.2	0.773	ug/L		01/30/26 15:28	02/02/26 21:55	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-4
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-4
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		10.2	1.39	ug/L		01/30/26 15:28	02/02/26 21:55	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/30/26 15:28	02/02/26 21:55	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		01/30/26 15:28	02/02/26 21:55	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		01/30/26 15:28	02/02/26 21:55	1
3-Nitroaniline	ND		10.2	0.966	ug/L		01/30/26 15:28	02/02/26 21:55	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		01/30/26 15:28	02/02/26 21:55	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		01/30/26 15:28	02/02/26 21:55	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		01/30/26 15:28	02/02/26 21:55	1
4-Chloroaniline	ND		10.2	0.590	ug/L		01/30/26 15:28	02/02/26 21:55	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		01/30/26 15:28	02/02/26 21:55	1
4-Nitroaniline	ND		10.2	3.56	ug/L		01/30/26 15:28	02/02/26 21:55	1
4-Nitrophenol	ND		10.2	2.79	ug/L		01/30/26 15:28	02/02/26 21:55	1
Acenaphthene	ND		10.2	0.641	ug/L		01/30/26 15:28	02/02/26 21:55	1
Acenaphthylene	ND		10.2	0.773	ug/L		01/30/26 15:28	02/02/26 21:55	1
Acetophenone	ND		10.2	3.25	ug/L		01/30/26 15:28	02/02/26 21:55	1
Anthracene	ND		10.2	0.925	ug/L		01/30/26 15:28	02/02/26 21:55	1
Atrazine	ND		10.2	1.15	ug/L		01/30/26 15:28	02/02/26 21:55	1
Benzaldehyde	ND		10.2	0.681	ug/L		01/30/26 15:28	02/02/26 21:55	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/30/26 15:28	02/02/26 21:55	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 21:55	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 21:55	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 21:55	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 21:55	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		01/30/26 15:28	02/02/26 21:55	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		01/30/26 15:28	02/02/26 21:55	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		01/30/26 15:28	02/02/26 21:55	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 21:55	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 21:55	1
Caprolactam	ND		10.2	2.44	ug/L		01/30/26 15:28	02/02/26 21:55	1
Carbazole	ND		10.2	0.325	ug/L		01/30/26 15:28	02/02/26 21:55	1
Chrysene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 21:55	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		01/30/26 15:28	02/02/26 21:55	1
Dibenzofuran	ND		10.2	0.651	ug/L		01/30/26 15:28	02/02/26 21:55	1
Diethyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 21:55	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 21:55	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		01/30/26 15:28	02/02/26 21:55	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 21:55	1
Fluoranthene	ND		10.2	0.641	ug/L		01/30/26 15:28	02/02/26 21:55	1
Fluorene	ND		10.2	0.681	ug/L		01/30/26 15:28	02/02/26 21:55	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		01/30/26 15:28	02/02/26 21:55	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		01/30/26 15:28	02/02/26 21:55	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		01/30/26 15:28	02/02/26 21:55	1
Hexachloroethane	ND		10.2	0.539	ug/L		01/30/26 15:28	02/02/26 21:55	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 21:55	1
Isophorone	ND		10.2	0.814	ug/L		01/30/26 15:28	02/02/26 21:55	1
Naphthalene	ND		10.2	0.763	ug/L		01/30/26 15:28	02/02/26 21:55	1
Nitrobenzene	ND		10.2	0.610	ug/L		01/30/26 15:28	02/02/26 21:55	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		01/30/26 15:28	02/02/26 21:55	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		01/30/26 15:28	02/02/26 21:55	1

Client Sample ID: 821-SW-4
Lab Sample ID: 752-41439-4
Date Collected: 01/28/26 13:15
Matrix: Water
Date Received: 01/28/26 16:52

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		01/30/26 15:28	02/02/26 21:55	1
Phenanthrene	ND		10.2	0.753	ug/L		01/30/26 15:28	02/02/26 21:55	1
Phenol	ND		10.2	0.692	ug/L		01/30/26 15:28	02/02/26 21:55	1
Pyrene	ND		10.2	0.641	ug/L		01/30/26 15:28	02/02/26 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*01/30/26 15:28*	*02/02/26 21:55*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*01/30/26 15:28*	*02/02/26 21:55*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 150*	*01/30/26 15:28*	*02/02/26 21:55*	*1*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*	*01/30/26 15:28*	*02/02/26 21:55*	*1*
Phenol-d5 (Surr)	*82*		*10 - 150*	*01/30/26 15:28*	*02/02/26 21:55*	*1*
Terphenyl-d14 (Surr)	*59*		*28 - 150*	*01/30/26 15:28*	*02/02/26 21:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 06:44	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:44	1
Barium	**55.0**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:44	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:44	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:44	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:44	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:44	1
Copper	**2.55**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:44	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:44	1
Manganese	**123**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:44	1
Nickel	**1.04**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:44	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:44	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:44	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:44	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:44	1
Zinc	**14.2**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.171**	**J B**	0.200	0.166	ug/L		02/03/26 18:11	02/03/26 22:40	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 13:01	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:11	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.133**	**B**	0.100	0.0100	mg/L			01/30/26 13:49	1
Nitrate as N (SM Nitrate by calc)	**0.133**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**33.8**		5.00	1.40	mg/L			01/31/26 17:39	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-5
Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 18:23	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 18:23	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 18:23	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 18:23	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 18:23	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 18:23	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 18:23	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 18:23	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 18:23	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 18:23	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 18:23	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 18:23	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 18:23	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 18:23	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 18:23	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 18:23	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 18:23	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 18:23	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 18:23	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 18:23	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 18:23	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 18:23	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 18:23	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 18:23	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 18:23	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 18:23	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 18:23	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 18:23	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 18:23	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 18:23	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 18:23	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 18:23	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 18:23	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 18:23	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 18:23	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 18:23	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 18:23	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 18:23	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 18:23	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 18:23	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 18:23	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 18:23	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 18:23	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 18:23	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 18:23	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 18:23	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 18:23	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 18:23	1

Client Sample ID: 821-SW-5
Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-5
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			02/04/26 18:23	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 18:23	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 18:23	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 18:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 18:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 18:23	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 18:23	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 18:23	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 18:23	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 18:23	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 18:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 18:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 18:23	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 18:23	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 18:23	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 18:23	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 18:23	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 18:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 18:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 18:23	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 18:23	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 18:23	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 18:23*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/04/26 18:23*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/04/26 18:23*	*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		01/30/26 15:28	02/02/26 22:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*93*		*40 - 150*	*01/30/26 15:28*	*02/02/26 22:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		01/30/26 15:28	02/02/26 22:25	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		01/30/26 15:28	02/02/26 22:25	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		01/30/26 15:28	02/02/26 22:25	1
2-Chlorophenol	ND		10.1	0.848	ug/L		01/30/26 15:28	02/02/26 22:25	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		01/30/26 15:28	02/02/26 22:25	1
2-Methylphenol	ND		10.1	0.768	ug/L		01/30/26 15:28	02/02/26 22:25	1

Client Sample ID: 821-SW-5
Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		01/30/26 15:28	02/02/26 22:25	1
2-Nitrophenol	ND		10.1	1.18	ug/L		01/30/26 15:28	02/02/26 22:25	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		01/30/26 15:28	02/02/26 22:25	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		01/30/26 15:28	02/02/26 22:25	1
3-Nitroaniline	ND		10.1	0.960	ug/L		01/30/26 15:28	02/02/26 22:25	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		01/30/26 15:28	02/02/26 22:25	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		01/30/26 15:28	02/02/26 22:25	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		01/30/26 15:28	02/02/26 22:25	1
4-Chloroaniline	ND		10.1	0.586	ug/L		01/30/26 15:28	02/02/26 22:25	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 22:25	1
4-Nitroaniline	ND		10.1	3.54	ug/L		01/30/26 15:28	02/02/26 22:25	1
4-Nitrophenol	ND		10.1	2.77	ug/L		01/30/26 15:28	02/02/26 22:25	1
Acenaphthene	ND		10.1	0.636	ug/L		01/30/26 15:28	02/02/26 22:25	1
Acenaphthylene	ND		10.1	0.768	ug/L		01/30/26 15:28	02/02/26 22:25	1
Acetophenone	ND		10.1	3.23	ug/L		01/30/26 15:28	02/02/26 22:25	1
Anthracene	ND		10.1	0.919	ug/L		01/30/26 15:28	02/02/26 22:25	1
Atrazine	ND		10.1	1.14	ug/L		01/30/26 15:28	02/02/26 22:25	1
Benzaldehyde	ND		10.1	0.677	ug/L		01/30/26 15:28	02/02/26 22:25	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/30/26 15:28	02/02/26 22:25	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 22:25	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 22:25	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		01/30/26 15:28	02/02/26 22:25	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		01/30/26 15:28	02/02/26 22:25	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		01/30/26 15:28	02/02/26 22:25	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		01/30/26 15:28	02/02/26 22:25	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		01/30/26 15:28	02/02/26 22:25	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 22:25	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 22:25	1
Caprolactam	ND		10.1	2.42	ug/L		01/30/26 15:28	02/02/26 22:25	1
Carbazole	ND		10.1	0.323	ug/L		01/30/26 15:28	02/02/26 22:25	1
Chrysene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 22:25	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		01/30/26 15:28	02/02/26 22:25	1
Dibenzofuran	ND		10.1	0.646	ug/L		01/30/26 15:28	02/02/26 22:25	1
Diethyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 22:25	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 22:25	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		01/30/26 15:28	02/02/26 22:25	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		01/30/26 15:28	02/02/26 22:25	1
Fluoranthene	ND		10.1	0.636	ug/L		01/30/26 15:28	02/02/26 22:25	1
Fluorene	ND		10.1	0.677	ug/L		01/30/26 15:28	02/02/26 22:25	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		01/30/26 15:28	02/02/26 22:25	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		01/30/26 15:28	02/02/26 22:25	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		01/30/26 15:28	02/02/26 22:25	1
Hexachloroethane	ND		10.1	0.535	ug/L		01/30/26 15:28	02/02/26 22:25	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 22:25	1
Isophorone	ND		10.1	0.808	ug/L		01/30/26 15:28	02/02/26 22:25	1
Naphthalene	ND		10.1	0.758	ug/L		01/30/26 15:28	02/02/26 22:25	1
Nitrobenzene	ND		10.1	0.606	ug/L		01/30/26 15:28	02/02/26 22:25	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		01/30/26 15:28	02/02/26 22:25	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		01/30/26 15:28	02/02/26 22:25	1

Client Sample ID: 821-SW-5
Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.83	ug/L		01/30/26 15:28	02/02/26 22:25	1
Phenanthrene	ND		10.1	0.747	ug/L		01/30/26 15:28	02/02/26 22:25	1
Phenol	ND		10.1	0.687	ug/L		01/30/26 15:28	02/02/26 22:25	1
Pyrene	ND		10.1	0.636	ug/L		01/30/26 15:28	02/02/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 22:25*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*01/30/26 15:28*	*02/02/26 22:25*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*01/30/26 15:28*	*02/02/26 22:25*	*1*
Nitrobenzene-d5 (Surr)	*92*		*22 - 150*	*01/30/26 15:28*	*02/02/26 22:25*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 22:25*	*1*
Terphenyl-d14 (Surr)	*64*		*28 - 150*	*01/30/26 15:28*	*02/02/26 22:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 07:29	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 07:29	1
Barium	**46.6**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 07:29	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 07:29	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 07:29	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 07:29	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 07:29	1
Copper	**2.18**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 07:29	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 07:29	1
Manganese	**50.8**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 07:29	1
Nickel	**0.682**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 07:29	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 07:29	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 07:29	1
Thallium	**0.766**	**J B**	1.00	0.190	ug/L		02/01/26 15:57	02/03/26 07:29	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 07:29	1
Zinc	**13.9**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 07:29	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		02/04/26 13:32	02/05/26 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:03	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:12	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.141**	**B**	0.100	0.0100	mg/L			01/30/26 13:51	1
Nitrate as N (SM Nitrate by calc)	**0.141**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**23.9**		5.00	1.40	mg/L			01/31/26 17:39	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-6
Date Collected: 01/28/26 14:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 18:48	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 18:48	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 18:48	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 18:48	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 18:48	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 18:48	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 18:48	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 18:48	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 18:48	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 18:48	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 18:48	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 18:48	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 18:48	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 18:48	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 18:48	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 18:48	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 18:48	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 18:48	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 18:48	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 18:48	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 18:48	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 18:48	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 18:48	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 18:48	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 18:48	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 18:48	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 18:48	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 18:48	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 18:48	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 18:48	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 18:48	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 18:48	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 18:48	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 18:48	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 18:48	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 18:48	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 18:48	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 18:48	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 18:48	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 18:48	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 18:48	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 18:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 18:48	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 18:48	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 18:48	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 18:48	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 18:48	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 18:48	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 18:48	1

Client Sample ID: 821-SW-6
Date Collected: 01/28/26 14:45
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Lab Sample ID: 752-41439-6
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			02/05/26 18:48	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 18:48	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 18:48	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 18:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 18:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 18:48	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 18:48	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 18:48	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 18:48	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 18:48	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 18:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 18:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 18:48	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 18:48	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 18:48	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 18:48	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 18:48	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 18:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 18:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 18:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 18:48	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 18:48	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 18:48	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/05/26 18:48*	*1*
Dibromofluoromethane	*114*		*77 - 121*		*02/05/26 18:48*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/05/26 18:48*	*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		01/30/26 15:28	02/02/26 22:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*95*		*40 - 150*	*01/30/26 15:28*	*02/02/26 22:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/30/26 15:28	02/02/26 22:55	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/30/26 15:28	02/02/26 22:55	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/30/26 15:28	02/02/26 22:55	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/30/26 15:28	02/02/26 22:55	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/30/26 15:28	02/02/26 22:55	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/30/26 15:28	02/02/26 22:55	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-6
Date Collected: 01/28/26 14:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/30/26 15:28	02/02/26 22:55	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/30/26 15:28	02/02/26 22:55	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/30/26 15:28	02/02/26 22:55	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/30/26 15:28	02/02/26 22:55	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/30/26 15:28	02/02/26 22:55	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/30/26 15:28	02/02/26 22:55	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/30/26 15:28	02/02/26 22:55	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/30/26 15:28	02/02/26 22:55	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/30/26 15:28	02/02/26 22:55	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/30/26 15:28	02/02/26 22:55	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/30/26 15:28	02/02/26 22:55	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/30/26 15:28	02/02/26 22:55	1
Acenaphthene	ND		10.0	0.630	ug/L		01/30/26 15:28	02/02/26 22:55	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/30/26 15:28	02/02/26 22:55	1
Acetophenone	ND		10.0	3.20	ug/L		01/30/26 15:28	02/02/26 22:55	1
Anthracene	ND		10.0	0.910	ug/L		01/30/26 15:28	02/02/26 22:55	1
Atrazine	ND		10.0	1.13	ug/L		01/30/26 15:28	02/02/26 22:55	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/30/26 15:28	02/02/26 22:55	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/30/26 15:28	02/02/26 22:55	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 22:55	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 22:55	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/30/26 15:28	02/02/26 22:55	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/30/26 15:28	02/02/26 22:55	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/30/26 15:28	02/02/26 22:55	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/30/26 15:28	02/02/26 22:55	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/30/26 15:28	02/02/26 22:55	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 22:55	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 22:55	1
Caprolactam	ND		10.0	2.40	ug/L		01/30/26 15:28	02/02/26 22:55	1
Carbazole	ND		10.0	0.320	ug/L		01/30/26 15:28	02/02/26 22:55	1
Chrysene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 22:55	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/30/26 15:28	02/02/26 22:55	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/30/26 15:28	02/02/26 22:55	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 22:55	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 22:55	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/30/26 15:28	02/02/26 22:55	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 22:55	1
Fluoranthene	ND		10.0	0.630	ug/L		01/30/26 15:28	02/02/26 22:55	1
Fluorene	ND		10.0	0.670	ug/L		01/30/26 15:28	02/02/26 22:55	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/30/26 15:28	02/02/26 22:55	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/30/26 15:28	02/02/26 22:55	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/30/26 15:28	02/02/26 22:55	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/30/26 15:28	02/02/26 22:55	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 22:55	1
Isophorone	ND		10.0	0.800	ug/L		01/30/26 15:28	02/02/26 22:55	1
Naphthalene	ND		10.0	0.750	ug/L		01/30/26 15:28	02/02/26 22:55	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/30/26 15:28	02/02/26 22:55	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/30/26 15:28	02/02/26 22:55	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/30/26 15:28	02/02/26 22:55	1

Client Sample ID: 821-SW-6
Date Collected: 01/28/26 14:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		01/30/26 15:28	02/02/26 22:55	1
Phenanthrene	ND		10.0	0.740	ug/L		01/30/26 15:28	02/02/26 22:55	1
Phenol	ND		10.0	0.680	ug/L		01/30/26 15:28	02/02/26 22:55	1
Pyrene	ND		10.0	0.630	ug/L		01/30/26 15:28	02/02/26 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 150*	*01/30/26 15:28*	*02/02/26 22:55*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*01/30/26 15:28*	*02/02/26 22:55*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*01/30/26 15:28*	*02/02/26 22:55*	*1*
Nitrobenzene-d5 (Surr)	*90*		*22 - 150*	*01/30/26 15:28*	*02/02/26 22:55*	*1*
Phenol-d5 (Surr)	*85*		*10 - 150*	*01/30/26 15:28*	*02/02/26 22:55*	*1*
Terphenyl-d14 (Surr)	*55*		*28 - 150*	*01/30/26 15:28*	*02/02/26 22:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 07:31	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 07:31	1
Barium	**49.1**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 07:31	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 07:31	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 07:31	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 07:31	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 07:31	1
Copper	**3.02**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 07:31	1
Lead	**1.00**		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 07:31	1
Manganese	**47.4**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 07:31	1
Nickel	**0.638**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 07:31	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 07:31	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 07:31	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 07:31	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 07:31	1
Zinc	**15.6**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 07:31	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		02/04/26 13:32	02/05/26 13:10	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 13:05	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:13	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.155**	**B**	0.100	0.0100	mg/L			01/30/26 13:53	1
Nitrate as N (SM Nitrate by calc)	**0.155**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**19.9**		5.00	1.40	mg/L			01/31/26 17:40	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 19:38	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 19:38	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 19:38	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 19:38	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 19:38	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 19:38	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 19:38	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 19:38	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 19:38	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 19:38	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 19:38	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 19:38	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 19:38	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 19:38	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 19:38	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 19:38	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 19:38	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 19:38	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 19:38	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 19:38	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 19:38	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 19:38	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 19:38	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 19:38	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 19:38	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 19:38	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 19:38	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 19:38	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 19:38	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 19:38	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 19:38	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 19:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 19:38	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 19:38	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 19:38	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 19:38	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 19:38	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 19:38	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 19:38	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 19:38	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 19:38	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 19:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 19:38	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 19:38	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 19:38	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 19:38	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 19:38	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 19:38	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 19:38	1

Client Sample ID: 821-SW-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-7
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			02/05/26 19:38	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 19:38	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 19:38	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 19:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 19:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 19:38	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 19:38	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 19:38	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 19:38	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 19:38	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 19:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 19:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 19:38	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 19:38	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 19:38	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 19:38	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 19:38	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 19:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 19:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 19:38	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 19:38	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 19:38	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/05/26 19:38*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 19:38*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 19:38*	*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		0.302	0.302	ug/L		01/30/26 15:28	02/02/26 23:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*97*		*40 - 150*	*01/30/26 15:28*	*02/02/26 23:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		01/30/26 15:28	02/02/26 23:25	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		01/30/26 15:28	02/02/26 23:25	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		01/30/26 15:28	02/02/26 23:25	1
2-Chlorophenol	ND		10.1	0.846	ug/L		01/30/26 15:28	02/02/26 23:25	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		01/30/26 15:28	02/02/26 23:25	1
2-Methylphenol	ND		10.1	0.765	ug/L		01/30/26 15:28	02/02/26 23:25	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		01/30/26 15:28	02/02/26 23:25	1
2-Nitrophenol	ND		10.1	1.18	ug/L		01/30/26 15:28	02/02/26 23:25	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		01/30/26 15:28	02/02/26 23:25	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		01/30/26 15:28	02/02/26 23:25	1
3-Nitroaniline	ND		10.1	0.956	ug/L		01/30/26 15:28	02/02/26 23:25	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		01/30/26 15:28	02/02/26 23:25	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		01/30/26 15:28	02/02/26 23:25	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		01/30/26 15:28	02/02/26 23:25	1
4-Chloroaniline	ND		10.1	0.584	ug/L		01/30/26 15:28	02/02/26 23:25	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		01/30/26 15:28	02/02/26 23:25	1
4-Nitroaniline	ND		10.1	3.52	ug/L		01/30/26 15:28	02/02/26 23:25	1
4-Nitrophenol	ND		10.1	2.76	ug/L		01/30/26 15:28	02/02/26 23:25	1
Acenaphthene	ND		10.1	0.634	ug/L		01/30/26 15:28	02/02/26 23:25	1
Acenaphthylene	ND		10.1	0.765	ug/L		01/30/26 15:28	02/02/26 23:25	1
Acetophenone	ND		10.1	3.22	ug/L		01/30/26 15:28	02/02/26 23:25	1
Anthracene	ND		10.1	0.916	ug/L		01/30/26 15:28	02/02/26 23:25	1
Atrazine	ND		10.1	1.14	ug/L		01/30/26 15:28	02/02/26 23:25	1
Benzaldehyde	ND		10.1	0.674	ug/L		01/30/26 15:28	02/02/26 23:25	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/30/26 15:28	02/02/26 23:25	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 23:25	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 23:25	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		01/30/26 15:28	02/02/26 23:25	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		01/30/26 15:28	02/02/26 23:25	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		01/30/26 15:28	02/02/26 23:25	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		01/30/26 15:28	02/02/26 23:25	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		01/30/26 15:28	02/02/26 23:25	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 23:25	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 23:25	1
Caprolactam	ND		10.1	2.42	ug/L		01/30/26 15:28	02/02/26 23:25	1
Carbazole	ND		10.1	0.322	ug/L		01/30/26 15:28	02/02/26 23:25	1
Chrysene	ND		10.1	1.21	ug/L		01/30/26 15:28	02/02/26 23:25	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		01/30/26 15:28	02/02/26 23:25	1
Dibenzofuran	ND		10.1	0.644	ug/L		01/30/26 15:28	02/02/26 23:25	1
Diethyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 23:25	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 23:25	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		01/30/26 15:28	02/02/26 23:25	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		01/30/26 15:28	02/02/26 23:25	1
Fluoranthene	ND		10.1	0.634	ug/L		01/30/26 15:28	02/02/26 23:25	1
Fluorene	ND		10.1	0.674	ug/L		01/30/26 15:28	02/02/26 23:25	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		01/30/26 15:28	02/02/26 23:25	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		01/30/26 15:28	02/02/26 23:25	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		01/30/26 15:28	02/02/26 23:25	1
Hexachloroethane	ND		10.1	0.534	ug/L		01/30/26 15:28	02/02/26 23:25	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 23:25	1
Isophorone	ND		10.1	0.805	ug/L		01/30/26 15:28	02/02/26 23:25	1
Naphthalene	ND		10.1	0.755	ug/L		01/30/26 15:28	02/02/26 23:25	1
Nitrobenzene	ND		10.1	0.604	ug/L		01/30/26 15:28	02/02/26 23:25	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		01/30/26 15:28	02/02/26 23:25	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		01/30/26 15:28	02/02/26 23:25	1

Client Sample ID: 821-SW-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.82	ug/L		01/30/26 15:28	02/02/26 23:25	1
Phenanthrene	ND		10.1	0.745	ug/L		01/30/26 15:28	02/02/26 23:25	1
Phenol	ND		10.1	0.685	ug/L		01/30/26 15:28	02/02/26 23:25	1
Pyrene	ND		10.1	0.634	ug/L		01/30/26 15:28	02/02/26 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 23:25*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*01/30/26 15:28*	*02/02/26 23:25*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 150*	*01/30/26 15:28*	*02/02/26 23:25*	*1*
Nitrobenzene-d5 (Surr)	*106*		*22 - 150*	*01/30/26 15:28*	*02/02/26 23:25*	*1*
Phenol-d5 (Surr)	*82*		*10 - 150*	*01/30/26 15:28*	*02/02/26 23:25*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*01/30/26 15:28*	*02/02/26 23:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 07:34	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 07:34	1
Barium	**50.6**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 07:34	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 07:34	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 07:34	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 07:34	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 07:34	1
Copper	**2.96**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 07:34	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 07:34	1
Manganese	**39.0**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 07:34	1
Nickel	**1.38**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 07:34	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 07:34	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 07:34	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 07:34	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 07:34	1
Zinc	**14.4**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 07:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 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 13:07	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:14	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.121**	**B**	0.100	0.0100	mg/L			01/30/26 13:55	1
Nitrate as N (SM Nitrate by calc)	**0.121**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**18.5**		5.00	1.40	mg/L			01/31/26 17:40	1

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-Dup
Lab Sample ID: 752-41439-8
Date Collected: 01/28/26 13:15
Matrix: Water
Date Received: 01/28/26 16:52

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			02/05/26 20:04	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 20:04	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 20:04	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 20:04	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 20:04	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 20:04	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 20:04	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 20:04	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 20:04	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 20:04	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 20:04	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 20:04	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 20:04	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 20:04	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 20:04	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 20:04	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 20:04	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 20:04	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 20:04	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 20:04	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 20:04	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 20:04	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 20:04	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 20:04	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 20:04	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 20:04	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 20:04	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 20:04	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 20:04	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 20:04	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 20:04	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 20:04	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 20:04	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 20:04	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 20:04	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 20:04	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 20:04	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 20:04	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 20:04	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 20:04	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 20:04	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 20:04	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 20:04	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 20:04	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 20:04	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 20:04	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 20:04	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 20:04	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 20:04	1

Client Sample ID: 821-SW-Dup
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-8
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			02/05/26 20:04	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 20:04	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 20:04	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 20:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 20:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 20:04	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 20:04	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 20:04	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 20:04	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 20:04	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 20:04	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 20:04	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 20:04	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 20:04	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 20:04	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 20:04	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 20:04	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 20:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 20:04	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 20:04	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 20:04	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 20:04	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 20:04	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/05/26 20:04*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 20:04*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*02/05/26 20:04*	*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		01/30/26 15:28	02/02/26 23:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*87*		*40 - 150*	*01/30/26 15:28*	*02/02/26 23:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/30/26 15:28	02/02/26 23:55	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/30/26 15:28	02/02/26 23:55	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/30/26 15:28	02/02/26 23:55	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/30/26 15:28	02/02/26 23:55	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/30/26 15:28	02/02/26 23:55	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/30/26 15:28	02/02/26 23:55	1

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

Job ID: 752-41439-1

Client Sample ID: 821-SW-Dup
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/30/26 15:28	02/02/26 23:55	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/30/26 15:28	02/02/26 23:55	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/30/26 15:28	02/02/26 23:55	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/30/26 15:28	02/02/26 23:55	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/30/26 15:28	02/02/26 23:55	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/30/26 15:28	02/02/26 23:55	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/30/26 15:28	02/02/26 23:55	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/30/26 15:28	02/02/26 23:55	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/30/26 15:28	02/02/26 23:55	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/30/26 15:28	02/02/26 23:55	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/30/26 15:28	02/02/26 23:55	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/30/26 15:28	02/02/26 23:55	1
Acenaphthene	ND		10.0	0.630	ug/L		01/30/26 15:28	02/02/26 23:55	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/30/26 15:28	02/02/26 23:55	1
Acetophenone	ND		10.0	3.20	ug/L		01/30/26 15:28	02/02/26 23:55	1
Anthracene	ND		10.0	0.910	ug/L		01/30/26 15:28	02/02/26 23:55	1
Atrazine	ND		10.0	1.13	ug/L		01/30/26 15:28	02/02/26 23:55	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/30/26 15:28	02/02/26 23:55	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/30/26 15:28	02/02/26 23:55	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 23:55	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 23:55	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/30/26 15:28	02/02/26 23:55	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/30/26 15:28	02/02/26 23:55	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/30/26 15:28	02/02/26 23:55	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/30/26 15:28	02/02/26 23:55	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/30/26 15:28	02/02/26 23:55	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 23:55	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 23:55	1
Caprolactam	ND		10.0	2.40	ug/L		01/30/26 15:28	02/02/26 23:55	1
Carbazole	ND		10.0	0.320	ug/L		01/30/26 15:28	02/02/26 23:55	1
Chrysene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 23:55	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/30/26 15:28	02/02/26 23:55	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/30/26 15:28	02/02/26 23:55	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 23:55	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 23:55	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/30/26 15:28	02/02/26 23:55	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:28	02/02/26 23:55	1
Fluoranthene	ND		10.0	0.630	ug/L		01/30/26 15:28	02/02/26 23:55	1
Fluorene	ND		10.0	0.670	ug/L		01/30/26 15:28	02/02/26 23:55	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/30/26 15:28	02/02/26 23:55	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/30/26 15:28	02/02/26 23:55	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/30/26 15:28	02/02/26 23:55	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/30/26 15:28	02/02/26 23:55	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 23:55	1
Isophorone	ND		10.0	0.800	ug/L		01/30/26 15:28	02/02/26 23:55	1
Naphthalene	ND		10.0	0.750	ug/L		01/30/26 15:28	02/02/26 23:55	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/30/26 15:28	02/02/26 23:55	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/30/26 15:28	02/02/26 23:55	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/30/26 15:28	02/02/26 23:55	1

Client Sample ID: 821-SW-Dup
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		01/30/26 15:28	02/02/26 23:55	1
Phenanthrene	ND		10.0	0.740	ug/L		01/30/26 15:28	02/02/26 23:55	1
Phenol	ND		10.0	0.680	ug/L		01/30/26 15:28	02/02/26 23:55	1
Pyrene	ND		10.0	0.630	ug/L		01/30/26 15:28	02/02/26 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 23:55*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*01/30/26 15:28*	*02/02/26 23:55*	*1*
2-Fluorophenol (Surr)	*75*		*10 - 150*	*01/30/26 15:28*	*02/02/26 23:55*	*1*
Nitrobenzene-d5 (Surr)	*96*		*22 - 150*	*01/30/26 15:28*	*02/02/26 23:55*	*1*
Phenol-d5 (Surr)	*70*		*10 - 150*	*01/30/26 15:28*	*02/02/26 23:55*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*01/30/26 15:28*	*02/02/26 23:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 07:37	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 07:37	1
Barium	**56.1**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 07:37	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 07:37	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 07:37	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 07:37	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 07:37	1
Copper	**2.25**		2.00	0.642	ug/L		02/01/26 15:57	02/07/26 16:08	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 07:37	1
Manganese	**118**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 07:37	1
Nickel	**1.02**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 07:37	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 07:37	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 07:37	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 07:37	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 07:37	1
Zinc	**14.5**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 07:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 18:11	02/03/26 23:04	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 13:08	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:17	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.65**	**B**	0.100	0.0100	mg/L			01/30/26 14:01	1
Nitrate as N (SM Nitrate by calc)	**1.65**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**38.5**		5.00	1.40	mg/L			01/31/26 17:41	1

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-41439-9
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

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			02/05/26 18:23	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 18:23	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 18:23	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 18:23	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 18:23	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 18:23	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 18:23	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 18:23	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 18:23	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 18:23	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 18:23	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 18:23	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 18:23	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 18:23	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 18:23	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 18:23	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 18:23	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 18:23	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 18:23	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 18:23	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 18:23	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 18:23	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 18:23	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 18:23	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 18:23	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 18:23	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 18:23	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 18:23	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 18:23	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 18:23	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 18:23	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 18:23	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 18:23	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 18:23	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 18:23	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 18:23	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 18:23	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 18:23	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 18:23	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 18:23	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 18:23	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 18:23	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 18:23	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 18:23	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 18:23	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 18:23	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 18:23	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 18:23	1

Client Sample ID: Trip Blank
Date Collected: 01/28/26 11:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41439-9
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			02/05/26 18:23	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 18:23	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 18:23	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 18:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 18:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 18:23	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 18:23	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 18:23	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 18:23	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 18:23	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 18:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 18:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 18:23	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 18:23	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 18:23	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 18:23	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 18:23	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 18:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 18:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 18:23	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 18:23	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 18:23	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/05/26 18:23*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 18:23*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 18:23*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
752-41439-1	821-SW-1	88	113	102
752-41439-2	821-SW-2	91	111	100
752-41439-2 MS	821-SW-2	96	100	99
752-41439-3	821-SW-3	91	108	99
752-41439-3 DU	821-SW-3	91	109	100
752-41439-4	821-SW-4	91	110	99
752-41439-5	821-SW-5	91	111	100
752-41439-6	821-SW-6	90	114	101
752-41439-7	821-SW-7	90	113	102
752-41439-8	821-SW-Dup	90	113	103
752-41439-9	Trip Blank	89	113	102
LCS 705-111920/1002	Lab Control Sample	89	101	95
LCS 705-111920/1003	Lab Control Sample	103	99	100
LCS 705-112210/1001	Lab Control Sample	85	104	95
LCS 705-112210/1002	Lab Control Sample	102	102	98
MB 705-111920/5	Method Blank	91	109	99
MB 705-112210/4	Method Blank	91	113	102

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-41439-1	821-SW-1	85	82	88	99	84	51
752-41439-2	821-SW-2	79	77	87	98	83	46
752-41439-3	821-SW-3	84	80	93	93	90	53
752-41439-4	821-SW-4	83	83	85	84	82	59
752-41439-5	821-SW-5	84	82	89	92	84	64
752-41439-6	821-SW-6	86	83	89	90	85	55
752-41439-7	821-SW-7	84	79	86	106	82	54
752-41439-8	821-SW-Dup	84	83	75	96	70	57
LCS 400-737920/2-A	Lab Control Sample	104	81	80	90	80	76
LCSD 400-737920/3-A	Lab Control Sample Dup	91	78	74	86	71	64
MB 400-737920/1-A	Method Blank	99	90	98	94	98	83

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: 752-41439-1
Project/Site: East Durham Park

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)								
752-41439-1	821-SW-1	92								
752-41439-2	821-SW-2	93								
752-41439-3	821-SW-3	95								
752-41439-4	821-SW-4	87								
752-41439-5	821-SW-5	93								
752-41439-6	821-SW-6	95								
752-41439-7	821-SW-7	97								
752-41439-8	821-SW-Dup	87								
MB 400-737920/1-A	Method Blank	113								

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 400-737920/2-A	Lab Control Sample	87								
LCSD 400-737920/3-A	Lab Control Sample Dup	85								

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-111920/5
Matrix: Water
Analysis Batch: 111920

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			02/04/26 13:23	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 13:23	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 13:23	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 13:23	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 13:23	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 13:23	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 13:23	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 13:23	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 13:23	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 13:23	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 13:23	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 13:23	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 13:23	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 13:23	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 13:23	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 13:23	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 13:23	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 13:23	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 13:23	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 13:23	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 13:23	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 13:23	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 13:23	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 13:23	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 13:23	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 13:23	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 13:23	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 13:23	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 13:23	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 13:23	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 13:23	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 13:23	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 13:23	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 13:23	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 13:23	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 13:23	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 13:23	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 13:23	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 13:23	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 13:23	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 13:23	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 13:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 13:23	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 13:23	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 13:23	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 13:23	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 13:23	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 13:23	1

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

Lab Sample ID: MB 705-111920/5
Matrix: Water
Analysis Batch: 111920

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			02/04/26 13:23	1
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 13:23	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 13:23	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 13:23	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 13:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 13:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 13:23	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 13:23	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 13:23	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 13:23	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 13:23	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 13:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 13:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 13:23	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 13:23	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 13:23	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 13:23	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 13:23	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 13:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 13:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 13:23	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 13:23	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 13:23	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 13:23*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/04/26 13:23*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/04/26 13:23*	*1*

Lab Sample ID: LCS 705-111920/1002
Matrix: Water
Analysis Batch: 111920

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	36.57		ug/L		91	25 - 150		
Isopropyl ether			20.0	18.29		ug/L		91	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

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

Lab Sample ID: LCS 705-111920/1003
Matrix: Water
Analysis Batch: 111920

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	40.90		ug/L		102	62 - 136
Benzene	20.0	20.73		ug/L		104	76 - 122
Bromobenzene	20.0	20.59		ug/L		103	77 - 125
Bromoform	20.0	20.91		ug/L		105	65 - 129
Bromomethane	20.0	24.07		ug/L		120	60 - 138
2-Butanone (MEK)	40.0	43.48		ug/L		109	74 - 131
Carbon disulfide	20.0	20.05		ug/L		100	71 - 122
Carbon tetrachloride	20.0	20.52		ug/L		103	72 - 131
Chlorobenzene	20.0	20.62		ug/L		103	75 - 121
Chlorobromomethane	20.0	20.41		ug/L		102	77 - 120
Chlorodibromomethane	20.0	20.80		ug/L		104	70 - 131
Chloroethane	20.0	19.20		ug/L		96	55 - 138
Chloroform	20.0	20.19		ug/L		101	73 - 121
Chloromethane	20.0	20.47		ug/L		102	57 - 129
2-Chlorotoluene	20.0	21.45		ug/L		107	75 - 123
4-Chlorotoluene	20.0	22.01		ug/L		110	76 - 124
cis-1,2-Dichloroethene	20.0	20.35		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	20.54		ug/L		103	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	22.03		ug/L		110	64 - 125
Dibromomethane	20.0	20.62		ug/L		103	70 - 130
1,2-Dichlorobenzene	20.0	21.72		ug/L		109	69 - 127
1,3-Dichlorobenzene	20.0	21.45		ug/L		107	68 - 128
1,4-Dichlorobenzene	20.0	20.83		ug/L		104	68 - 126
Dichlorobromomethane	20.0	20.50		ug/L		103	70 - 124
1,1-Dichloroethane	20.0	20.39		ug/L		102	65 - 126
1,2-Dichloroethane	20.0	20.84		ug/L		104	72 - 127
1,1-Dichloroethene	20.0	19.42		ug/L		97	69 - 130
1,2-Dichloropropane	20.0	20.69		ug/L		103	71 - 121
1,3-Dichloropropane	20.0	21.06		ug/L		105	76 - 125
2,2-Dichloropropane	20.0	21.56		ug/L		108	71 - 131
1,1-Dichloropropene	20.0	20.37		ug/L		102	74 - 129
Ethylbenzene	20.0	20.95		ug/L		105	75 - 127
Ethylene Dibromide	20.0	21.10		ug/L		106	68 - 133
Hexachlorobutadiene	20.0	22.49		ug/L		112	65 - 137
Hexane	20.0	20.85		ug/L		104	25 - 150
2-Hexanone	40.0	44.83		ug/L		112	70 - 130
Iodomethane	20.0	19.22		ug/L		96	50 - 150
Isopropylbenzene	20.0	21.13		ug/L		106	76 - 125
4-Isopropyltoluene	20.0	24.71		ug/L		124	78 - 126
Methylene Chloride	20.0	19.69		ug/L		98	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	43.89		ug/L		110	76 - 122
Methyl tert-butyl ether	20.0	21.08		ug/L		105	76 - 123
m-Xylene & p-Xylene	20.0	21.42		ug/L		107	76 - 128
Naphthalene	20.0	23.12	E	ug/L		116	67 - 129
n-Butylbenzene	20.0	21.11		ug/L		106	71 - 131
n-Heptane	20.0	22.00		ug/L		110	25 - 150
N-Propylbenzene	20.0	21.18		ug/L		106	75 - 127
o-Xylene	20.0	21.23		ug/L		106	78 - 124

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

Lab Sample ID: LCS 705-111920/1003
Matrix: Water
Analysis Batch: 111920

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	21.63		ug/L		108	74 - 127
Styrene	20.0	22.07		ug/L		110	71 - 129
tert-Butylbenzene	20.0	21.04		ug/L		105	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.81		ug/L		104	76 - 130
1,1,2,2-Tetrachloroethane	20.0	20.71		ug/L		104	73 - 127
Tetrachloroethene	20.0	20.94		ug/L		105	74 - 129
Toluene	20.0	20.17		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.33		ug/L		97	50 - 150
trans-1,2-Dichloroethene	20.0	19.75		ug/L		99	74 - 124
trans-1,3-Dichloropropene	20.0	19.96		ug/L		100	59 - 135
1,2,3-Trichlorobenzene	20.0	21.47		ug/L		107	65 - 130
1,2,4-Trichlorobenzene	20.0	20.18		ug/L		101	65 - 131
1,1,1-Trichloroethane	20.0	20.55		ug/L		103	71 - 124
1,1,2-Trichloroethane	20.0	20.71		ug/L		104	69 - 127
Trichloroethene	20.0	20.35		ug/L		102	72 - 129
Trichlorofluoromethane	20.0	20.38		ug/L		102	63 - 142
1,2,3-Trichloropropane	20.0	22.15		ug/L		111	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.58		ug/L		103	74 - 122
1,2,4-Trimethylbenzene	20.0	22.73		ug/L		114	80 - 123
1,3,5-Trimethylbenzene	20.0	21.85		ug/L		109	79 - 124
Vinyl acetate	40.0	44.87		ug/L		112	50 - 150
Vinyl chloride	20.0	20.31		ug/L		102	65 - 132
Xylenes, Total	40.0	42.65		ug/L		107	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

Lab Sample ID: 752-41439-2 MS
Matrix: Water
Analysis Batch: 111920

Client Sample ID: 821-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		40.0	40.12		ug/L		100	50 - 150
Benzene	ND		20.0	22.37		ug/L		112	71 - 133
Bromobenzene	ND		20.0	20.71		ug/L		104	73 - 130
Bromoform	ND		20.0	19.63		ug/L		98	59 - 130
Bromomethane	ND		20.0	24.53		ug/L		123	50 - 150
2-Butanone (MEK)	ND		40.0	42.22		ug/L		106	50 - 150
Carbon disulfide	ND		20.0	21.43		ug/L		107	50 - 150
Carbon tetrachloride	ND		20.0	22.33		ug/L		112	70 - 139
Chlorobenzene	ND		20.0	20.75		ug/L		104	78 - 128
Chlorobromomethane	ND		20.0	20.85		ug/L		104	70 - 133
Chlorodibromomethane	ND		20.0	20.06		ug/L		100	69 - 130
Chloroethane	ND		20.0	21.19		ug/L		106	50 - 150
Chloroform	ND		20.0	20.40		ug/L		102	70 - 132
Chloromethane	ND		20.0	22.44		ug/L		112	50 - 150

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

Lab Sample ID: 752-41439-2 MS
Matrix: Water
Analysis Batch: 111920

Client Sample ID: 821-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	ND		20.0	21.81		ug/L		109	70 - 131
4-Chlorotoluene	ND		20.0	22.55		ug/L		113	72 - 130
cis-1,2-Dichloroethene	ND		20.0	21.33		ug/L		107	72 - 133
cis-1,3-Dichloropropene	ND		20.0	20.13		ug/L		101	70 - 128
1,2-Dibromo-3-Chloropropane	ND		20.0	19.81		ug/L		99	63 - 127
Dibromomethane	ND		20.0	20.77		ug/L		104	72 - 130
1,2-Dichlorobenzene	ND		20.0	22.27		ug/L		111	76 - 125
1,3-Dichlorobenzene	ND		20.0	21.80		ug/L		109	76 - 126
1,4-Dichlorobenzene	ND		20.0	21.53		ug/L		108	76 - 124
Dichlorobromomethane	ND		20.0	20.83		ug/L		104	68 - 133
1,1-Dichloroethane	ND		20.0	21.14		ug/L		106	70 - 133
1,2-Dichloroethane	ND		20.0	21.03		ug/L		105	71 - 133
1,1-Dichloroethene	ND		20.0	20.86		ug/L		104	69 - 139
1,2-Dichloropropane	ND		20.0	21.86		ug/L		109	69 - 132
1,3-Dichloropropane	ND		20.0	19.95		ug/L		100	72 - 131
2,2-Dichloropropane	ND		20.0	22.84		ug/L		114	63 - 138
1,1-Dichloropropene	ND		20.0	23.12		ug/L		116	77 - 138
Ethyl acetate	ND		40.0	54.78		ug/L		137	50 - 150
Ethylbenzene	ND		20.0	21.46		ug/L		107	75 - 131
Ethylene Dibromide	ND		20.0	20.21		ug/L		101	76 - 129
Hexachlorobutadiene	ND		20.0	23.86		ug/L		119	65 - 138
Hexane	ND		20.0	23.64		ug/L		118	50 - 150
2-Hexanone	ND		40.0	36.84		ug/L		92	50 - 150
Iodomethane	ND		20.0	21.98		ug/L		110	50 - 150
Isopropylbenzene	ND		20.0	22.66		ug/L		113	73 - 135
Isopropyl ether	ND		20.0	21.12		ug/L		106	73 - 133
4-Isopropyltoluene	ND	F1	20.0	26.52	F1	ug/L		133	74 - 132
Methylene Chloride	ND		20.0	19.76		ug/L		99	66 - 132
4-Methyl-2-pentanone (MIBK)	ND		40.0	40.58		ug/L		101	50 - 150
Methyl tert-butyl ether	ND		20.0	19.87		ug/L		99	70 - 130
m-Xylene & p-Xylene	ND		20.0	21.37		ug/L		107	73 - 133
Naphthalene	ND		20.0	22.65	E	ug/L		113	63 - 134
n-Butylbenzene	ND		20.0	23.01		ug/L		115	70 - 136
n-Heptane	ND		20.0	24.77		ug/L		124	50 - 150
N-Propylbenzene	ND		20.0	22.34		ug/L		112	72 - 135
o-Xylene	ND		20.0	20.70		ug/L		103	73 - 132
sec-Butylbenzene	ND		20.0	22.94		ug/L		115	71 - 134
Styrene	ND		20.0	21.36		ug/L		107	73 - 133
tert-Butylbenzene	ND	F1	20.0	30.41	F1	ug/L		152	70 - 134
1,1,1,2-Tetrachloroethane	ND		20.0	20.27		ug/L		101	69 - 133
1,1,2,2-Tetrachloroethane	ND		20.0	19.84		ug/L		99	68 - 132
Tetrachloroethene	ND		20.0	23.15		ug/L		116	74 - 135
Toluene	ND		20.0	21.49		ug/L		107	72 - 134
trans-1,4-Dichloro-2-butene	ND		20.0	18.76		ug/L		94	50 - 150
trans-1,2-Dichloroethene	ND		20.0	20.77		ug/L		104	71 - 132
trans-1,3-Dichloropropene	ND		20.0	19.92		ug/L		100	60 - 125
1,2,3-Trichlorobenzene	ND		20.0	21.50		ug/L		108	62 - 135
1,2,4-Trichlorobenzene	ND		20.0	21.00		ug/L		105	61 - 135
1,1,1-Trichloroethane	ND		20.0	21.56		ug/L		108	69 - 135

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

Lab Sample ID: 752-41439-2 MS
Matrix: Water
Analysis Batch: 111920

Client Sample ID: 821-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND		20.0	20.95		ug/L		105	71 - 133
Trichloroethene	ND		20.0	22.36		ug/L		112	77 - 136
Trichlorofluoromethane	ND		20.0	22.95		ug/L		115	69 - 133
1,2,3-Trichloropropane	ND		20.0	21.28		ug/L		106	66 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	22.31		ug/L		112	50 - 150
1,2,4-Trimethylbenzene	ND		20.0	23.54		ug/L		118	74 - 133
1,3,5-Trimethylbenzene	ND		20.0	22.88		ug/L		114	75 - 132
Vinyl acetate	ND		40.0	57.50		ug/L		144	50 - 150
Vinyl chloride	ND		20.0	22.65		ug/L		113	66 - 138
Xylenes, Total	ND		40.0	42.07		ug/L		105	74 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: 752-41439-3 DU
Matrix: Water
Analysis Batch: 111920

Client Sample ID: 821-SW-3
Prep Type: Total/NA

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

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

Lab Sample ID: 752-41439-3 DU
Matrix: Water
Analysis Batch: 111920

Client Sample ID: 821-SW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloropropane	ND			ND		ug/L				NC	30
1,3-Dichloropropane	ND			ND		ug/L				NC	30
2,2-Dichloropropane	ND			ND		ug/L				NC	30
1,1-Dichloropropene	ND			ND		ug/L				NC	30
Ethyl acetate	ND			ND		ug/L				NC	30
Ethylbenzene	ND			ND		ug/L				NC	30
Ethylene Dibromide	ND			ND		ug/L				NC	30
Hexachlorobutadiene	ND			ND		ug/L				NC	30
Hexane	ND			ND		ug/L				NC	30
2-Hexanone	ND			ND		ug/L				NC	30
Iodomethane	ND			ND		ug/L				NC	30
Isopropylbenzene	ND			ND		ug/L				NC	30
Isopropyl ether	ND			ND		ug/L				NC	30
4-Isopropyltoluene	ND			ND		ug/L				NC	30
Methylene Chloride	ND			ND		ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	ND			ND		ug/L				NC	30
Methyl tert-butyl ether	ND			ND		ug/L				NC	30
m-Xylene & p-Xylene	ND			ND		ug/L				NC	30
Naphthalene	ND			ND		ug/L				NC	30
n-Butylbenzene	ND			ND		ug/L				NC	30
n-Heptane	ND			ND		ug/L				NC	30
N-Propylbenzene	ND			ND		ug/L				NC	30
o-Xylene	ND			ND		ug/L				NC	30
sec-Butylbenzene	ND			ND		ug/L				NC	30
Styrene	ND			ND		ug/L				NC	30
tert-Butylbenzene	ND			ND		ug/L				NC	30
1,1,1,2-Tetrachloroethane	ND			ND		ug/L				NC	30
1,1,2,2-Tetrachloroethane	ND			ND		ug/L				NC	30
Tetrachloroethene	ND			ND		ug/L				NC	30
Toluene	ND			ND		ug/L				NC	30
trans-1,4-Dichloro-2-butene	ND			ND		ug/L				NC	30
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	30
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	30
1,2,3-Trichlorobenzene	ND			ND		ug/L				NC	30
1,2,4-Trichlorobenzene	ND			ND		ug/L				NC	30
1,1,1-Trichloroethane	ND			ND		ug/L				NC	30
1,1,2-Trichloroethane	ND			ND		ug/L				NC	30
Trichloroethene	ND			ND		ug/L				NC	30
Trichlorofluoromethane	ND			ND		ug/L				NC	30
1,2,3-Trichloropropane	ND			ND		ug/L				NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND			ND		ug/L				NC	30
1,2,4-Trimethylbenzene	ND			ND		ug/L				NC	30
1,3,5-Trimethylbenzene	ND			ND		ug/L				NC	30
Vinyl acetate	ND			ND		ug/L				NC	30
Vinyl chloride	ND			ND		ug/L				NC	30
Xylenes, Total	ND			ND		ug/L				NC	30

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

Lab Sample ID: 752-41439-3 DU
Matrix: Water
Analysis Batch: 111920

Client Sample ID: 821-SW-3
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	*91*		*70 - 126*
Dibromofluoromethane	*109*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

Lab Sample ID: MB 705-112210/4
Matrix: Water
Analysis Batch: 112210

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			02/05/26 13:48	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 13:48	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 13:48	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 13:48	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 13:48	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 13:48	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 13:48	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 13:48	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 13:48	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 13:48	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 13:48	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 13:48	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 13:48	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 13:48	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 13:48	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 13:48	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 13:48	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 13:48	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 13:48	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 13:48	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 13:48	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 13:48	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 13:48	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 13:48	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 13:48	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 13:48	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 13:48	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 13:48	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 13:48	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 13:48	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 13:48	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 13:48	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 13:48	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 13:48	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 13:48	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 13:48	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 13:48	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 13:48	1

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

Lab Sample ID: MB 705-112210/4
Matrix: Water
Analysis Batch: 112210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 13:48	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 13:48	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 13:48	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 13:48	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 13:48	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 13:48	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 13:48	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 13:48	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 13:48	1
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 13:48	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 13:48	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 13:48	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 13:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 13:48	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 13:48	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 13:48	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 13:48	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 13:48	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 13:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 13:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 13:48	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 13:48	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 13:48	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 13:48	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 13:48	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 13:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 13:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 13:48	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 13:48	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 13:48	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/05/26 13:48*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 13:48*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 13:48*	*1*

Lab Sample ID: LCS 705-112210/1001
Matrix: Water
Analysis Batch: 112210

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	30.11		ug/L		75	25 - 150		
Isopropyl ether			20.0	17.17		ug/L		86	78 - 125		

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

Lab Sample ID: LCS 705-112210/1001
Matrix: Water
Analysis Batch: 112210

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	85		70 - 126
Dibromofluoromethane	104		77 - 121
Toluene-d8 (Surr)	95		79 - 119

Lab Sample ID: LCS 705-112210/1002
Matrix: Water
Analysis Batch: 112210

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	35.89		ug/L		90	62 - 136
Benzene	20.0	20.83		ug/L		104	76 - 122
Bromobenzene	20.0	20.52		ug/L		103	77 - 125
Bromoform	20.0	20.22		ug/L		101	65 - 129
Bromomethane	20.0	25.26		ug/L		126	60 - 138
2-Butanone (MEK)	40.0	35.01		ug/L		88	74 - 131
Carbon disulfide	20.0	21.10		ug/L		106	71 - 122
Carbon tetrachloride	20.0	20.68		ug/L		103	72 - 131
Chlorobenzene	20.0	21.03		ug/L		105	75 - 121
Chlorobromomethane	20.0	22.15		ug/L		111	77 - 120
Chlorodibromomethane	20.0	20.56		ug/L		103	70 - 131
Chloroethane	20.0	20.11		ug/L		101	55 - 138
Chloroform	20.0	20.86		ug/L		104	73 - 121
Chloromethane	20.0	21.12		ug/L		106	57 - 129
2-Chlorotoluene	20.0	20.62		ug/L		103	75 - 123
4-Chlorotoluene	20.0	21.52		ug/L		108	76 - 124
cis-1,2-Dichloroethene	20.0	20.85		ug/L		104	76 - 121
cis-1,3-Dichloropropene	20.0	19.39		ug/L		97	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	18.62		ug/L		93	64 - 125
Dibromomethane	20.0	20.43		ug/L		102	70 - 130
1,2-Dichlorobenzene	20.0	21.79		ug/L		109	69 - 127
1,3-Dichlorobenzene	20.0	21.17		ug/L		106	68 - 128
1,4-Dichlorobenzene	20.0	20.92		ug/L		105	68 - 126
Dichlorobromomethane	20.0	19.65		ug/L		98	70 - 124
1,1-Dichloroethane	20.0	21.00		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.72		ug/L		99	72 - 127
1,1-Dichloroethene	20.0	21.26		ug/L		106	69 - 130
1,2-Dichloropropane	20.0	19.84		ug/L		99	71 - 121
1,3-Dichloropropane	20.0	19.81		ug/L		99	76 - 125
2,2-Dichloropropane	20.0	22.19		ug/L		111	71 - 131
1,1-Dichloropropene	20.0	20.62		ug/L		103	74 - 129
Ethylbenzene	20.0	21.51		ug/L		108	75 - 127
Ethylene Dibromide	20.0	20.56		ug/L		103	68 - 133
Hexachlorobutadiene	20.0	22.19		ug/L		111	65 - 137
Hexane	20.0	19.61		ug/L		98	25 - 150
2-Hexanone	40.0	34.95		ug/L		87	70 - 130
Iodomethane	20.0	23.64		ug/L		118	50 - 150
Isopropylbenzene	20.0	20.38		ug/L		102	76 - 125
4-Isopropyltoluene	20.0	24.14		ug/L		121	78 - 126

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

Lab Sample ID: LCS 705-112210/1002
Matrix: Water
Analysis Batch: 112210

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	20.0	21.05		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.99		ug/L		87	76 - 122
Methyl tert-butyl ether	20.0	18.65		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	22.81		ug/L		114	76 - 128
Naphthalene	20.0	20.96	E	ug/L		105	67 - 129
n-Butylbenzene	20.0	20.40		ug/L		102	71 - 131
n-Heptane	20.0	20.30		ug/L		102	25 - 150
N-Propylbenzene	20.0	20.56		ug/L		103	75 - 127
o-Xylene	20.0	21.92		ug/L		110	78 - 124
sec-Butylbenzene	20.0	21.24		ug/L		106	74 - 127
Styrene	20.0	22.93		ug/L		115	71 - 129
tert-Butylbenzene	20.0	20.36		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.97		ug/L		105	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.05		ug/L		90	73 - 127
Tetrachloroethene	20.0	22.03		ug/L		110	74 - 129
Toluene	20.0	20.97		ug/L		105	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.52		ug/L		88	50 - 150
trans-1,2-Dichloroethene	20.0	20.23		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.93		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	20.0	20.84		ug/L		104	65 - 130
1,2,4-Trichlorobenzene	20.0	19.35		ug/L		97	65 - 131
1,1,1-Trichloroethane	20.0	21.19		ug/L		106	71 - 124
1,1,2-Trichloroethane	20.0	19.76		ug/L		99	69 - 127
Trichloroethene	20.0	21.00		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	22.02		ug/L		110	63 - 142
1,2,3-Trichloropropane	20.0	19.23		ug/L		96	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.84		ug/L		109	74 - 122
1,2,4-Trimethylbenzene	20.0	21.93		ug/L		110	80 - 123
1,3,5-Trimethylbenzene	20.0	21.31		ug/L		107	79 - 124
Vinyl acetate	40.0	34.59		ug/L		86	50 - 150
Vinyl chloride	20.0	21.52		ug/L		108	65 - 132
Xylenes, Total	40.0	44.73		ug/L		112	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*102*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/30/26 15:27	02/02/26 14:26	1

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

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	113		40 - 150	01/30/26 15:27	02/02/26 14:26	1

Lab Sample ID: LCS 400-737920/2-A
Matrix: Water
Analysis Batch: 738112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737920

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			33.3	32.50		ug/L		98	30 - 150		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	87		30 - 150

Lab Sample ID: LCSD 400-737920/3-A
Matrix: Water
Analysis Batch: 738112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			33.3	32.24		ug/L		97	30 - 150	1	40

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	85		30 - 150

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Nitroaniline	ND		10.0	1.37	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/30/26 15:27	02/02/26 14:26	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/30/26 15:27	02/02/26 14:26	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/30/26 15:27	02/02/26 14:26	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/30/26 15:27	02/02/26 14:26	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/30/26 15:27	02/02/26 14:26	1

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10.0	0.630	ug/L		01/30/26 15:27	02/02/26 14:26	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/30/26 15:27	02/02/26 14:26	1
Acetophenone	ND		10.0	3.20	ug/L		01/30/26 15:27	02/02/26 14:26	1
Anthracene	ND		10.0	0.910	ug/L		01/30/26 15:27	02/02/26 14:26	1
Atrazine	ND		10.0	1.13	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/30/26 15:27	02/02/26 14:26	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/30/26 15:27	02/02/26 14:26	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/30/26 15:27	02/02/26 14:26	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/30/26 15:27	02/02/26 14:26	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Caprolactam	ND		10.0	2.40	ug/L		01/30/26 15:27	02/02/26 14:26	1
Carbazole	ND		10.0	0.320	ug/L		01/30/26 15:27	02/02/26 14:26	1
Chrysene	ND		10.0	1.20	ug/L		01/30/26 15:27	02/02/26 14:26	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/30/26 15:27	02/02/26 14:26	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/30/26 15:27	02/02/26 14:26	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/30/26 15:27	02/02/26 14:26	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Fluoranthene	ND		10.0	0.630	ug/L		01/30/26 15:27	02/02/26 14:26	1
Fluorene	ND		10.0	0.670	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/30/26 15:27	02/02/26 14:26	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:27	02/02/26 14:26	1
Isophorone	ND		10.0	0.800	ug/L		01/30/26 15:27	02/02/26 14:26	1
Naphthalene	ND		10.0	0.750	ug/L		01/30/26 15:27	02/02/26 14:26	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/30/26 15:27	02/02/26 14:26	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/30/26 15:27	02/02/26 14:26	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/30/26 15:27	02/02/26 14:26	1
Pentachlorophenol	ND		10.0	2.80	ug/L		01/30/26 15:27	02/02/26 14:26	1
Phenanthrene	ND		10.0	0.740	ug/L		01/30/26 15:27	02/02/26 14:26	1
Phenol	ND		10.0	0.680	ug/L		01/30/26 15:27	02/02/26 14:26	1
Pyrene	ND		10.0	0.630	ug/L		01/30/26 15:27	02/02/26 14:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
2-Fluorobiphenyl (Surr)	*90*		*25 - 139*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
2-Fluorophenol (Surr)	*98*		*10 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
Nitrobenzene-d5 (Surr)	*94*		*22 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
Phenol-d5 (Surr)	*98*		*10 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	83		28 - 150	01/30/26 15:27	02/02/26 14:26	1

Lab Sample ID: LCS 400-737920/2-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	25.20		ug/L		76	27 - 120
2,4,5-Trichlorophenol	33.3	29.14		ug/L		87	27 - 136
2,4,6-Trichlorophenol	33.3	28.81		ug/L		86	21 - 132
2,4-Dichlorophenol	33.3	28.31		ug/L		85	30 - 125
2,4-Dimethylphenol	33.3	29.33		ug/L		88	10 - 142
2,4-Dinitrophenol	66.7	75.39		ug/L		113	10 - 150
2,4-Dinitrotoluene	33.3	36.55		ug/L		110	30 - 129
2,6-Dinitrotoluene	33.3	31.65		ug/L		95	34 - 132
2-Chloronaphthalene	33.3	25.06		ug/L		75	10 - 150
2-Chlorophenol	33.3	29.74		ug/L		89	28 - 127
2-Methylnaphthalene	33.3	24.51		ug/L		74	24 - 150
2-Methylphenol	33.3	27.59		ug/L		83	11 - 121
2-Nitroaniline	33.3	31.21		ug/L		94	31 - 141
2-Nitrophenol	33.3	31.87		ug/L		96	31 - 142
3 & 4 Methylphenol	33.3	27.51		ug/L		83	10 - 150
3,3'-Dichlorobenzidine	66.7	44.57		ug/L		67	10 - 150
3-Nitroaniline	33.3	28.42		ug/L		85	33 - 136
4,6-Dinitro-2-methylphenol	66.7	67.12		ug/L		101	10 - 150
4-Bromophenyl phenyl ether	33.3	30.16		ug/L		90	24 - 120
4-Chloro-3-methylphenol	33.3	28.14		ug/L		84	10 - 137
4-Chloroaniline	33.3	24.83		ug/L		74	10 - 150
4-Chlorophenyl phenyl ether	33.3	28.91		ug/L		87	31 - 110
4-Nitroaniline	33.3	29.38		ug/L		88	37 - 139
4-Nitrophenol	66.7	96.48		ug/L		145	10 - 150
Acenaphthene	33.3	24.99		ug/L		75	29 - 150
Acenaphthylene	33.3	25.68		ug/L		77	30 - 150
Acetophenone	33.3	25.85		ug/L		78	27 - 119
Anthracene	33.3	29.72		ug/L		89	31 - 150
Atrazine	33.3	23.85		ug/L		72	10 - 150
Benzaldehyde	33.3	18.16		ug/L		54	10 - 150
Benzo[a]anthracene	33.3	26.83		ug/L		80	36 - 150
Benzo[a]pyrene	33.3	27.33		ug/L		82	29 - 150
Benzo[b]fluoranthene	33.3	30.23		ug/L		91	32 - 150
Benzo[g,h,i]perylene	33.3	30.10		ug/L		90	28 - 150
Benzo[k]fluoranthene	33.3	28.01		ug/L		84	30 - 150
bis (2-chloroisopropyl) ether	33.3	27.61		ug/L		83	32 - 115
Bis(2-chloroethoxy)methane	33.3	26.30		ug/L		79	34 - 120
Bis(2-chloroethyl)ether	33.3	24.94		ug/L		75	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.72		ug/L		74	24 - 133
Butyl benzyl phthalate	33.3	26.34		ug/L		79	24 - 140
Caprolactam	33.3	42.75		ug/L		128	10 - 150

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

Lab Sample ID: LCS 400-737920/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 738012
Prep Batch: 737920

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbazole			33.3	30.64		ug/L		92	28 - 123		
Chrysene			33.3	27.06		ug/L		81	34 - 150		
Dibenz(a,h)anthracene			33.3	29.84		ug/L		90	29 - 150		
Dibenzofuran			33.3	26.43		ug/L		79	35 - 110		
Diethyl phthalate			33.3	26.58		ug/L		80	31 - 118		
Dimethyl phthalate			33.3	26.95		ug/L		81	24 - 125		
Di-n-butyl phthalate			33.3	30.29		ug/L		91	30 - 127		
Di-n-octyl phthalate			33.3	27.54		ug/L		83	28 - 142		
Fluoranthene			33.3	29.17		ug/L		88	30 - 150		
Fluorene			33.3	25.96		ug/L		78	30 - 150		
Hexachlorobenzene			33.3	30.35		ug/L		91	29 - 113		
Hexachlorobutadiene			33.3	22.12		ug/L		66	10 - 117		
Hexachlorocyclopentadiene			33.3	22.10		ug/L		66	10 - 150		
Hexachloroethane			33.3	19.59		ug/L		59	10 - 112		
Indeno[1,2,3-cd]pyrene			33.3	28.60		ug/L		86	28 - 150		
Isophorone			33.3	25.37		ug/L		76	29 - 125		
Naphthalene			33.3	25.89		ug/L		78	27 - 150		
Nitrobenzene			33.3	28.60		ug/L		86	29 - 129		
N-Nitrosodi-n-propylamine			33.3	27.24		ug/L		82	50 - 134		
N-Nitrosodiphenylamine			33.1	27.67		ug/L		84	50 - 132		
Pentachlorophenol			66.7	79.61		ug/L		119	14 - 150		
Phenanthrene			33.3	28.71		ug/L		86	32 - 150		
Phenol			33.3	30.12		ug/L		90	10 - 150		
Pyrene			33.3	29.98		ug/L		90	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 150*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*
2-Fluorophenol (Surr)	*80*		*10 - 150*
Nitrobenzene-d5 (Surr)	*90*		*22 - 150*
Phenol-d5 (Surr)	*80*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

Lab Sample ID: LCSD 400-737920/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 738012
Prep Batch: 737920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	23.96		ug/L		72	27 - 120	5	40
2,4,5-Trichlorophenol			33.3	27.17		ug/L		82	27 - 136	7	40
2,4,6-Trichlorophenol			33.3	26.70		ug/L		80	21 - 132	8	40
2,4-Dichlorophenol			33.3	27.09		ug/L		81	30 - 125	4	40
2,4-Dimethylphenol			33.3	28.19		ug/L		85	10 - 142	4	40
2,4-Dinitrophenol			66.7	72.80		ug/L		109	10 - 150	3	40
2,4-Dinitrotoluene			33.3	35.54		ug/L		107	30 - 129	3	40
2,6-Dinitrotoluene			33.3	30.62		ug/L		92	34 - 132	3	40
2-Chloronaphthalene			33.3	23.56		ug/L		71	10 - 150	6	40
2-Chlorophenol			33.3	26.17		ug/L		79	28 - 127	13	40

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

Lab Sample ID: LCSD 400-737920/3-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737920

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	33.3	23.14		ug/L		69	24 - 150	6	40
2-Methylphenol	33.3	24.43		ug/L		73	11 - 121	12	40
2-Nitroaniline	33.3	30.44		ug/L		91	31 - 141	3	40
2-Nitrophenol	33.3	29.51		ug/L		89	31 - 142	8	40
3 & 4 Methylphenol	33.3	23.70		ug/L		71	10 - 150	15	40
3,3'-Dichlorobenzidine	66.7	40.08		ug/L		60	10 - 150	11	40
3-Nitroaniline	33.3	28.12		ug/L		84	33 - 136	1	40
4,6-Dinitro-2-methylphenol	66.7	62.74		ug/L		94	10 - 150	7	40
4-Bromophenyl phenyl ether	33.3	26.17		ug/L		79	24 - 120	14	40
4-Chloro-3-methylphenol	33.3	25.45		ug/L		76	10 - 137	10	40
4-Chloroaniline	33.3	25.40		ug/L		76	10 - 150	2	40
4-Chlorophenyl phenyl ether	33.3	28.04		ug/L		84	31 - 110	3	40
4-Nitroaniline	33.3	29.02		ug/L		87	37 - 139	1	40
4-Nitrophenol	66.7	83.37		ug/L		125	10 - 150	15	40
Acenaphthene	33.3	24.17		ug/L		72	29 - 150	3	40
Acenaphthylene	33.3	24.48		ug/L		73	30 - 150	5	40
Acetophenone	33.3	25.06		ug/L		75	27 - 119	3	40
Anthracene	33.3	26.59		ug/L		80	31 - 150	11	40
Atrazine	33.3	21.27		ug/L		64	10 - 150	11	40
Benzaldehyde	33.3	17.70		ug/L		53	10 - 150	3	40
Benzo[a]anthracene	33.3	23.48		ug/L		70	36 - 150	13	40
Benzo[a]pyrene	33.3	24.99		ug/L		75	29 - 150	9	40
Benzo[b]fluoranthene	33.3	26.64		ug/L		80	32 - 150	13	40
Benzo[g,h,i]perylene	33.3	27.18		ug/L		82	28 - 150	10	40
Benzo[k]fluoranthene	33.3	25.90		ug/L		78	30 - 150	8	40
bis (2-chloroisopropyl) ether	33.3	25.40		ug/L		76	32 - 115	8	40
Bis(2-chloroethoxy)methane	33.3	25.28		ug/L		76	34 - 120	4	40
Bis(2-chloroethyl)ether	33.3	23.46		ug/L		70	32 - 114	6	40
Bis(2-ethylhexyl) phthalate	33.3	22.34		ug/L		67	24 - 133	10	40
Butyl benzyl phthalate	33.3	22.63		ug/L		68	24 - 140	15	40
Caprolactam	33.3	44.92		ug/L		135	10 - 150	5	40
Carbazole	33.3	27.46		ug/L		82	28 - 123	11	40
Chrysene	33.3	23.81		ug/L		71	34 - 150	13	40
Dibenz(a,h)anthracene	33.3	27.16		ug/L		81	29 - 150	9	40
Dibenzofuran	33.3	25.14		ug/L		75	35 - 110	5	40
Diethyl phthalate	33.3	26.14		ug/L		78	31 - 118	2	40
Dimethyl phthalate	33.3	25.94		ug/L		78	24 - 125	4	40
Di-n-butyl phthalate	33.3	27.15		ug/L		81	30 - 127	11	40
Di-n-octyl phthalate	33.3	23.36		ug/L		70	28 - 142	16	40
Fluoranthene	33.3	25.83		ug/L		77	30 - 150	12	40
Fluorene	33.3	25.01		ug/L		75	30 - 150	4	40
Hexachlorobenzene	33.3	27.75		ug/L		83	29 - 113	9	40
Hexachlorobutadiene	33.3	18.72		ug/L		56	10 - 117	17	40
Hexachlorocyclopentadiene	33.3	18.60	J	ug/L		56	10 - 150	17	40
Hexachloroethane	33.3	17.11		ug/L		51	10 - 112	13	40
Indeno[1,2,3-cd]pyrene	33.3	26.10		ug/L		78	28 - 150	9	40
Isophorone	33.3	23.90		ug/L		72	29 - 125	6	40
Naphthalene	33.3	24.32		ug/L		73	27 - 150	6	40
Nitrobenzene	33.3	28.19		ug/L		85	29 - 129	1	40

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

Lab Sample ID: LCSD 400-737920/3-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodi-n-propylamine			33.3	26.03		ug/L		78	50 - 134	5	40
N-Nitrosodiphenylamine			33.1	26.83		ug/L		81	50 - 132	3	40
Pentachlorophenol			66.7	70.34		ug/L		106	14 - 150	12	40
Phenanthrene			33.3	25.84		ug/L		78	32 - 150	11	40
Phenol			33.3	26.39		ug/L		79	10 - 150	13	40
Pyrene			33.3	26.64		ug/L		80	30 - 150	12	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 150*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*
2-Fluorophenol (Surr)	*74*		*10 - 150*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*
Phenol-d5 (Surr)	*71*		*10 - 150*
Terphenyl-d14 (Surr)	*64*		*28 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-111325/1-A
Matrix: Water
Analysis Batch: 111863

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 05:34	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 05:34	1
Barium	ND		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 05:34	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 05:34	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 05:34	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 05:34	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 05:34	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 05:34	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 05:34	1
Manganese	ND		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 05:34	1
Nickel	ND		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 05:34	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 05:34	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 05:34	1
Thallium	0.8948	J	1.00	0.190	ug/L		02/01/26 15:57	02/03/26 05:34	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 05:34	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 05:34	1

Lab Sample ID: LCS 705-111325/2-A
Matrix: Water
Analysis Batch: 111863

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	86.60		ug/L		87	80 - 120		
Arsenic			100	100.2		ug/L		100	80 - 120		
Barium			100	85.27		ug/L		85	80 - 120		
Beryllium			100	104.6		ug/L		105	80 - 120		
Cadmium			100	89.15		ug/L		89	80 - 120		

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

Lab Sample ID: LCS 705-111325/2-A
Matrix: Water
Analysis Batch: 111863

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	93.08		ug/L		93	80 - 120
Cobalt	100	94.23		ug/L		94	80 - 120
Copper	100	96.56		ug/L		97	80 - 120
Lead	100	99.47		ug/L		99	80 - 120
Manganese	100	96.41		ug/L		96	80 - 120
Nickel	100	95.05		ug/L		95	80 - 120
Selenium	100	93.44		ug/L		93	80 - 120
Silver	10.0	9.640		ug/L		96	80 - 120
Thallium	100	97.34		ug/L		97	80 - 120
Vanadium	100	91.78		ug/L		92	80 - 120
Zinc	100	99.70		ug/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-111600/1-A
Matrix: Water
Analysis Batch: 111882

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.1720	J	0.200	0.166	ug/L		02/03/26 18:11	02/03/26 22:16	1

Lab Sample ID: LCS 705-111600/2-A
Matrix: Water
Analysis Batch: 111882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.979		ug/L		99	80 - 120

Lab Sample ID: 752-41439-1 MS
Matrix: Water
Analysis Batch: 111882

Client Sample ID: 821-SW-1
Prep Type: Total/NA
Prep Batch: 111600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.203	B	4.00	4.338		ug/L		103	75 - 125

Lab Sample ID: 752-41439-1 MSD
Matrix: Water
Analysis Batch: 111882

Client Sample ID: 821-SW-1
Prep Type: Total/NA
Prep Batch: 111600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.203	B	4.00	4.218		ug/L		100	75 - 125	3	20

Lab Sample ID: MB 705-111949/1-A
Matrix: Water
Analysis Batch: 112359

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 12:15	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-111949/2-A
Matrix: Water
Analysis Batch: 112359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.986		ug/L		100	80 - 120

Lab Sample ID: MB 705-112551/1-A
Matrix: Water
Analysis Batch: 113035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/09/26 08:31	02/09/26 13:12	1

Lab Sample ID: LCS 705-112551/2-A
Matrix: Water
Analysis Batch: 113035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.227		ug/L		106	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14718/43
Matrix: Water
Analysis Batch: 14718

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/30/26 11:34	1

Lab Sample ID: MB 752-14718/75
Matrix: Water
Analysis Batch: 14718

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/30/26 12:49	1

Lab Sample ID: LCS 752-14718/44
Matrix: Water
Analysis Batch: 14718

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	1.023		mg/L		101	90 - 110

Lab Sample ID: LCS 752-14718/76
Matrix: Water
Analysis Batch: 14718

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	1.019		mg/L		100	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-41439-3 MS
Matrix: Water
Analysis Batch: 14718

Client Sample ID: 821-SW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND	F1	0.395	0.2847	F1	mg/L		72	90 - 110

Lab Sample ID: 752-41439-3 MSD
Matrix: Water
Analysis Batch: 14718

Client Sample ID: 821-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
Ammonia (as N)	ND	F1	0.395	0.2797	F1	mg/L		71	90 - 110	2	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14710/10
Matrix: Water
Analysis Batch: 14710

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			01/29/26 10:55	1

Lab Sample ID: MB 752-14710/36
Matrix: Water
Analysis Batch: 14710

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			01/29/26 16:00	1

Lab Sample ID: LCS 752-14710/13
Matrix: Water
Analysis Batch: 14710

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	0.9802		mg/L		98	90 - 110

Lab Sample ID: LCS 752-14710/39
Matrix: Water
Analysis Batch: 14710

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	0.9633		mg/L		96	90 - 110

Lab Sample ID: LCSD 752-14710/68
Matrix: Water
Analysis Batch: 14710

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	0.9637		mg/L		96	90 - 110	0	10

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 752-41439-8 MS
Matrix: Water
Analysis Batch: 14710

Client Sample ID: 821-SW-Dup
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	1.016		mg/L		102	90 - 110

Lab Sample ID: 752-41439-8 MSD
Matrix: Water
Analysis Batch: 14710

Client Sample ID: 821-SW-Dup
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND		1.00	1.024		mg/L		102	90 - 110	1	10

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

Lab Sample ID: MB 680-888202/19
Matrix: Water
Analysis Batch: 888202

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.06900	J	0.100	0.0100	mg/L			01/30/26 13:23	1

Lab Sample ID: LCS 680-888202/20
Matrix: Water
Analysis Batch: 888202

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9510		mg/L		95	90 - 110

Lab Sample ID: 752-41439-1 MS
Matrix: Water
Analysis Batch: 888202

Client Sample ID: 821-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.291	B F1	1.00	0.8330	F1	mg/L		54	90 - 110

Lab Sample ID: 752-41439-1 MSD
Matrix: Water
Analysis Batch: 888202

Client Sample ID: 821-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.291	B F1	1.00	0.8410	F1	mg/L		55	90 - 110	1	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-737972/12
Matrix: Water
Analysis Batch: 737972

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			01/31/26 17:34	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-737972/13
Matrix: Water
Analysis Batch: 737972

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	15.18		mg/L		101	90 - 110		

Lab Sample ID: MRL 400-737972/14
Matrix: Water
Analysis Batch: 737972

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	3.733	J	mg/L		75	50 - 150		

Lab Sample ID: 752-41439-1 MS
Matrix: Water
Analysis Batch: 737972

Client Sample ID: 821-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	24.9		10.0	37.31		mg/L		124	77 - 128		

Lab Sample ID: 752-41439-1 MSD
Matrix: Water
Analysis Batch: 737972

Client Sample ID: 821-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	24.9		10.0	37.68		mg/L		127	77 - 128	1	5

QC Association Summary

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

Job ID: 752-41439-1

GC/MS VOA

Analysis Batch: 111920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-2	821-SW-2	Total/NA	Water	8260D	
752-41439-3	821-SW-3	Total/NA	Water	8260D	
752-41439-4	821-SW-4	Total/NA	Water	8260D	
752-41439-5	821-SW-5	Total/NA	Water	8260D	
MB 705-111920/5	Method Blank	Total/NA	Water	8260D	
LCS 705-111920/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-111920/1003	Lab Control Sample	Total/NA	Water	8260D	
752-41439-2 MS	821-SW-2	Total/NA	Water	8260D	
752-41439-3 DU	821-SW-3	Total/NA	Water	8260D	

Analysis Batch: 112210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	8260D	
752-41439-6	821-SW-6	Total/NA	Water	8260D	
752-41439-7	821-SW-7	Total/NA	Water	8260D	
752-41439-8	821-SW-Dup	Total/NA	Water	8260D	
752-41439-9	Trip Blank	Total/NA	Water	8260D	
MB 705-112210/4	Method Blank	Total/NA	Water	8260D	
LCS 705-112210/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112210/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	3511	
752-41439-2	821-SW-2	Total/NA	Water	3511	
752-41439-3	821-SW-3	Total/NA	Water	3511	
752-41439-4	821-SW-4	Total/NA	Water	3511	
752-41439-5	821-SW-5	Total/NA	Water	3511	
752-41439-6	821-SW-6	Total/NA	Water	3511	
752-41439-7	821-SW-7	Total/NA	Water	3511	
752-41439-8	821-SW-Dup	Total/NA	Water	3511	
MB 400-737920/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737920/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737920/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 738012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	8270E	737920
752-41439-2	821-SW-2	Total/NA	Water	8270E	737920
752-41439-3	821-SW-3	Total/NA	Water	8270E	737920
752-41439-4	821-SW-4	Total/NA	Water	8270E	737920
752-41439-5	821-SW-5	Total/NA	Water	8270E	737920
752-41439-6	821-SW-6	Total/NA	Water	8270E	737920
752-41439-7	821-SW-7	Total/NA	Water	8270E	737920
752-41439-8	821-SW-Dup	Total/NA	Water	8270E	737920
MB 400-737920/1-A	Method Blank	Total/NA	Water	8270E	737920
LCS 400-737920/2-A	Lab Control Sample	Total/NA	Water	8270E	737920
LCSD 400-737920/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737920

GC/MS Semi VOA

Analysis Batch: 738112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	8270E	737920
752-41439-2	821-SW-2	Total/NA	Water	8270E	737920
752-41439-3	821-SW-3	Total/NA	Water	8270E	737920
752-41439-4	821-SW-4	Total/NA	Water	8270E	737920
752-41439-5	821-SW-5	Total/NA	Water	8270E	737920
752-41439-6	821-SW-6	Total/NA	Water	8270E	737920
752-41439-7	821-SW-7	Total/NA	Water	8270E	737920
752-41439-8	821-SW-Dup	Total/NA	Water	8270E	737920
MB 400-737920/1-A	Method Blank	Total/NA	Water	8270E	737920
LCS 400-737920/2-A	Lab Control Sample	Total/NA	Water	8270E	737920
LCSD 400-737920/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737920

Metals

Prep Batch: 111325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total Recoverable	Water	3005A	
752-41439-2	821-SW-2	Total Recoverable	Water	3005A	
752-41439-3	821-SW-3	Total Recoverable	Water	3005A	
752-41439-4	821-SW-4	Total Recoverable	Water	3005A	
752-41439-5	821-SW-5	Total Recoverable	Water	3005A	
752-41439-6	821-SW-6	Total Recoverable	Water	3005A	
752-41439-7	821-SW-7	Total Recoverable	Water	3005A	
752-41439-8	821-SW-Dup	Total Recoverable	Water	3005A	
MB 705-111325/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-111325/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 111600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-2	821-SW-2	Total/NA	Water	7470A	
752-41439-4	821-SW-4	Total/NA	Water	7470A	
752-41439-8	821-SW-Dup	Total/NA	Water	7470A	
MB 705-111600/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-111600/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-41439-1 MS	821-SW-1	Total/NA	Water	7470A	
752-41439-1 MSD	821-SW-1	Total/NA	Water	7470A	

Analysis Batch: 111863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total Recoverable	Water	6020B	111325
752-41439-2	821-SW-2	Total Recoverable	Water	6020B	111325
752-41439-3	821-SW-3	Total Recoverable	Water	6020B	111325
752-41439-4	821-SW-4	Total Recoverable	Water	6020B	111325
752-41439-5	821-SW-5	Total Recoverable	Water	6020B	111325
752-41439-6	821-SW-6	Total Recoverable	Water	6020B	111325
752-41439-7	821-SW-7	Total Recoverable	Water	6020B	111325
752-41439-8	821-SW-Dup	Total Recoverable	Water	6020B	111325
MB 705-111325/1-A	Method Blank	Total Recoverable	Water	6020B	111325
LCS 705-111325/2-A	Lab Control Sample	Total Recoverable	Water	6020B	111325

Metals

Analysis Batch: 111882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-2	821-SW-2	Total/NA	Water	7470A	111600
752-41439-4	821-SW-4	Total/NA	Water	7470A	111600
752-41439-8	821-SW-Dup	Total/NA	Water	7470A	111600
MB 705-111600/1-A	Method Blank	Total/NA	Water	7470A	111600
LCS 705-111600/2-A	Lab Control Sample	Total/NA	Water	7470A	111600
752-41439-1 MS	821-SW-1	Total/NA	Water	7470A	111600
752-41439-1 MSD	821-SW-1	Total/NA	Water	7470A	111600

Prep Batch: 111949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-3	821-SW-3	Total/NA	Water	7470A	
752-41439-5	821-SW-5	Total/NA	Water	7470A	
752-41439-6	821-SW-6	Total/NA	Water	7470A	
752-41439-7	821-SW-7	Total/NA	Water	7470A	
MB 705-111949/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-111949/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 112359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-3	821-SW-3	Total/NA	Water	7470A	111949
752-41439-5	821-SW-5	Total/NA	Water	7470A	111949
752-41439-6	821-SW-6	Total/NA	Water	7470A	111949
752-41439-7	821-SW-7	Total/NA	Water	7470A	111949
MB 705-111949/1-A	Method Blank	Total/NA	Water	7470A	111949
LCS 705-111949/2-A	Lab Control Sample	Total/NA	Water	7470A	111949

Prep Batch: 112551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	7470A	
MB 705-112551/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-112551/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 112856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-8	821-SW-Dup	Total Recoverable	Water	6020B	111325

Analysis Batch: 113033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	7470A	112551

Analysis Batch: 113035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-112551/1-A	Method Blank	Total/NA	Water	7470A	112551
LCS 705-112551/2-A	Lab Control Sample	Total/NA	Water	7470A	112551

General Chemistry

Analysis Batch: 14710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	353.2	
752-41439-2	821-SW-2	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 14710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-3	821-SW-3	Total/NA	Water	353.2	
752-41439-4	821-SW-4	Total/NA	Water	353.2	
752-41439-5	821-SW-5	Total/NA	Water	353.2	
752-41439-6	821-SW-6	Total/NA	Water	353.2	
752-41439-7	821-SW-7	Total/NA	Water	353.2	
752-41439-8	821-SW-Dup	Total/NA	Water	353.2	
MB 752-14710/10	Method Blank	Total/NA	Water	353.2	
MB 752-14710/36	Method Blank	Total/NA	Water	353.2	
LCS 752-14710/13	Lab Control Sample	Total/NA	Water	353.2	
LCS 752-14710/39	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14710/68	Lab Control Sample Dup	Total/NA	Water	353.2	
752-41439-8 MS	821-SW-Dup	Total/NA	Water	353.2	
752-41439-8 MSD	821-SW-Dup	Total/NA	Water	353.2	

Analysis Batch: 14718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	350.1	
752-41439-2	821-SW-2	Total/NA	Water	350.1	
752-41439-3	821-SW-3	Total/NA	Water	350.1	
752-41439-4	821-SW-4	Total/NA	Water	350.1	
752-41439-5	821-SW-5	Total/NA	Water	350.1	
752-41439-6	821-SW-6	Total/NA	Water	350.1	
752-41439-7	821-SW-7	Total/NA	Water	350.1	
752-41439-8	821-SW-Dup	Total/NA	Water	350.1	
MB 752-14718/43	Method Blank	Total/NA	Water	350.1	
MB 752-14718/75	Method Blank	Total/NA	Water	350.1	
LCS 752-14718/44	Lab Control Sample	Total/NA	Water	350.1	
LCS 752-14718/76	Lab Control Sample	Total/NA	Water	350.1	
752-41439-3 MS	821-SW-3	Total/NA	Water	350.1	
752-41439-3 MSD	821-SW-3	Total/NA	Water	350.1	

Analysis Batch: 737972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	SM 4500 SO4 E	
752-41439-2	821-SW-2	Total/NA	Water	SM 4500 SO4 E	
752-41439-3	821-SW-3	Total/NA	Water	SM 4500 SO4 E	
752-41439-4	821-SW-4	Total/NA	Water	SM 4500 SO4 E	
752-41439-5	821-SW-5	Total/NA	Water	SM 4500 SO4 E	
752-41439-6	821-SW-6	Total/NA	Water	SM 4500 SO4 E	
752-41439-7	821-SW-7	Total/NA	Water	SM 4500 SO4 E	
752-41439-8	821-SW-Dup	Total/NA	Water	SM 4500 SO4 E	
MB 400-737972/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-737972/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-737972/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-41439-1 MS	821-SW-1	Total/NA	Water	SM 4500 SO4 E	
752-41439-1 MSD	821-SW-1	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 888202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	353.2-1993 R2.0	
752-41439-2	821-SW-2	Total/NA	Water	353.2-1993 R2.0	

General Chemistry (Continued)

Analysis Batch: 888202 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-3	821-SW-3	Total/NA	Water	353.2-1993 R2.0	
752-41439-4	821-SW-4	Total/NA	Water	353.2-1993 R2.0	
752-41439-5	821-SW-5	Total/NA	Water	353.2-1993 R2.0	
752-41439-6	821-SW-6	Total/NA	Water	353.2-1993 R2.0	
752-41439-7	821-SW-7	Total/NA	Water	353.2-1993 R2.0	
752-41439-8	821-SW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-888202/19	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888202/20	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-41439-1 MS	821-SW-1	Total/NA	Water	353.2-1993 R2.0	
752-41439-1 MSD	821-SW-1	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 888225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41439-1	821-SW-1	Total/NA	Water	Nitrate by calc	
752-41439-2	821-SW-2	Total/NA	Water	Nitrate by calc	
752-41439-3	821-SW-3	Total/NA	Water	Nitrate by calc	
752-41439-4	821-SW-4	Total/NA	Water	Nitrate by calc	
752-41439-5	821-SW-5	Total/NA	Water	Nitrate by calc	
752-41439-6	821-SW-6	Total/NA	Water	Nitrate by calc	
752-41439-7	821-SW-7	Total/NA	Water	Nitrate by calc	
752-41439-8	821-SW-Dup	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-1
Lab Sample ID: 752-41439-1
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 19:13
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 20:24
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 20:24
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:36
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113033	GR	EET ATL	02/09/26 17:00
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:22
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:09
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:34
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:36

Client Sample ID: 821-SW-2
Lab Sample ID: 752-41439-2
Date Collected: 01/28/26 11:45
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 16:43
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 20:54
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 20:54
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:38
Total/NA	Prep	7470A			111600	KB	EET ATL	02/03/26 18:11
Total/NA	Analysis	7470A		1	111882	GR	EET ATL	02/03/26 22:33
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:24
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:10
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:44
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:37

Client Sample ID: 821-SW-3
Lab Sample ID: 752-41439-3
Date Collected: 01/28/26 12:30
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 15:53
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 21:25

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-3
Lab Sample ID: 752-41439-3
Date Collected: 01/28/26 12:30
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 21:25
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:41
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:03
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:56
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:10
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:47
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:38

Client Sample ID: 821-SW-4
Lab Sample ID: 752-41439-4
Date Collected: 01/28/26 13:15
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 17:58
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 21:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 21:55
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:44
Total/NA	Prep	7470A			111600	KB	EET ATL	02/03/26 18:11
Total/NA	Analysis	7470A		1	111882	GR	EET ATL	02/03/26 22:40
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:01
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:11
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:49
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:39

Client Sample ID: 821-SW-5
Lab Sample ID: 752-41439-5
Date Collected: 01/28/26 14:00
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 18:23
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 22:25
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 22:25
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 07:29

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-5
Lab Sample ID: 752-41439-5
Date Collected: 01/28/26 14:00
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:06
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:03
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:12
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:51
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:39

Client Sample ID: 821-SW-6
Lab Sample ID: 752-41439-6
Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 18:48
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 22:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 22:55
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 07:31
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:10
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:05
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:13
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:53
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:40

Client Sample ID: 821-SW-7
Lab Sample ID: 752-41439-7
Date Collected: 01/28/26 15:30
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 19:38
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 23:25
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 23:25
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 07:34
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:13
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:07

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

Client Sample ID: 821-SW-7
Lab Sample ID: 752-41439-7
Date Collected: 01/28/26 15:30
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:14
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 13:55
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:40

Client Sample ID: 821-SW-Dup
Lab Sample ID: 752-41439-8
Date Collected: 01/28/26 13:15
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 20:04
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 23:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 23:55
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	112856	IF	EET ATL	02/07/26 16:08
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 07:37
Total/NA	Prep	7470A			111600	KB	EET ATL	02/03/26 18:11
Total/NA	Analysis	7470A		1	111882	GR	EET ATL	02/03/26 23:04
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:08
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:17
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:01
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:41

Client Sample ID: Trip Blank
Lab Sample ID: 752-41439-9
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 18:23

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: 752-41439-1
Project/Site: East Durham Park

Laboratory: Eurofins Raleigh

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

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

Laboratory: Eurofins Atlanta

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

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

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

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

Laboratory: Eurofins Pensacola

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

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

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

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

Laboratory: Eurofins Savannah

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

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

Method Summary

Client: S&ME Inc
Job ID: 752-41439-1
Project/Site: East Durham Park

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 Durham Park

Job ID: 752-41439-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41439-1	821-SW-1	Water	01/28/26 11:00	01/28/26 16:52	North Carolina
752-41439-2	821-SW-2	Water	01/28/26 11:45	01/28/26 16:52	North Carolina
752-41439-3	821-SW-3	Water	01/28/26 12:30	01/28/26 16:52	North Carolina
752-41439-4	821-SW-4	Water	01/28/26 13:15	01/28/26 16:52	North Carolina
752-41439-5	821-SW-5	Water	01/28/26 14:00	01/28/26 16:52	North Carolina
752-41439-6	821-SW-6	Water	01/28/26 14:45	01/28/26 16:52	North Carolina
752-41439-7	821-SW-7	Water	01/28/26 15:30	01/28/26 16:52	North Carolina
752-41439-8	821-SW-Dup	Water	01/28/26 13:15	01/28/26 16:52	North Carolina
752-41439-9	Trip Blank	Water	01/28/26 11:00	01/28/26 16:52	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Brandon Governo	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170209-59869.1
Client Contact: Jerry Paul	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BI			
Email: jpaul@smeinc.com	WO #:			
Project Name: East Durham Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-41439 COC

Initial Temperature: 3.1 °C
Correction Factor: -0.3°C
Corrected Temperature: 2.8 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate							Total	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N								
821-SW-1	1-28-26	1100	G	W	N	N	X	X	X	X	X	X	X							13	
821-SW-2		1145																			
821-SW-3		1230																			
821-SW-4		1315																			
821-SW-5		1400																			
821-SW-6		1445																			
821-SW-7		1530																			
821-SW-DUP		1315																			
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:	Company	Received by:	Date/Time:	Company
		1-28-26 1645	S&ME	PG	1/28/26 16:52	
	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: 752-7839 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 #: 752-41439-1
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 Durham 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:								
821-SW-1 (752-41439-1)	1/28/26	11 00 Eastern	G	Water			X	X	X		
821-SW-2 (752-41439-2)	1/28/26	11 45 Eastern	G	Water			X	X	X		
821-SW-3 (752-41439-3)	1/28/26	12 30 Eastern	G	Water			X	X	X		
821-SW-4 (752-41439-4)	1/28/26	13 15 Eastern	G	Water			X	X	X		
821-SW-5 (752-41439-5)	1/28/26	14.00 Eastern	G	Water			X	X	X		
821-SW-6 (752-41439-6)	1/28/26	14 45 Eastern	G	Water			X	X	X		
821-SW-7 (752-41439-7)	1/28/26	15 30 Eastern	G	Water			X	X	X		
821-SW-Dup (752-41439-8)	1/28/26	13.15 Eastern	G	Water			X	X	X		

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		1/28/26 1700			1/30/26 1039	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 1.8 1.8

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: 752-7840 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 #: 752-41439-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/6/2026			
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 Durham 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:							
821-SW-1 (752-41439-1)	1/28/26	11 00 Eastern	G	Water			X	X	1	
821-SW-2 (752-41439-2)	1/28/26	11 45 Eastern	G	Water			X	X	1	
821-SW-3 (752-41439-3)	1/28/26	12.30 Eastern	G	Water			X	X	1	
821-SW-4 (752-41439-4)	1/28/26	13 15 Eastern	G	Water			X	X	1	
821-SW-5 (752-41439-5)	1/28/26	14 00 Eastern	G	Water			X	X	1	
821-SW-6 (752-41439-6)	1/28/26	14 45 Eastern	G	Water			X	X	1	
821-SW-7 (752-41439-7)	1/28/26	15 30 Eastern	G	Water			X	X	1	
821-SW-Dup (752-41439-8)	1/28/26	13 15 Eastern	G	Water			X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	1/29/26 1500			1/30/26 1135	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		1.6/1.6

Ver 10/10/2024

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7837 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 #: 752-41439-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/6/2026			
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 Durham Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
821-SW-1 (752-41439-1)	1/28/26	11 00 Eastern	G	Water			X	X	X	4	
821-SW-2 (752-41439-2)	1/28/26	11 45 Eastern	G	Water			X	X	X	4	
821-SW-3 (752-41439-3)	1/28/26	12 30 Eastern	G	Water			X	X	X	4	
821-SW-4 (752-41439-4)	1/28/26	13 15 Eastern	G	Water			X	X	X	4	
821-SW-5 (752-41439-5)	1/28/26	14 00 Eastern	G	Water			X	X	X	4	
821-SW-6 (752-41439-6)	1/28/26	14 45 Eastern	G	Water			X	X	X	4	
821-SW-7 (752-41439-7)	1/28/26	15 30 Eastern	G	Water			X	X	X	4	
821-SW-Dup (752-41439-8)	1/28/26	13 15 Eastern	G	Water			X	X	X	4	
Trip Blank (752-41439-9)	1/28/26	11 00 Eastern	G	Water					X	2	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
DR	1/29/26 1545		Dalton Cay	1-30-26 1120	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		1.2 #2927

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41439-1

Login Number: 41439

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: 752-41439-1

Login Number: 41439
List Number: 4
Creator: Gay, Dalton

List Source: Eurofins Atlanta
List Creation: 01/30/26 06:45 PM

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

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41439-1

Login Number: 41439
List Number: 3
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 01/30/26 01:24 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	1.8°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	No 250ml amber jars, they only sent the plastics.
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: 752-41439-1

Login Number: 41439
List Number: 2
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 01/30/26 11:52 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/12/2026 4:44:33 PM

JOB DESCRIPTION

East Durham Park

JOB NUMBER

752-41441-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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2/12/2026 4:44:33 PM

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

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

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
752-41441-1

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 1/28/2026 4:52 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 705-113128 recovered outside control limits for the following analyte: Hexachlorobutadiene. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte was recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect this compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: The following sample was diluted due to the nature of the sample matrix: 821-SED-7 (752-41441-7). 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.

GC/MS Semi VOA
Method 8270E: The method blank for preparation batch 400-737888 and analytical batch 400-738020 contained Bis(2-ethylhexyl) phthalate above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: Surrogate recovery for the following sample was outside the upper control limit: (MB 400-737888/1-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E: The laboratory control sample (LCS) for preparation batch 400-737888 and analytical batch 400-738175 recovered outside control limits for the following analytes: 1,1'-Biphenyl, 2-Methylphenol, 3 & 4 Methylphenol, 4-Bromophenyl phenyl ether, 4-Chloro-3-methylphenol, Acetophenone, bis (2-chloroisopropyl) ether, Bis(2-chloroethyl)ether, Hexachlorobenzene, Hexachlorobutadiene, Hexachloroethane, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and Phenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LCS 400-737888/2-A). These results have been reported and qualified.

Method 8270E: Surrogate recovery for the following samples were outside the upper control limit: 821-SED-2 (752-41441-2), 821-SED-4 (752-41441-4), 821-SED-5 (752-41441-5), 821-SED-6 (752-41441-6) and 821-SED-7 (752-41441-7). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E: The laboratory control sample (LCS) for preparation batch 400-738378 and analytical batch 400-738421 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 SIM ID: The following samples were diluted due to the nature of the sample matrix: 821-SED-1 (752-41441-1), 821-SED-2 (752-41441-2), 821-SED-3 (752-41441-3), 821-SED-4 (752-41441-4), 821-SED-5 (752-41441-5), 821-SED-6

(752-41441-6), 821-SED-7 (752-41441-7), (752-41441-E-1-D MS) and (752-41441-E-1-E MSD). Elevated reporting limits (RLs) are provided.

Method 8270E SIM ID: The following sample was diluted due to the nature of the sample matrix: 821-SED-Dup (752-41441-8). Elevated reporting limits (RLs) are provided.

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

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 705-111362 and analytical batch 705-112222 contained Barium and Copper above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, digestion and/or re-analysis of samples was not performed.

Method 6020B: The followings sample was analyzed at a dilution due to the Matrix Conductivity Threshold (MCT) of the instrument: 821-SED-3 (752-41441-3). The reporting limits have been adjusted accordingly.

Method 6020B: The method blank for preparation batch 705-112177 and analytical batch 705-112824 contained Barium and Nickel above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: 821-SED-Dup (752-41441-8). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-1 — Lab Sample ID: 752-41441-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00377		0.00296	0.00296	mg/Kg	2	☼	8270E SIM ID	Total/NA
2,4-Dinitrophenol	0.148	J	1.18	0.0395	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0568	J F1	0.395	0.00167	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.335	J F1 B	0.395	0.120	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.105	J F1	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0457	J F1	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0817	J F1	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0508	J F1	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0703	J F1	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	0.979	J	3.12	0.905	mg/Kg	1	☼	9056A	Soluble
Sulfate	23.3		12.5	12.2	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.335	J	0.389	0.0347	mg/Kg	5	☼	6020B	Total/NA
Barium	10.2	B	1.62	0.00918	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0601	J	0.324	0.0227	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0750	J	0.324	0.0106	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.81		0.649	0.134	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.66		0.487	0.0184	mg/Kg	5	☼	6020B	Total/NA
Copper	9.08	B	0.324	0.0337	mg/Kg	5	☼	6020B	Total/NA
Lead	8.70		0.324	0.0383	mg/Kg	5	☼	6020B	Total/NA
Manganese	61.8		0.649	0.0399	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.36		0.649	0.0170	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.180	J	1.62	0.115	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0159	J	0.162	0.00188	mg/Kg	5	☼	6020B	Total/NA
Vanadium	8.99		0.649	0.0814	mg/Kg	5	☼	6020B	Total/NA
Zinc	34.9		1.62	1.35	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 821-SED-2 — Lab Sample ID: 752-41441-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00346		0.00292	0.00292	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0163	J	0.396	0.00168	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.163	J B	0.396	0.120	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	0.988	J	3.06	0.888	mg/Kg	1	☼	9056A	Soluble
Sulfate	12.0	J	12.3	12.0	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.318	J	0.376	0.0335	mg/Kg	5	☼	6020B	Total/NA
Barium	10.6	B	1.57	0.00887	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0529	J	0.313	0.0220	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0660	J	0.313	0.0102	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.41		0.627	0.129	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.98		0.470	0.0177	mg/Kg	5	☼	6020B	Total/NA
Copper	11.3	B	0.313	0.0326	mg/Kg	5	☼	6020B	Total/NA
Lead	8.61		0.313	0.0370	mg/Kg	5	☼	6020B	Total/NA
Manganese	43.3		0.627	0.0385	mg/Kg	5	☼	6020B	Total/NA
Nickel	6.73		0.627	0.0164	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.218	J	1.57	0.111	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0157	J	0.157	0.00182	mg/Kg	5	☼	6020B	Total/NA
Vanadium	8.45		0.627	0.0787	mg/Kg	5	☼	6020B	Total/NA
Zinc	29.5		1.57	1.30	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-3 — Lab Sample ID: 752-41441-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.0122		0.00808	0.00808	mg/Kg	5	☼	8270E SIM ID	Total/NA
3 & 4 Methylphenol	0.0510	J *+	0.893	0.0447	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.160	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.133	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.126	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.219	J	0.447	0.00189	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.131	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0621	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.215	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.366	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.100	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.455		0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.420	J	0.447	0.0447	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.06	J	3.35	0.971	mg/Kg	1	☼	9056A	Soluble
Sulfate	15.3		13.4	13.1	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.687	J	0.842	0.0751	mg/Kg	10	☼	6020B	Total/NA
Barium	12.2	B	1.76	0.00993	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0737	J	0.351	0.0246	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0749	J	0.351	0.0114	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.38		0.702	0.145	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.73		0.527	0.0199	mg/Kg	5	☼	6020B	Total/NA
Copper	9.42	B	0.351	0.0365	mg/Kg	5	☼	6020B	Total/NA
Lead	12.2		0.351	0.0414	mg/Kg	5	☼	6020B	Total/NA
Manganese	44.3		0.702	0.0432	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.66		0.702	0.0184	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.177	J	1.76	0.125	mg/Kg	5	☼	6020B	Total/NA
Silver	0.118	J	0.176	0.00204	mg/Kg	5	☼	6020B	Total/NA
Vanadium	6.64		0.702	0.0881	mg/Kg	5	☼	6020B	Total/NA
Zinc	34.9		1.76	1.46	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 821-SED-4 — Lab Sample ID: 752-41441-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00948		0.00741	0.00741	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0460	J	0.393	0.00167	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.392	J B	0.393	0.119	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0504	J	0.393	0.0393	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0470	J	0.393	0.0393	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	0.964	J	3.06	0.888	mg/Kg	1	☼	9056A	Soluble
Antimony	0.186	J	0.628	0.144	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.10		0.754	0.0672	mg/Kg	10	☼	6020B	Total/NA
Barium	33.1	B	1.57	0.00889	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.117	J	0.314	0.0220	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.125	J	0.314	0.0102	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.95		0.628	0.129	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.23		0.471	0.0178	mg/Kg	5	☼	6020B	Total/NA
Copper	19.7	B	0.314	0.0327	mg/Kg	5	☼	6020B	Total/NA
Lead	25.2		0.314	0.0371	mg/Kg	5	☼	6020B	Total/NA
Manganese	102		0.628	0.0387	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.12		0.628	0.0164	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.169	J	1.57	0.112	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 821-SED-4 (Continued) — Lab Sample ID: 752-41441-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.0661	J	0.157	0.00182	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.12		0.628	0.0789	mg/Kg	5	☼	6020B	Total/NA
Zinc	63.9		1.57	1.30	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 821-SED-5 — Lab Sample ID: 752-41441-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0695	J	0.212	0.0468	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00772		0.00763	0.00763	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0387	J	0.417	0.00177	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.208	J B	0.417	0.126	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0417	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.07	J	3.19	0.924	mg/Kg	1	☼	9056A	Soluble
Sulfate	13.7		12.7	12.5	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.841		0.398	0.0355	mg/Kg	5	☼	6020B	Total/NA
Barium	14.1	B	1.66	0.00938	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.119	J	0.331	0.0232	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0966	J	0.331	0.0108	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.47		0.663	0.137	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.22		0.497	0.0188	mg/Kg	5	☼	6020B	Total/NA
Copper	81.5	B	0.331	0.0345	mg/Kg	5	☼	6020B	Total/NA
Lead	16.5		0.331	0.0391	mg/Kg	5	☼	6020B	Total/NA
Manganese	131		0.663	0.0408	mg/Kg	5	☼	6020B	Total/NA
Nickel	4.56		0.663	0.0173	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.224	J	1.66	0.118	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0221	J	0.166	0.00192	mg/Kg	5	☼	6020B	Total/NA
Vanadium	10.4		0.663	0.0832	mg/Kg	5	☼	6020B	Total/NA
Zinc	42.4		1.66	1.38	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 821-SED-6 — Lab Sample ID: 752-41441-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00884		0.00756	0.00756	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0187	J	0.399	0.00169	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.190	J B	0.399	0.121	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.120	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.06	J	3.21	0.932	mg/Kg	1	☼	9056A	Soluble
Antimony	0.204	J	0.652	0.149	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.587		0.391	0.0349	mg/Kg	5	☼	6020B	Total/NA
Barium	11.1	B	1.63	0.00923	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.100	J	0.326	0.0229	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.117	J	0.326	0.0106	mg/Kg	5	☼	6020B	Total/NA
Chromium	6.61		0.652	0.134	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.48		0.489	0.0185	mg/Kg	5	☼	6020B	Total/NA
Copper	10.9	B	0.326	0.0339	mg/Kg	5	☼	6020B	Total/NA
Lead	46.5		0.326	0.0385	mg/Kg	5	☼	6020B	Total/NA
Manganese	49.6		0.652	0.0401	mg/Kg	5	☼	6020B	Total/NA
Nickel	4.08		0.652	0.0171	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.218	J	1.63	0.116	mg/Kg	5	☼	6020B	Total/NA
Silver	0.134	J	0.163	0.00189	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.14		0.652	0.0819	mg/Kg	5	☼	6020B	Total/NA
Zinc	66.6		1.63	1.35	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-7 — Lab Sample ID: 752-41441-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.18	J	8.19	1.81	mg/Kg	50	☼	8260D	Total/NA
2-Butanone (MEK)	9.28		4.09	0.455	mg/Kg	50	☼	8260D	Total/NA
1,4-Dioxane	0.00407		0.00307	0.00307	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0110	J	0.412	0.00175	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.188	J B	0.412	0.125	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0863	J	0.412	0.0412	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.01	J	3.23	0.938	mg/Kg	1	☼	9056A	Soluble
Sulfate	19.2		12.9	12.7	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.385	J	0.400	0.0356	mg/Kg	5	☼	6020B	Total/NA
Barium	47.3	B	1.67	0.00943	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0687	J	0.333	0.0234	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0673	J	0.333	0.0109	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.95		0.666	0.137	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.88		0.500	0.0189	mg/Kg	5	☼	6020B	Total/NA
Copper	7.31	B	0.333	0.0346	mg/Kg	5	☼	6020B	Total/NA
Lead	14.1		0.333	0.0393	mg/Kg	5	☼	6020B	Total/NA
Manganese	71.7		0.666	0.0410	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.10		0.666	0.0174	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.126	J	1.67	0.118	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0168	J	0.167	0.00193	mg/Kg	5	☼	6020B	Total/NA
Vanadium	5.90		0.666	0.0836	mg/Kg	5	☼	6020B	Total/NA
Zinc	38.2		1.67	1.38	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 821-SED-Dup — Lab Sample ID: 752-41441-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0599	J	0.166	0.0368	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00213	J	0.00832	0.00163	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00357		0.00271	0.00271	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0376	J	0.338	0.00143	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0447	J	0.338	0.0338	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0423	J	0.338	0.0338	mg/Kg	1	☼	8270E	Total/NA
Sulfate	19.5		11.9	11.7	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.698	J	1.44	0.129	mg/Kg	20	☼	6020B	Total/NA
Barium	12.9	B	1.50	0.00851	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0866	J	0.301	0.0211	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.126	J	0.301	0.00981	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.58		0.602	0.124	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.88		0.451	0.0170	mg/Kg	5	☼	6020B	Total/NA
Copper	8.25		0.301	0.0313	mg/Kg	5	☼	6020B	Total/NA
Lead	13.1		0.301	0.0355	mg/Kg	5	☼	6020B	Total/NA
Manganese	42.1		0.602	0.0370	mg/Kg	5	☼	6020B	Total/NA
Nickel	4.67	B	0.602	0.0157	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.147	J	1.50	0.107	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0376	J	0.150	0.00174	mg/Kg	5	☼	6020B	Total/NA
Vanadium	6.30		0.602	0.0755	mg/Kg	5	☼	6020B	Total/NA
Zinc	39.1		1.50	1.25	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.164	J	1.09	0.109	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-41441-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-1
Lab Sample ID: 752-41441-1
Date Collected: 01/28/26 11:00
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.175	0.0386	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Benzene	ND		0.00874	0.00132	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Bromobenzene	ND		0.00874	0.00165	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Bromoform	ND		0.00874	0.00371	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Bromomethane	ND		0.00874	0.00344	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
2-Butanone (MEK)	ND		0.0874	0.00972	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Carbon disulfide	ND		0.0175	0.00448	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Carbon tetrachloride	ND		0.00874	0.00166	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Chlorobenzene	ND		0.00874	0.00147	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Chlorobromomethane	ND		0.00874	0.00210	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Chlorodibromomethane	ND		0.00874	0.00139	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Chloroethane	ND		0.0175	0.00330	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Chloroform	ND		0.00874	0.00169	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Chloromethane	ND		0.0175	0.00259	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
2-Chlorotoluene	ND		0.00874	0.00189	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
4-Chlorotoluene	ND		0.00874	0.00191	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
cis-1,2-Dichloroethene	ND		0.00874	0.00210	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
cis-1,3-Dichloropropene	ND		0.00874	0.00205	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2-Dibromo-3-Chloropropane	ND		0.00874	0.00360	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Dibromomethane	ND		0.00874	0.00177	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2-Dichlorobenzene	ND		0.00874	0.00189	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,3-Dichlorobenzene	ND		0.00874	0.00139	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,4-Dichlorobenzene	ND		0.00874	0.00203	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Dichlorobromomethane	ND		0.00874	0.00164	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1-Dichloroethane	ND		0.00874	0.00158	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2-Dichloroethane	ND		0.00874	0.00212	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1-Dichloroethene	ND		0.00874	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2-Dichloropropane	ND		0.00874	0.00120	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,3-Dichloropropane	ND		0.00874	0.00201	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
2,2-Dichloropropane	ND		0.00874	0.00203	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1-Dichloropropene	ND		0.00874	0.00178	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Ethyl acetate	ND		0.0874	0.0874	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Ethylbenzene	ND		0.00874	0.00187	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Ethylene Dibromide	ND		0.00874	0.00153	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Hexachlorobutadiene	ND		0.00874	0.00280	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Hexane	ND		0.0175	0.0175	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
2-Hexanone	ND		0.0175	0.0129	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Iodomethane	ND		0.0175	0.00334	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Isopropylbenzene	ND		0.00874	0.00257	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Isopropyl ether	ND		0.0175	0.0175	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
4-Isopropyltoluene	ND		0.00874	0.00594	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Methylene Chloride	ND		0.0350	0.00983	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
4-Methyl-2-pentanone (MIBK)	ND		0.0175	0.00570	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Methyl tert-butyl ether	ND		0.00874	0.00306	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
m-Xylene & p-Xylene	ND		0.0175	0.00379	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Naphthalene	ND		0.00874	0.00673	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
n-Butylbenzene	ND		0.00874	0.00308	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
n-Heptane	ND		0.0175	0.0175	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
N-Propylbenzene	ND		0.00874	0.00182	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-1
Date Collected: 01/28/26 11:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-1
Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00874	0.00231	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
sec-Butylbenzene	ND		0.00874	0.00199	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Styrene	ND		0.00874	0.00444	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
tert-Butylbenzene	ND		0.00874	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1,1,2-Tetrachloroethane	ND		0.00874	0.00173	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1,2,2-Tetrachloroethane	ND		0.00874	0.00227	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Tetrachloroethene	ND		0.00874	0.00142	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Toluene	ND		0.00874	0.00172	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
trans-1,4-Dichloro-2-butene	ND		0.0175	0.00881	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
trans-1,2-Dichloroethene	ND		0.00874	0.00212	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
trans-1,3-Dichloropropene	ND		0.00874	0.00180	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2,3-Trichlorobenzene	ND		0.00874	0.00456	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2,4-Trichlorobenzene	ND		0.00874	0.00351	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1,1-Trichloroethane	ND		0.00874	0.00252	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1,2-Trichloroethane	ND		0.00874	0.00157	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Trichloroethene	ND		0.00874	0.00121	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Trichlorofluoromethane	ND		0.00874	0.00330	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2,3-Trichloropropane	ND		0.00874	0.00234	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0175	0.00174	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,2,4-Trimethylbenzene	ND		0.00874	0.00205	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
1,3,5-Trimethylbenzene	ND		0.00874	0.00217	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Vinyl acetate	ND		0.0175	0.00581	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Vinyl chloride	ND		0.0175	0.00289	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1
Xylenes, Total	ND		0.00874	0.00231	mg/Kg	☼	02/08/26 11:40	02/10/26 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*02/08/26 11:40*	*02/10/26 02:23*	*1*
Dibromofluoromethane	*107*		*80 - 119*	*02/08/26 11:40*	*02/10/26 02:23*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*	*02/08/26 11:40*	*02/10/26 02:23*	*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	**0.00377**		0.00296	0.00296	mg/Kg	☼	01/30/26 13:04	02/03/26 00:03	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*44*		*10 - 150*	*01/30/26 13:04*	*02/03/26 00:03*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	*+	0.395	0.0115	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,4,5-Trichlorophenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,4,6-Trichlorophenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,4-Dichlorophenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,4-Dimethylphenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,4-Dinitrophenol	**0.148**	**J**	1.18	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,4-Dinitrotoluene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2,6-Dinitrotoluene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2-Chloronaphthalene	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2-Chlorophenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2-Methylnaphthalene	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2-Methylphenol	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1

Client Sample ID: 821-SED-1 | **Lab Sample ID: 752-41441-1**
Date Collected: 01/28/26 11:00 | **Matrix: Solid**
Date Received: 01/28/26 16:52 | **Percent Solids: 80.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
2-Nitrophenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
3 & 4 Methylphenol	ND	F1 *+	0.789	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
3,3'-Dichlorobenzidine	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
3-Nitroaniline	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4,6-Dinitro-2-methylphenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4-Bromophenyl phenyl ether	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4-Chloro-3-methylphenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4-Chloroaniline	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4-Chlorophenyl phenyl ether	ND	*+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4-Nitroaniline	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
4-Nitrophenol	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Acenaphthene	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Acenaphthylene	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Acetophenone	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Anthracene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Atrazine	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Benzaldehyde	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Benzo[a]anthracene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Benzo[a]pyrene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Benzo[b]fluoranthene	**0.0568**	**J F1**	0.395	0.00167	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Benzo[g,h,i]perylene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Benzo[k]fluoranthene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
bis (2-chloroisopropyl) ether	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Bis(2-chloroethoxy)methane	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Bis(2-chloroethyl)ether	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Bis(2-ethylhexyl) phthalate	**0.335**	**J F1 B**	0.395	0.120	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Butyl benzyl phthalate	**0.105**	**J F1**	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Caprolactam	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Carbazole	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Chrysene	**0.0457**	**J F1**	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Dibenz(a,h)anthracene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Dibenzofuran	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Diethyl phthalate	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Dimethyl phthalate	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Di-n-butyl phthalate	ND	F1	1.18	0.359	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Di-n-octyl phthalate	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Fluoranthene	**0.0817**	**J F1**	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Fluorene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Hexachlorobenzene	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Hexachlorobutadiene	ND	*+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Hexachlorocyclopentadiene	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Hexachloroethane	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Indeno[1,2,3-cd]pyrene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Isophorone	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Naphthalene	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Nitrobenzene	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
N-Nitrosodi-n-propylamine	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
N-Nitrosodiphenylamine	ND	F1	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1

Client Sample ID: 821-SED-1

Date Collected: 01/28/26 11:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-1

Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Phenanthrene	**0.0508**	**J F1**	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Phenol	ND	F1 *+	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1
Pyrene	**0.0703**	**J F1**	0.395	0.0395	mg/Kg	☼	01/30/26 13:02	02/05/26 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*40 - 140*	*01/30/26 13:02*	*02/05/26 14:18*	*1*
2-Fluorobiphenyl (Surr)	*93*		*40 - 140*	*01/30/26 13:02*	*02/05/26 14:18*	*1*
2-Fluorophenol (Surr)	*105*		*40 - 140*	*01/30/26 13:02*	*02/05/26 14:18*	*1*
Nitrobenzene-d5 (Surr)	*112*		*40 - 140*	*01/30/26 13:02*	*02/05/26 14:18*	*1*
Phenol-d5 (Surr)	*99*		*40 - 140*	*01/30/26 13:02*	*02/05/26 14:18*	*1*
Terphenyl-d14 (Surr)	*100*		*40 - 140*	*01/30/26 13:02*	*02/05/26 14:18*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.979**	**J**	3.12	0.905	mg/Kg	☼		02/03/26 01:03	1
Sulfate	**23.3**		12.5	12.2	mg/Kg	☼		02/03/26 01:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.649	0.148	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Arsenic	**0.335**	**J**	0.389	0.0347	mg/Kg	☼	02/02/26 10:10	02/05/26 19:18	5
Barium	**10.2**	**B**	1.62	0.00918	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Beryllium	**0.0601**	**J**	0.324	0.0227	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Cadmium	**0.0750**	**J**	0.324	0.0106	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Chromium	**3.81**		0.649	0.134	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Cobalt	**2.66**		0.487	0.0184	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Copper	**9.08**	**B**	0.324	0.0337	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Lead	**8.70**		0.324	0.0383	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Manganese	**61.8**		0.649	0.0399	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Nickel	**9.36**		0.649	0.0170	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Selenium	**0.180**	**J**	1.62	0.115	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Silver	**0.0159**	**J**	0.162	0.00188	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Thallium	ND		0.454	0.0274	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Vanadium	**8.99**		0.649	0.0814	mg/Kg	☼	02/02/26 10:10	02/04/26 21:47	5
Zinc	**34.9**		1.62	1.35	mg/Kg	☼	02/02/26 10:10	02/05/26 19:18	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	☼	02/03/26 15:30	02/04/26 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND	F1 F2	1.19	0.119	mg/Kg	☼	02/02/26 09:29	02/04/26 16:53	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.23	0.392	mg/Kg	☼		02/06/26 11:49	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-2
Date Collected: 01/28/26 11:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-2
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.195	0.0430	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Benzene	ND		0.00973	0.00147	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Bromobenzene	ND		0.00973	0.00183	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Bromoform	ND		0.00973	0.00412	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Bromomethane	ND		0.00973	0.00383	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
2-Butanone (MEK)	ND		0.0973	0.0108	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Carbon disulfide	ND		0.0195	0.00498	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Carbon tetrachloride	ND		0.00973	0.00184	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Chlorobenzene	ND		0.00973	0.00163	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Chlorobromomethane	ND		0.00973	0.00233	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Chlorodibromomethane	ND		0.00973	0.00155	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Chloroethane	ND		0.0195	0.00368	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Chloroform	ND		0.00973	0.00188	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Chloromethane	ND		0.0195	0.00288	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
2-Chlorotoluene	ND		0.00973	0.00210	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
4-Chlorotoluene	ND		0.00973	0.00212	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
cis-1,2-Dichloroethene	ND		0.00973	0.00233	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
cis-1,3-Dichloropropene	ND		0.00973	0.00228	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2-Dibromo-3-Chloropropane	ND		0.00973	0.00401	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Dibromomethane	ND		0.00973	0.00196	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2-Dichlorobenzene	ND		0.00973	0.00210	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,3-Dichlorobenzene	ND		0.00973	0.00155	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,4-Dichlorobenzene	ND		0.00973	0.00226	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Dichlorobromomethane	ND		0.00973	0.00182	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1-Dichloroethane	ND		0.00973	0.00176	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2-Dichloroethane	ND		0.00973	0.00235	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1-Dichloroethene	ND		0.00973	0.00231	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2-Dichloropropane	ND		0.00973	0.00133	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,3-Dichloropropane	ND		0.00973	0.00224	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
2,2-Dichloropropane	ND		0.00973	0.00226	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1-Dichloropropene	ND		0.00973	0.00198	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Ethyl acetate	ND		0.0973	0.0973	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Ethylbenzene	ND		0.00973	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Ethylene Dibromide	ND		0.00973	0.00170	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Hexachlorobutadiene	ND		0.00973	0.00311	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Hexane	ND		0.0195	0.0195	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
2-Hexanone	ND		0.0195	0.0143	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Iodomethane	ND		0.0195	0.00372	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Isopropylbenzene	ND		0.00973	0.00286	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Isopropyl ether	ND		0.0195	0.0195	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
4-Isopropyltoluene	ND		0.00973	0.00661	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Methylene Chloride	ND		0.0389	0.0109	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
4-Methyl-2-pentanone (MIBK)	ND		0.0195	0.00634	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Methyl tert-butyl ether	ND		0.00973	0.00340	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
m-Xylene & p-Xylene	ND		0.0195	0.00422	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Naphthalene	ND		0.00973	0.00749	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
n-Butylbenzene	ND		0.00973	0.00342	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
n-Heptane	ND		0.0195	0.0195	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
N-Propylbenzene	ND		0.00973	0.00202	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1

Client Sample ID: 821-SED-2
Date Collected: 01/28/26 11:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-2
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00973	0.00257	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
sec-Butylbenzene	ND		0.00973	0.00222	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Styrene	ND		0.00973	0.00494	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
tert-Butylbenzene	ND		0.00973	0.00231	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1,1,2-Tetrachloroethane	ND		0.00973	0.00192	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1,2,2-Tetrachloroethane	ND		0.00973	0.00253	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Tetrachloroethene	ND		0.00973	0.00158	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Toluene	ND		0.00973	0.00191	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
trans-1,4-Dichloro-2-butene	ND		0.0195	0.00980	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
trans-1,2-Dichloroethene	ND		0.00973	0.00235	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
trans-1,3-Dichloropropene	ND		0.00973	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2,3-Trichlorobenzene	ND		0.00973	0.00508	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2,4-Trichlorobenzene	ND		0.00973	0.00391	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1,1-Trichloroethane	ND		0.00973	0.00280	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1,2-Trichloroethane	ND		0.00973	0.00175	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Trichloroethene	ND		0.00973	0.00135	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Trichlorofluoromethane	ND		0.00973	0.00368	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2,3-Trichloropropane	ND		0.00973	0.00261	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0195	0.00193	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,2,4-Trimethylbenzene	ND		0.00973	0.00228	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
1,3,5-Trimethylbenzene	ND		0.00973	0.00241	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Vinyl acetate	ND		0.0195	0.00646	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Vinyl chloride	ND		0.0195	0.00321	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1
Xylenes, Total	ND		0.00973	0.00257	mg/Kg	☼	02/08/26 11:40	02/10/26 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*02/08/26 11:40*	*02/10/26 02:47*	*1*
Dibromofluoromethane	*111*		*80 - 119*	*02/08/26 11:40*	*02/10/26 02:47*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 11:40*	*02/10/26 02:47*	*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	**0.00346**		0.00292	0.00292	mg/Kg	☼	01/30/26 13:04	02/03/26 00:24	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*45*		*10 - 150*	*01/30/26 13:04*	*02/03/26 00:24*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	*+	0.396	0.0115	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,4,5-Trichlorophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,4,6-Trichlorophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,4-Dichlorophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,4-Dimethylphenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,4-Dinitrophenol	ND		1.19	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,4-Dinitrotoluene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2,6-Dinitrotoluene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2-Chloronaphthalene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2-Chlorophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2-Methylnaphthalene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2-Methylphenol	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1

Client Sample ID: 821-SED-2
Lab Sample ID: 752-41441-2
Date Collected: 01/28/26 11:45
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
2-Nitrophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
3 & 4 Methylphenol	ND	*+	0.791	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
3,3'-Dichlorobenzidine	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
3-Nitroaniline	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4,6-Dinitro-2-methylphenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4-Bromophenyl phenyl ether	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4-Chloro-3-methylphenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4-Chloroaniline	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4-Chlorophenyl phenyl ether	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4-Nitroaniline	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
4-Nitrophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Acenaphthene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Acenaphthylene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Acetophenone	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Anthracene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Atrazine	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Benzaldehyde	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Benzo[a]anthracene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Benzo[a]pyrene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Benzo[b]fluoranthene	**0.0163**	**J**	0.396	0.00168	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Benzo[g,h,i]perylene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Benzo[k]fluoranthene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
bis (2-chloroisopropyl) ether	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Bis(2-chloroethoxy)methane	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Bis(2-chloroethyl)ether	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Bis(2-ethylhexyl) phthalate	**0.163**	**J B**	0.396	0.120	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Butyl benzyl phthalate	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Caprolactam	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Carbazole	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Chrysene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Dibenz(a,h)anthracene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Dibenzofuran	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Diethyl phthalate	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Dimethyl phthalate	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Di-n-butyl phthalate	ND		1.19	0.360	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Di-n-octyl phthalate	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Fluoranthene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Fluorene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Hexachlorobenzene	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Hexachlorobutadiene	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Hexachlorocyclopentadiene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Hexachloroethane	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Indeno[1,2,3-cd]pyrene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Isophorone	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Naphthalene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Nitrobenzene	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
N-Nitrosodi-n-propylamine	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
N-Nitrosodiphenylamine	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1

Client Sample ID: 821-SED-2

Date Collected: 01/28/26 11:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-2

Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Phenanthrene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Phenol	ND	*+	0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1
Pyrene	ND		0.396	0.0396	mg/Kg	☼	01/30/26 13:02	02/02/26 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*144*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 20:06*	*1*
2-Fluorobiphenyl (Surr)	*133*		*40 - 140*	*01/30/26 13:02*	*02/02/26 20:06*	*1*
2-Fluorophenol (Surr)	*144*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 20:06*	*1*
Nitrobenzene-d5 (Surr)	*163*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 20:06*	*1*
Phenol-d5 (Surr)	*150*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 20:06*	*1*
Terphenyl-d14 (Surr)	*137*		*40 - 140*	*01/30/26 13:02*	*02/02/26 20:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.988**	**J**	3.06	0.888	mg/Kg	☼		02/03/26 01:15	1
Sulfate	**12.0**	**J**	12.3	12.0	mg/Kg	☼		02/03/26 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.627	0.143	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Arsenic	**0.318**	**J**	0.376	0.0335	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Barium	**10.6**	**B**	1.57	0.00887	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Beryllium	**0.0529**	**J**	0.313	0.0220	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Cadmium	**0.0660**	**J**	0.313	0.0102	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Chromium	**4.41**		0.627	0.129	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Cobalt	**1.98**		0.470	0.0177	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Copper	**11.3**	**B**	0.313	0.0326	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Lead	**8.61**		0.313	0.0370	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Manganese	**43.3**		0.627	0.0385	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Nickel	**6.73**		0.627	0.0164	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Selenium	**0.218**	**J**	1.57	0.111	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Silver	**0.0157**	**J**	0.157	0.00182	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Thallium	ND		0.439	0.0264	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Vanadium	**8.45**		0.627	0.0787	mg/Kg	☼	02/02/26 10:10	02/04/26 21:51	5
Zinc	**29.5**		1.57	1.30	mg/Kg	☼	02/02/26 10:10	02/05/26 19:21	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.114	0.0167	mg/Kg	☼	02/03/26 15:30	02/04/26 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.12	0.112	mg/Kg	☼	02/02/26 09:29	02/04/26 17:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.19	0.381	mg/Kg	☼		02/06/26 11:59	1

Client Sample ID: 821-SED-3
Date Collected: 01/28/26 12:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-3
Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.184	0.0407	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Benzene	ND		0.00922	0.00139	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Bromobenzene	ND		0.00922	0.00174	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Bromoform	ND		0.00922	0.00391	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Bromomethane	ND		0.00922	0.00363	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
2-Butanone (MEK)	ND		0.0922	0.0103	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Carbon disulfide	ND		0.0184	0.00472	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Carbon tetrachloride	ND		0.00922	0.00175	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Chlorobenzene	ND		0.00922	0.00155	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Chlorobromomethane	ND		0.00922	0.00221	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Chlorodibromomethane	ND		0.00922	0.00147	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Chloroethane	ND		0.0184	0.00348	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Chloroform	ND		0.00922	0.00179	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Chloromethane	ND		0.0184	0.00273	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
2-Chlorotoluene	ND		0.00922	0.00199	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
4-Chlorotoluene	ND		0.00922	0.00201	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
cis-1,2-Dichloroethene	ND		0.00922	0.00221	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
cis-1,3-Dichloropropene	ND		0.00922	0.00216	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2-Dibromo-3-Chloropropane	ND		0.00922	0.00380	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Dibromomethane	ND		0.00922	0.00186	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2-Dichlorobenzene	ND		0.00922	0.00199	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,3-Dichlorobenzene	ND		0.00922	0.00147	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,4-Dichlorobenzene	ND		0.00922	0.00214	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Dichlorobromomethane	ND		0.00922	0.00173	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1-Dichloroethane	ND		0.00922	0.00167	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2-Dichloroethane	ND		0.00922	0.00223	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1-Dichloroethene	ND		0.00922	0.00219	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2-Dichloropropane	ND		0.00922	0.00126	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,3-Dichloropropane	ND		0.00922	0.00212	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
2,2-Dichloropropane	ND		0.00922	0.00214	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1-Dichloropropene	ND		0.00922	0.00188	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Ethyl acetate	ND		0.0922	0.0922	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Ethylbenzene	ND		0.00922	0.00197	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Ethylene Dibromide	ND		0.00922	0.00161	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Hexachlorobutadiene	ND		0.00922	0.00295	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Hexane	ND		0.0184	0.0184	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
2-Hexanone	ND		0.0184	0.0136	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Iodomethane	ND		0.0184	0.00352	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Isopropylbenzene	ND		0.00922	0.00271	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Isopropyl ether	ND		0.0184	0.0184	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
4-Isopropyltoluene	ND		0.00922	0.00627	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Methylene Chloride	ND		0.0369	0.0104	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.0184	0.00601	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Methyl tert-butyl ether	ND		0.00922	0.00323	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
m-Xylene & p-Xylene	ND		0.0184	0.00400	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Naphthalene	ND		0.00922	0.00710	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
n-Butylbenzene	ND		0.00922	0.00324	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
n-Heptane	ND		0.0184	0.0184	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
N-Propylbenzene	ND		0.00922	0.00192	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1

Client Sample ID: 821-SED-3

Date Collected: 01/28/26 12:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-3

Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00922	0.00243	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
sec-Butylbenzene	ND		0.00922	0.00210	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Styrene	ND		0.00922	0.00468	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
tert-Butylbenzene	ND		0.00922	0.00219	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1,1,2-Tetrachloroethane	ND		0.00922	0.00182	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1,2,2-Tetrachloroethane	ND		0.00922	0.00240	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Tetrachloroethene	ND		0.00922	0.00150	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Toluene	ND		0.00922	0.00181	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
trans-1,4-Dichloro-2-butene	ND		0.0184	0.00929	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
trans-1,2-Dichloroethene	ND		0.00922	0.00223	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
trans-1,3-Dichloropropene	ND		0.00922	0.00190	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2,3-Trichlorobenzene	ND		0.00922	0.00481	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2,4-Trichlorobenzene	ND		0.00922	0.00371	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1,1-Trichloroethane	ND		0.00922	0.00265	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1,2-Trichloroethane	ND		0.00922	0.00166	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Trichloroethene	ND		0.00922	0.00128	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Trichlorofluoromethane	ND		0.00922	0.00348	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2,3-Trichloropropane	ND		0.00922	0.00247	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0184	0.00183	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,2,4-Trimethylbenzene	ND		0.00922	0.00216	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
1,3,5-Trimethylbenzene	ND		0.00922	0.00229	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Vinyl acetate	ND		0.0184	0.00612	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Vinyl chloride	ND		0.0184	0.00304	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1
Xylenes, Total	ND		0.00922	0.00243	mg/Kg	☼	02/08/26 11:40	02/10/26 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*02/08/26 11:40*	*02/10/26 03:10*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*02/08/26 11:40*	*02/10/26 03:10*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/08/26 11:40*	*02/10/26 03:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.0122**		0.00808	0.00808	mg/Kg	☼	01/30/26 13:04	02/03/26 00:46	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*01/30/26 13:04*	*02/03/26 00:46*	*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	*+	0.447	0.0130	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,4,5-Trichlorophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,4,6-Trichlorophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,4-Dichlorophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,4-Dimethylphenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,4-Dinitrophenol	ND		1.34	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,4-Dinitrotoluene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2,6-Dinitrotoluene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2-Chloronaphthalene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2-Chlorophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2-Methylnaphthalene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2-Methylphenol	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1

Client Sample ID: 821-SED-3
Lab Sample ID: 752-41441-3
Date Collected: 01/28/26 12:30
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
2-Nitrophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
3 & 4 Methylphenol	**0.0510**	**J *+**	0.893	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
3,3'-Dichlorobenzidine	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
3-Nitroaniline	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4,6-Dinitro-2-methylphenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4-Bromophenyl phenyl ether	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4-Chloro-3-methylphenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4-Chloroaniline	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4-Chlorophenyl phenyl ether	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4-Nitroaniline	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
4-Nitrophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Acenaphthene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Acenaphthylene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Acetophenone	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Anthracene	**0.160**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Atrazine	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Benzaldehyde	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Benzo[a]anthracene	**0.133**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Benzo[a]pyrene	**0.126**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Benzo[b]fluoranthene	**0.219**	**J**	0.447	0.00189	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Benzo[g,h,i]perylene	**0.131**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Benzo[k]fluoranthene	**0.0621**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
bis (2-chloroisopropyl) ether	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Bis(2-chloroethoxy)methane	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Bis(2-chloroethyl)ether	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Bis(2-ethylhexyl) phthalate	ND		0.447	0.135	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Butyl benzyl phthalate	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Caprolactam	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Carbazole	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Chrysene	**0.215**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Dibenz(a,h)anthracene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Dibenzofuran	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Diethyl phthalate	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Dimethyl phthalate	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Di-n-butyl phthalate	ND		1.34	0.406	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Di-n-octyl phthalate	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Fluoranthene	**0.366**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Fluorene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Hexachlorobenzene	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Hexachlorobutadiene	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Hexachlorocyclopentadiene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Hexachloroethane	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Indeno[1,2,3-cd]pyrene	**0.100**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Isophorone	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Naphthalene	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Nitrobenzene	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
N-Nitrosodi-n-propylamine	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
N-Nitrosodiphenylamine	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1

Client Sample ID: 821-SED-3

Date Collected: 01/28/26 12:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-3

Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Phenanthrene	**0.455**		0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Phenol	ND	*+	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1
Pyrene	**0.420**	**J**	0.447	0.0447	mg/Kg	☼	01/30/26 13:02	02/04/26 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*40 - 140*	*01/30/26 13:02*	*02/04/26 14:01*	*1*
2-Fluorobiphenyl (Surr)	*111*		*40 - 140*	*01/30/26 13:02*	*02/04/26 14:01*	*1*
2-Fluorophenol (Surr)	*125*		*40 - 140*	*01/30/26 13:02*	*02/04/26 14:01*	*1*
Nitrobenzene-d5 (Surr)	*131*		*40 - 140*	*01/30/26 13:02*	*02/04/26 14:01*	*1*
Phenol-d5 (Surr)	*120*		*40 - 140*	*01/30/26 13:02*	*02/04/26 14:01*	*1*
Terphenyl-d14 (Surr)	*120*		*40 - 140*	*01/30/26 13:02*	*02/04/26 14:01*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.06**	**J**	3.35	0.971	mg/Kg	☼		02/03/26 01:26	1
Sulfate	**15.3**		13.4	13.1	mg/Kg	☼		02/03/26 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.702	0.160	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Arsenic	**0.687**	**J**	0.842	0.0751	mg/Kg	☼	02/02/26 10:10	02/05/26 20:11	10
Barium	**12.2**	**B**	1.76	0.00993	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Beryllium	**0.0737**	**J**	0.351	0.0246	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Cadmium	**0.0749**	**J**	0.351	0.0114	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Chromium	**4.38**		0.702	0.145	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Cobalt	**1.73**		0.527	0.0199	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Copper	**9.42**	**B**	0.351	0.0365	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Lead	**12.2**		0.351	0.0414	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Manganese	**44.3**		0.702	0.0432	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Nickel	**5.66**		0.702	0.0184	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Selenium	**0.177**	**J**	1.76	0.125	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Silver	**0.118**	**J**	0.176	0.00204	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Thallium	ND		0.491	0.0296	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Vanadium	**6.64**		0.702	0.0881	mg/Kg	☼	02/02/26 10:10	02/04/26 21:54	5
Zinc	**34.9**		1.76	1.46	mg/Kg	☼	02/02/26 10:10	02/05/26 19:24	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.126	0.0184	mg/Kg	☼	02/03/26 15:30	02/04/26 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.29	0.129	mg/Kg	☼	02/02/26 09:29	02/04/26 18:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.33	0.425	mg/Kg	☼		02/06/26 12:02	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-4
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-4
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.190	0.0421	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Benzene	ND		0.00952	0.00144	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Bromobenzene	ND		0.00952	0.00180	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Bromoform	ND		0.00952	0.00404	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Bromomethane	ND		0.00952	0.00375	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
2-Butanone (MEK)	ND		0.0952	0.0106	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Carbon disulfide	ND		0.0190	0.00487	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Carbon tetrachloride	ND		0.00952	0.00180	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Chlorobenzene	ND		0.00952	0.00160	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Chlorobromomethane	ND		0.00952	0.00228	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Chlorodibromomethane	ND		0.00952	0.00151	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Chloroethane	ND		0.0190	0.00360	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Chloroform	ND		0.00952	0.00185	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Chloromethane	ND		0.0190	0.00282	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
2-Chlorotoluene	ND		0.00952	0.00206	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
4-Chlorotoluene	ND		0.00952	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
cis-1,2-Dichloroethene	ND		0.00952	0.00228	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
cis-1,3-Dichloropropene	ND		0.00952	0.00223	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2-Dibromo-3-Chloropropane	ND		0.00952	0.00392	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Dibromomethane	ND		0.00952	0.00192	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2-Dichlorobenzene	ND		0.00952	0.00206	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,3-Dichlorobenzene	ND		0.00952	0.00152	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,4-Dichlorobenzene	ND		0.00952	0.00221	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Dichlorobromomethane	ND		0.00952	0.00179	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1-Dichloroethane	ND		0.00952	0.00172	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2-Dichloroethane	ND		0.00952	0.00230	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1-Dichloroethene	ND		0.00952	0.00227	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2-Dichloropropane	ND		0.00952	0.00130	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,3-Dichloropropane	ND		0.00952	0.00219	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
2,2-Dichloropropane	ND		0.00952	0.00221	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1-Dichloropropene	ND		0.00952	0.00194	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Ethyl acetate	ND		0.0952	0.0952	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Ethylbenzene	ND		0.00952	0.00204	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Ethylene Dibromide	ND		0.00952	0.00166	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Hexachlorobutadiene	ND		0.00952	0.00305	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Hexane	ND		0.0190	0.0190	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
2-Hexanone	ND		0.0190	0.0140	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Iodomethane	ND		0.0190	0.00364	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Isopropylbenzene	ND		0.00952	0.00280	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Isopropyl ether	ND		0.0190	0.0190	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
4-Isopropyltoluene	ND		0.00952	0.00647	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Methylene Chloride	ND		0.0381	0.0107	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
4-Methyl-2-pentanone (MIBK)	ND		0.0190	0.00621	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Methyl tert-butyl ether	ND		0.00952	0.00333	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
m-Xylene & p-Xylene	ND		0.0190	0.00413	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Naphthalene	ND		0.00952	0.00733	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
n-Butylbenzene	ND		0.00952	0.00335	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
n-Heptane	ND		0.0190	0.0190	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
N-Propylbenzene	ND		0.00952	0.00198	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-4
Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-4
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00952	0.00251	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
sec-Butylbenzene	ND		0.00952	0.00217	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Styrene	ND		0.00952	0.00484	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
tert-Butylbenzene	ND		0.00952	0.00227	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1,1,2-Tetrachloroethane	ND		0.00952	0.00188	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1,2,2-Tetrachloroethane	ND		0.00952	0.00248	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Tetrachloroethene	ND		0.00952	0.00155	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Toluene	ND		0.00952	0.00187	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
trans-1,4-Dichloro-2-butene	ND		0.0190	0.00960	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
trans-1,2-Dichloroethene	ND		0.00952	0.00230	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
trans-1,3-Dichloropropene	ND		0.00952	0.00196	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2,3-Trichlorobenzene	ND		0.00952	0.00497	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2,4-Trichlorobenzene	ND		0.00952	0.00383	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1,1-Trichloroethane	ND		0.00952	0.00274	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1,2-Trichloroethane	ND		0.00952	0.00171	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Trichloroethene	ND		0.00952	0.00132	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Trichlorofluoromethane	ND		0.00952	0.00360	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2,3-Trichloropropane	ND		0.00952	0.00255	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0190	0.00189	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,2,4-Trimethylbenzene	ND		0.00952	0.00223	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
1,3,5-Trimethylbenzene	ND		0.00952	0.00236	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Vinyl acetate	ND		0.0190	0.00632	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Vinyl chloride	ND		0.0190	0.00314	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1
Xylenes, Total	ND		0.00952	0.00251	mg/Kg	☼	02/08/26 11:40	02/10/26 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*02/08/26 11:40*	*02/10/26 03:34*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*02/08/26 11:40*	*02/10/26 03:34*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 11:40*	*02/10/26 03:34*	*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	**0.00948**		0.00741	0.00741	mg/Kg	☼	01/30/26 13:04	02/03/26 01:07	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*01/30/26 13:04*	*02/03/26 01:07*	*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	*+	0.393	0.0114	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,4,5-Trichlorophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,4,6-Trichlorophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,4-Dichlorophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,4-Dimethylphenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,4-Dinitrophenol	ND		1.18	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,4-Dinitrotoluene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2,6-Dinitrotoluene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2-Chloronaphthalene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2-Chlorophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2-Methylnaphthalene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2-Methylphenol	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1

Client Sample ID: 821-SED-4
Lab Sample ID: 752-41441-4
Date Collected: 01/28/26 13:15
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
2-Nitrophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
3 & 4 Methylphenol	ND	*+	0.787	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
3,3'-Dichlorobenzidine	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
3-Nitroaniline	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4,6-Dinitro-2-methylphenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4-Bromophenyl phenyl ether	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4-Chloro-3-methylphenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4-Chloroaniline	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4-Chlorophenyl phenyl ether	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4-Nitroaniline	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
4-Nitrophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Acenaphthene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Acenaphthylene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Acetophenone	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Anthracene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Atrazine	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Benzaldehyde	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Benzo[a]anthracene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Benzo[a]pyrene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Benzo[b]fluoranthene	**0.0460**	**J**	0.393	0.00167	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Benzo[g,h,i]perylene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Benzo[k]fluoranthene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
bis (2-chloroisopropyl) ether	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Bis(2-chloroethoxy)methane	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Bis(2-chloroethyl)ether	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Bis(2-ethylhexyl) phthalate	**0.392**	**J B**	0.393	0.119	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Butyl benzyl phthalate	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Caprolactam	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Carbazole	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Chrysene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Dibenz(a,h)anthracene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Dibenzofuran	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Diethyl phthalate	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Dimethyl phthalate	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Di-n-butyl phthalate	ND		1.18	0.358	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Di-n-octyl phthalate	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Fluoranthene	**0.0504**	**J**	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Fluorene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Hexachlorobenzene	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Hexachlorobutadiene	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Hexachlorocyclopentadiene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Hexachloroethane	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Indeno[1,2,3-cd]pyrene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Isophorone	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Naphthalene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Nitrobenzene	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
N-Nitrosodi-n-propylamine	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
N-Nitrosodiphenylamine	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1

Client Sample ID: 821-SED-4

Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-4

Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Phenanthrene	ND		0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Phenol	ND	*+	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1
Pyrene	**0.0470**	**J**	0.393	0.0393	mg/Kg	☼	01/30/26 13:02	02/02/26 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*144*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:06*	*1*
2-Fluorobiphenyl (Surr)	*135*		*40 - 140*	*01/30/26 13:02*	*02/02/26 21:06*	*1*
2-Fluorophenol (Surr)	*143*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:06*	*1*
Nitrobenzene-d5 (Surr)	*162*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:06*	*1*
Phenol-d5 (Surr)	*152*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:06*	*1*
Terphenyl-d14 (Surr)	*130*		*40 - 140*	*01/30/26 13:02*	*02/02/26 21:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.964**	**J**	3.06	0.888	mg/Kg	☼		02/03/26 01:38	1
Sulfate	ND		12.3	12.0	mg/Kg	☼		02/03/26 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.186**	**J**	0.628	0.144	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Arsenic	**1.10**		0.754	0.0672	mg/Kg	☼	02/02/26 10:10	02/05/26 20:14	10
Barium	**33.1**	**B**	1.57	0.00889	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Beryllium	**0.117**	**J**	0.314	0.0220	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Cadmium	**0.125**	**J**	0.314	0.0102	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Chromium	**4.95**		0.628	0.129	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Cobalt	**2.23**		0.471	0.0178	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Copper	**19.7**	**B**	0.314	0.0327	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Lead	**25.2**		0.314	0.0371	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Manganese	**102**		0.628	0.0387	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Nickel	**5.12**		0.628	0.0164	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Selenium	**0.169**	**J**	1.57	0.112	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Silver	**0.0661**	**J**	0.157	0.00182	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Thallium	ND		0.440	0.0265	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Vanadium	**9.12**		0.628	0.0789	mg/Kg	☼	02/02/26 10:10	02/04/26 21:57	5
Zinc	**63.9**		1.57	1.30	mg/Kg	☼	02/02/26 10:10	02/05/26 19:28	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.114	0.0167	mg/Kg	☼	02/03/26 15:30	02/04/26 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.22	0.122	mg/Kg	☼	02/02/26 09:29	02/04/26 18:21	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.18	0.379	mg/Kg	☼		02/06/26 12:05	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-5
Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-5
Matrix: Solid
Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0695	J	0.212	0.0468	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Benzene	ND		0.0106	0.00160	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Bromobenzene	ND		0.0106	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Bromoform	ND		0.0106	0.00449	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Bromomethane	ND		0.0106	0.00417	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
2-Butanone (MEK)	ND		0.106	0.0118	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Carbon disulfide	ND		0.0212	0.00542	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Carbon tetrachloride	ND		0.0106	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Chlorobenzene	ND		0.0106	0.00178	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Chlorobromomethane	ND		0.0106	0.00254	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Chlorodibromomethane	ND		0.0106	0.00168	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Chloroethane	ND		0.0212	0.00400	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Chloroform	ND		0.0106	0.00205	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Chloromethane	ND		0.0212	0.00313	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
2-Chlorotoluene	ND		0.0106	0.00229	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
4-Chlorotoluene	ND		0.0106	0.00231	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
cis-1,2-Dichloroethene	ND		0.0106	0.00254	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
cis-1,3-Dichloropropene	ND		0.0106	0.00248	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2-Dibromo-3-Chloropropane	ND		0.0106	0.00436	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Dibromomethane	ND		0.0106	0.00214	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2-Dichlorobenzene	ND		0.0106	0.00229	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,3-Dichlorobenzene	ND		0.0106	0.00168	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,4-Dichlorobenzene	ND		0.0106	0.00246	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Dichlorobromomethane	ND		0.0106	0.00199	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1-Dichloroethane	ND		0.0106	0.00192	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2-Dichloroethane	ND		0.0106	0.00256	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1-Dichloroethene	ND		0.0106	0.00252	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2-Dichloropropane	ND		0.0106	0.00145	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,3-Dichloropropane	ND		0.0106	0.00243	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
2,2-Dichloropropane	ND		0.0106	0.00246	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1-Dichloropropene	ND		0.0106	0.00216	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Ethyl acetate	ND		0.106	0.106	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Ethylbenzene	ND		0.0106	0.00226	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Ethylene Dibromide	ND		0.0106	0.00185	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Hexachlorobutadiene	ND		0.0106	0.00339	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Hexane	ND		0.0212	0.0212	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
2-Hexanone	ND		0.0212	0.0156	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Iodomethane	ND		0.0212	0.00404	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Isopropylbenzene	ND		0.0106	0.00311	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Isopropyl ether	ND		0.0212	0.0212	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
4-Isopropyltoluene	ND		0.0106	0.00720	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Methylene Chloride	ND		0.0423	0.0119	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
4-Methyl-2-pentanone (MIBK)	ND		0.0212	0.00690	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Methyl tert-butyl ether	ND		0.0106	0.00370	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
m-Xylene & p-Xylene	ND		0.0212	0.00459	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Naphthalene	ND		0.0106	0.00815	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
n-Butylbenzene	ND		0.0106	0.00373	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
n-Heptane	ND		0.0212	0.0212	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
N-Propylbenzene	ND		0.0106	0.00220	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1

Client Sample ID: 821-SED-5
Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-5
Matrix: Solid
Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0106	0.00279	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
sec-Butylbenzene	ND		0.0106	0.00241	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Styrene	ND		0.0106	0.00538	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
tert-Butylbenzene	ND		0.0106	0.00252	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1,1,2-Tetrachloroethane	ND		0.0106	0.00209	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1,2,2-Tetrachloroethane	ND		0.0106	0.00275	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Tetrachloroethene	ND		0.0106	0.00172	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Toluene	ND		0.0106	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
trans-1,4-Dichloro-2-butene	ND		0.0212	0.0107	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
trans-1,2-Dichloroethene	ND		0.0106	0.00256	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
trans-1,3-Dichloropropene	ND		0.0106	0.00218	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2,3-Trichlorobenzene	ND		0.0106	0.00552	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2,4-Trichlorobenzene	ND		0.0106	0.00425	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1,1-Trichloroethane	ND		0.0106	0.00305	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1,2-Trichloroethane	ND		0.0106	0.00191	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Trichloroethene	ND		0.0106	0.00147	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Trichlorofluoromethane	ND		0.0106	0.00400	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2,3-Trichloropropane	ND		0.0106	0.00284	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0212	0.00210	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,2,4-Trimethylbenzene	ND		0.0106	0.00248	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
1,3,5-Trimethylbenzene	ND		0.0106	0.00262	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Vinyl acetate	ND		0.0212	0.00703	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Vinyl chloride	ND		0.0212	0.00349	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1
Xylenes, Total	ND		0.0106	0.00279	mg/Kg	☼	02/08/26 11:40	02/10/26 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*	*02/08/26 11:40*	*02/10/26 03:58*	*1*
Dibromofluoromethane	*105*		*80 - 119*	*02/08/26 11:40*	*02/10/26 03:58*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 11:40*	*02/10/26 03:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00772**		0.00763	0.00763	mg/Kg	☼	01/30/26 13:04	02/03/26 01:28	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*45*		*10 - 150*	*01/30/26 13:04*	*02/03/26 01:28*	*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	*+	0.417	0.0121	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,4,5-Trichlorophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,4,6-Trichlorophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,4-Dichlorophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,4-Dimethylphenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,4-Dinitrophenol	ND		1.25	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,4-Dinitrotoluene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2,6-Dinitrotoluene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2-Chloronaphthalene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2-Chlorophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2-Methylnaphthalene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2-Methylphenol	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1

Client Sample ID: 821-SED-5
Lab Sample ID: 752-41441-5
Date Collected: 01/28/26 14:00
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
2-Nitrophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
3 & 4 Methylphenol	ND	*+	0.834	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
3,3'-Dichlorobenzidine	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
3-Nitroaniline	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4,6-Dinitro-2-methylphenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4-Bromophenyl phenyl ether	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4-Chloro-3-methylphenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4-Chloroaniline	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4-Chlorophenyl phenyl ether	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4-Nitroaniline	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
4-Nitrophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Acenaphthene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Acenaphthylene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Acetophenone	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Anthracene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Atrazine	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Benzaldehyde	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Benzo[a]anthracene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Benzo[a]pyrene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Benzo[b]fluoranthene	**0.0387**	**J**	0.417	0.00177	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Benzo[g,h,i]perylene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Benzo[k]fluoranthene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
bis (2-chloroisopropyl) ether	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Bis(2-chloroethoxy)methane	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Bis(2-chloroethyl)ether	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Bis(2-ethylhexyl) phthalate	**0.208**	**J B**	0.417	0.126	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Butyl benzyl phthalate	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Caprolactam	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Carbazole	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Chrysene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Dibenz(a,h)anthracene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Dibenzofuran	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Diethyl phthalate	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Dimethyl phthalate	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Di-n-butyl phthalate	ND		1.25	0.379	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Di-n-octyl phthalate	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Fluoranthene	**0.0417**	**J**	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Fluorene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Hexachlorobenzene	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Hexachlorobutadiene	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Hexachlorocyclopentadiene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Hexachloroethane	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Indeno[1,2,3-cd]pyrene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Isophorone	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Naphthalene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Nitrobenzene	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
N-Nitrosodi-n-propylamine	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
N-Nitrosodiphenylamine	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1

Client Sample ID: 821-SED-5

Date Collected: 01/28/26 14:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-5

Matrix: Solid
Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Phenanthrene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Phenol	ND	*+	0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1
Pyrene	ND		0.417	0.0417	mg/Kg	☼	01/30/26 13:02	02/02/26 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*150*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:36*	*1*
2-Fluorobiphenyl (Surr)	*134*		*40 - 140*	*01/30/26 13:02*	*02/02/26 21:36*	*1*
2-Fluorophenol (Surr)	*142*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:36*	*1*
Nitrobenzene-d5 (Surr)	*160*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:36*	*1*
Phenol-d5 (Surr)	*150*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 21:36*	*1*
Terphenyl-d14 (Surr)	*134*		*40 - 140*	*01/30/26 13:02*	*02/02/26 21:36*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.07**	**J**	3.19	0.924	mg/Kg	☼		02/03/26 01:49	1
Sulfate	**13.7**		12.7	12.5	mg/Kg	☼		02/03/26 01:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.663	0.151	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Arsenic	**0.841**		0.398	0.0355	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Barium	**14.1**	**B**	1.66	0.00938	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Beryllium	**0.119**	**J**	0.331	0.0232	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Cadmium	**0.0966**	**J**	0.331	0.0108	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Chromium	**8.47**		0.663	0.137	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Cobalt	**2.22**		0.497	0.0188	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Copper	**81.5**	**B**	0.331	0.0345	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Lead	**16.5**		0.331	0.0391	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Manganese	**131**		0.663	0.0408	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Nickel	**4.56**		0.663	0.0173	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Selenium	**0.224**	**J**	1.66	0.118	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Silver	**0.0221**	**J**	0.166	0.00192	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Thallium	ND		0.464	0.0279	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Vanadium	**10.4**		0.663	0.0832	mg/Kg	☼	02/02/26 10:10	02/04/26 22:00	5
Zinc	**42.4**		1.66	1.38	mg/Kg	☼	02/02/26 10:10	02/05/26 19:31	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	☼	02/03/26 15:30	02/04/26 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.29	0.129	mg/Kg	☼	02/02/26 09:29	02/04/26 19:36	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.25	0.401	mg/Kg	☼		02/06/26 12:07	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-6
Date Collected: 01/28/26 14:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-6
Matrix: Solid
Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.172	0.0381	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Benzene	ND		0.00861	0.00130	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Bromobenzene	ND		0.00861	0.00162	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Bromoform	ND		0.00861	0.00365	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Bromomethane	ND		0.00861	0.00339	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
2-Butanone (MEK)	ND		0.0861	0.00958	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Carbon disulfide	ND		0.0172	0.00441	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Carbon tetrachloride	ND		0.00861	0.00163	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Chlorobenzene	ND		0.00861	0.00145	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Chlorobromomethane	ND		0.00861	0.00207	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Chlorodibromomethane	ND		0.00861	0.00137	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Chloroethane	ND		0.0172	0.00326	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Chloroform	ND		0.00861	0.00167	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Chloromethane	ND		0.0172	0.00255	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
2-Chlorotoluene	ND		0.00861	0.00186	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
4-Chlorotoluene	ND		0.00861	0.00188	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
cis-1,2-Dichloroethene	ND		0.00861	0.00207	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
cis-1,3-Dichloropropene	ND		0.00861	0.00202	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2-Dibromo-3-Chloropropane	ND		0.00861	0.00355	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Dibromomethane	ND		0.00861	0.00174	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2-Dichlorobenzene	ND		0.00861	0.00186	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,3-Dichlorobenzene	ND		0.00861	0.00137	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,4-Dichlorobenzene	ND		0.00861	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Dichlorobromomethane	ND		0.00861	0.00162	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1-Dichloroethane	ND		0.00861	0.00156	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2-Dichloroethane	ND		0.00861	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1-Dichloroethene	ND		0.00861	0.00205	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2-Dichloropropane	ND		0.00861	0.00118	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,3-Dichloropropane	ND		0.00861	0.00198	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
2,2-Dichloropropane	ND		0.00861	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1-Dichloropropene	ND		0.00861	0.00176	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Ethyl acetate	ND		0.0861	0.0861	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Ethylbenzene	ND		0.00861	0.00184	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Ethylene Dibromide	ND		0.00861	0.00150	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Hexachlorobutadiene	ND	*-	0.00861	0.00276	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Hexane	ND		0.0172	0.0172	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
2-Hexanone	ND		0.0172	0.0127	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Iodomethane	ND		0.0172	0.00329	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Isopropylbenzene	ND		0.00861	0.00253	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Isopropyl ether	ND		0.0172	0.0172	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
4-Isopropyltoluene	ND		0.00861	0.00586	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Methylene Chloride	ND		0.0345	0.00968	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.0172	0.00562	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Methyl tert-butyl ether	ND		0.00861	0.00302	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
m-Xylene & p-Xylene	ND		0.0172	0.00374	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Naphthalene	ND		0.00861	0.00663	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
n-Butylbenzene	ND		0.00861	0.00303	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
n-Heptane	ND		0.0172	0.0172	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
N-Propylbenzene	ND		0.00861	0.00179	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1

Client Sample ID: 821-SED-6
Date Collected: 01/28/26 14:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-6
Matrix: Solid
Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00861	0.00227	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
sec-Butylbenzene	ND		0.00861	0.00196	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Styrene	ND		0.00861	0.00438	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
tert-Butylbenzene	ND		0.00861	0.00205	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1,1,2-Tetrachloroethane	ND		0.00861	0.00170	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1,2,2-Tetrachloroethane	ND		0.00861	0.00224	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Tetrachloroethene	ND		0.00861	0.00140	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Toluene	ND		0.00861	0.00169	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
trans-1,4-Dichloro-2-butene	ND		0.0172	0.00868	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
trans-1,2-Dichloroethene	ND		0.00861	0.00208	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
trans-1,3-Dichloropropene	ND		0.00861	0.00177	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2,3-Trichlorobenzene	ND		0.00861	0.00450	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2,4-Trichlorobenzene	ND		0.00861	0.00346	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1,1-Trichloroethane	ND		0.00861	0.00248	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1,2-Trichloroethane	ND		0.00861	0.00155	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Trichloroethene	ND		0.00861	0.00120	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Trichlorofluoromethane	ND		0.00861	0.00326	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2,3-Trichloropropane	ND		0.00861	0.00231	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0172	0.00171	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,2,4-Trimethylbenzene	ND		0.00861	0.00202	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
1,3,5-Trimethylbenzene	ND		0.00861	0.00214	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Vinyl acetate	ND		0.0172	0.00572	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Vinyl chloride	ND		0.0172	0.00284	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1
Xylenes, Total	ND		0.00861	0.00227	mg/Kg	☼	02/08/26 11:40	02/10/26 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*02/08/26 11:40*	*02/10/26 16:00*	*1*
Dibromofluoromethane	*105*		*80 - 119*	*02/08/26 11:40*	*02/10/26 16:00*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 11:40*	*02/10/26 16:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00884**		0.00756	0.00756	mg/Kg	☼	01/30/26 13:04	02/03/26 01:49	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*01/30/26 13:04*	*02/03/26 01:49*	*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	*+	0.399	0.0116	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,4,5-Trichlorophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,4,6-Trichlorophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,4-Dichlorophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,4-Dimethylphenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,4-Dinitrophenol	ND		1.20	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,4-Dinitrotoluene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2,6-Dinitrotoluene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2-Chloronaphthalene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2-Chlorophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2-Methylnaphthalene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2-Methylphenol	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1

Client Sample ID: 821-SED-6
Lab Sample ID: 752-41441-6
Date Collected: 01/28/26 14:45
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
2-Nitrophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
3 & 4 Methylphenol	ND	*+	0.799	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
3,3'-Dichlorobenzidine	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
3-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4,6-Dinitro-2-methylphenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4-Bromophenyl phenyl ether	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4-Chloro-3-methylphenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4-Chloroaniline	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4-Chlorophenyl phenyl ether	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
4-Nitrophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Acenaphthene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Acenaphthylene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Acetophenone	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Anthracene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Atrazine	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Benzaldehyde	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Benzo[a]anthracene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Benzo[a]pyrene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Benzo[b]fluoranthene	**0.0187**	**J**	0.399	0.00169	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Benzo[g,h,i]perylene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Benzo[k]fluoranthene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
bis (2-chloroisopropyl) ether	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Bis(2-chloroethoxy)methane	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Bis(2-chloroethyl)ether	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Bis(2-ethylhexyl) phthalate	**0.190**	**J B**	0.399	0.121	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Butyl benzyl phthalate	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Caprolactam	**0.120**	**J**	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Carbazole	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Chrysene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Dibenz(a,h)anthracene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Dibenzofuran	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Diethyl phthalate	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Dimethyl phthalate	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Di-n-butyl phthalate	ND		1.20	0.363	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Di-n-octyl phthalate	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Fluoranthene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Fluorene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Hexachlorobenzene	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Hexachlorobutadiene	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Hexachlorocyclopentadiene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Hexachloroethane	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Indeno[1,2,3-cd]pyrene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Isophorone	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Naphthalene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Nitrobenzene	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
N-Nitrosodi-n-propylamine	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
N-Nitrosodiphenylamine	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1

Client Sample ID: 821-SED-6

Date Collected: 01/28/26 14:45
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-6

Matrix: Solid
Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Phenanthrene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Phenol	ND	*+	0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1
Pyrene	ND		0.399	0.0399	mg/Kg	☼	01/30/26 13:02	02/02/26 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*144*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:06*	*1*
2-Fluorobiphenyl (Surr)	*139*		*40 - 140*	*01/30/26 13:02*	*02/02/26 22:06*	*1*
2-Fluorophenol (Surr)	*150*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:06*	*1*
Nitrobenzene-d5 (Surr)	*170*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:06*	*1*
Phenol-d5 (Surr)	*159*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:06*	*1*
Terphenyl-d14 (Surr)	*139*		*40 - 140*	*01/30/26 13:02*	*02/02/26 22:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.06**	**J**	3.21	0.932	mg/Kg	☼		02/03/26 02:01	1
Sulfate	ND		12.9	12.6	mg/Kg	☼		02/03/26 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.204**	**J**	0.652	0.149	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Arsenic	**0.587**		0.391	0.0349	mg/Kg	☼	02/02/26 10:10	02/05/26 19:34	5
Barium	**11.1**	**B**	1.63	0.00923	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Beryllium	**0.100**	**J**	0.326	0.0229	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Cadmium	**0.117**	**J**	0.326	0.0106	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Chromium	**6.61**		0.652	0.134	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Cobalt	**1.48**		0.489	0.0185	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Copper	**10.9**	**B**	0.326	0.0339	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Lead	**46.5**		0.326	0.0385	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Manganese	**49.6**		0.652	0.0401	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Nickel	**4.08**		0.652	0.0171	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Selenium	**0.218**	**J**	1.63	0.116	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Silver	**0.134**	**J**	0.163	0.00189	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Thallium	ND		0.457	0.0275	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Vanadium	**7.14**		0.652	0.0819	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5
Zinc	**66.6**		1.63	1.35	mg/Kg	☼	02/02/26 10:10	02/04/26 22:28	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.117	0.0171	mg/Kg	☼	02/03/26 15:30	02/04/26 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.25	0.125	mg/Kg	☼	02/02/26 09:29	02/04/26 19:49	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.26	0.402	mg/Kg	☼		02/06/26 12:10	1

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

Job ID: 752-41441-1

Client Sample ID: 821-SED-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-7
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.18**	**J**	8.19	1.81	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Benzene	ND		0.409	0.0619	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Bromobenzene	ND		0.409	0.0772	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Bromoform	ND		0.409	0.174	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Bromomethane	ND		0.409	0.161	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
2-Butanone (MEK)	**9.28**		4.09	0.455	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Carbon disulfide	ND		0.819	0.210	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Carbon tetrachloride	ND		0.409	0.0775	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Chlorobenzene	ND		0.409	0.0687	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Chlorobromomethane	ND		0.409	0.0983	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Chlorodibromomethane	ND		0.409	0.0651	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Chloroethane	ND		0.819	0.155	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Chloroform	ND		0.409	0.0793	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Chloromethane	ND		0.819	0.121	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
2-Chlorotoluene	ND		0.409	0.0884	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
4-Chlorotoluene	ND		0.409	0.0892	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
cis-1,2-Dichloroethene	ND		0.409	0.0983	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
cis-1,3-Dichloropropene	ND		0.409	0.0958	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2-Dibromo-3-Chloropropane	ND		0.409	0.169	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Dibromomethane	ND		0.409	0.0827	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2-Dichlorobenzene	ND		0.409	0.0884	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,3-Dichlorobenzene	ND		0.409	0.0652	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,4-Dichlorobenzene	ND		0.409	0.0950	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Dichlorobromomethane	ND		0.409	0.0768	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1-Dichloroethane	ND		0.409	0.0741	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2-Dichloroethane	ND		0.409	0.0991	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1-Dichloroethene	ND		0.409	0.0974	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2-Dichloropropane	ND		0.409	0.0561	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,3-Dichloropropane	ND		0.409	0.0942	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
2,2-Dichloropropane	ND		0.409	0.0950	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1-Dichloropropene	ND		0.409	0.0835	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Ethyl acetate	ND		4.09	4.09	mg/Kg	☼	02/08/26 11:40	02/11/26 21:38	50
Ethylbenzene	ND		0.409	0.0876	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Ethylene Dibromide	ND		0.409	0.0715	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Hexachlorobutadiene	ND		0.409	0.131	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Hexane	ND		0.819	0.819	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
2-Hexanone	ND		0.819	0.603	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Iodomethane	ND		0.819	0.156	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Isopropylbenzene	ND		0.409	0.120	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Isopropyl ether	ND		0.819	0.819	mg/Kg	☼	02/08/26 11:40	02/11/26 21:38	50
4-Isopropyltoluene	ND		0.409	0.278	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Methylene Chloride	ND		1.64	0.460	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
4-Methyl-2-pentanone (MIBK)	ND		0.819	0.267	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Methyl tert-butyl ether	ND		0.409	0.143	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
m-Xylene & p-Xylene	ND		0.819	0.178	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Naphthalene	ND		0.409	0.315	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
n-Butylbenzene	ND		0.409	0.144	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
n-Heptane	ND		0.819	0.819	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
N-Propylbenzene	ND		0.409	0.0852	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50

Client Sample ID: 821-SED-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-7
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.409	0.108	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
sec-Butylbenzene	ND		0.409	0.0933	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Styrene	ND		0.409	0.208	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
tert-Butylbenzene	ND		0.409	0.0974	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1,1,2-Tetrachloroethane	ND		0.409	0.0810	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1,2,2-Tetrachloroethane	ND		0.409	0.106	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Tetrachloroethene	ND		0.409	0.0666	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Toluene	ND		0.409	0.0804	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
trans-1,4-Dichloro-2-butene	ND		0.819	0.413	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
trans-1,2-Dichloroethene	ND		0.409	0.0991	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
trans-1,3-Dichloropropene	ND		0.409	0.0843	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2,3-Trichlorobenzene	ND		0.409	0.214	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2,4-Trichlorobenzene	ND		0.409	0.165	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1,1-Trichloroethane	ND		0.409	0.118	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1,2-Trichloroethane	ND		0.409	0.0737	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Trichloroethene	ND		0.409	0.0568	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Trichlorofluoromethane	ND		0.409	0.155	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2,3-Trichloropropane	ND		0.409	0.110	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.819	0.0813	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,2,4-Trimethylbenzene	ND		0.409	0.0958	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
1,3,5-Trimethylbenzene	ND		0.409	0.102	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Vinyl acetate	ND		0.819	0.272	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Vinyl chloride	ND		0.819	0.135	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50
Xylenes, Total	ND		0.409	0.108	mg/Kg	☼	02/08/26 11:40	02/10/26 18:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*	*02/08/26 11:40*	*02/10/26 18:25*	*50*
4-Bromofluorobenzene	*100*		*67 - 127*	*02/08/26 11:40*	*02/11/26 21:38*	*50*
Dibromofluoromethane	*97*		*80 - 119*	*02/08/26 11:40*	*02/10/26 18:25*	*50*
Dibromofluoromethane	*101*		*80 - 119*	*02/08/26 11:40*	*02/11/26 21:38*	*50*
Toluene-d8 (Surr)	*100*		*71 - 129*	*02/08/26 11:40*	*02/10/26 18:25*	*50*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/08/26 11:40*	*02/11/26 21:38*	*50*

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	**0.00407**		0.00307	0.00307	mg/Kg	☼	01/30/26 13:04	02/03/26 02:10	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*44*		*10 - 150*	*01/30/26 13:04*	*02/03/26 02:10*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	*+	0.412	0.0120	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,4,5-Trichlorophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,4,6-Trichlorophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,4-Dichlorophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,4-Dimethylphenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,4-Dinitrophenol	ND		1.24	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,4-Dinitrotoluene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2,6-Dinitrotoluene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2-Chloronaphthalene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1

Client Sample ID: 821-SED-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-7
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2-Methylnaphthalene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2-Methylphenol	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2-Nitroaniline	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
2-Nitrophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
3 & 4 Methylphenol	ND	*+	0.824	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
3,3'-Dichlorobenzidine	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
3-Nitroaniline	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4,6-Dinitro-2-methylphenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4-Bromophenyl phenyl ether	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4-Chloro-3-methylphenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4-Chloroaniline	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4-Chlorophenyl phenyl ether	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4-Nitroaniline	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
4-Nitrophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Acenaphthene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Acenaphthylene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Acetophenone	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Anthracene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Atrazine	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Benzaldehyde	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Benzo[a]anthracene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Benzo[a]pyrene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Benzo[b]fluoranthene	**0.0110**	**J**	0.412	0.00175	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Benzo[g,h,i]perylene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Benzo[k]fluoranthene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
bis (2-chloroisopropyl) ether	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Bis(2-chloroethoxy)methane	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Bis(2-chloroethyl)ether	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Bis(2-ethylhexyl) phthalate	**0.188**	**J B**	0.412	0.125	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Butyl benzyl phthalate	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Caprolactam	**0.0863**	**J**	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Carbazole	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Chrysene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Dibenz(a,h)anthracene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Dibenzofuran	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Diethyl phthalate	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Dimethyl phthalate	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Di-n-butyl phthalate	ND		1.24	0.375	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Di-n-octyl phthalate	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Fluoranthene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Fluorene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Hexachlorobenzene	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Hexachlorobutadiene	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Hexachlorocyclopentadiene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Hexachloroethane	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Indeno[1,2,3-cd]pyrene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Isophorone	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Naphthalene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1

Client Sample ID: 821-SED-7
Date Collected: 01/28/26 15:30
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-7
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
N-Nitrosodi-n-propylamine	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
N-Nitrosodiphenylamine	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Pentachlorophenol	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Phenanthrene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Phenol	ND	*+	0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1
Pyrene	ND		0.412	0.0412	mg/Kg	☼	01/30/26 13:02	02/02/26 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*142*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:36*	*1*
2-Fluorobiphenyl (Surr)	*142*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:36*	*1*
2-Fluorophenol (Surr)	*151*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:36*	*1*
Nitrobenzene-d5 (Surr)	*169*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:36*	*1*
Phenol-d5 (Surr)	*159*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:36*	*1*
Terphenyl-d14 (Surr)	*143*	*S1+*	*40 - 140*	*01/30/26 13:02*	*02/02/26 22:36*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.01**	**J**	3.23	0.938	mg/Kg	☼		02/03/26 02:12	1
Sulfate	**19.2**		12.9	12.7	mg/Kg	☼		02/03/26 02:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.666	0.152	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Arsenic	**0.385**	**J**	0.400	0.0356	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Barium	**47.3**	**B**	1.67	0.00943	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Beryllium	**0.0687**	**J**	0.333	0.0234	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Cadmium	**0.0673**	**J**	0.333	0.0109	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Chromium	**3.95**		0.666	0.137	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Cobalt	**1.88**		0.500	0.0189	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Copper	**7.31**	**B**	0.333	0.0346	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Lead	**14.1**		0.333	0.0393	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Manganese	**71.7**		0.666	0.0410	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Nickel	**5.10**		0.666	0.0174	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Selenium	**0.126**	**J**	1.67	0.118	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Silver	**0.0168**	**J**	0.167	0.00193	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Thallium	ND		0.466	0.0281	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Vanadium	**5.90**		0.666	0.0836	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5
Zinc	**38.2**		1.67	1.38	mg/Kg	☼	02/02/26 10:10	02/04/26 22:31	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.127	0.0186	mg/Kg	☼	02/03/26 15:30	02/04/26 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.18	0.118	mg/Kg	☼	02/02/26 09:29	02/04/26 20:02	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	☼		02/06/26 12:13	1

Client Sample ID: 821-SED-Dup
Lab Sample ID: 752-41441-8

Date Collected: 01/28/26 13:15
Matrix: Solid

Date Received: 01/28/26 16:52
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0599**	**J**	0.166	0.0368	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Benzene	ND		0.00832	0.00126	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Bromobenzene	ND		0.00832	0.00157	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Bromoform	ND		0.00832	0.00353	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Bromomethane	ND		0.00832	0.00328	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
2-Butanone (MEK)	ND		0.0832	0.00925	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Carbon disulfide	ND		0.0166	0.00426	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Carbon tetrachloride	ND		0.00832	0.00158	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Chlorobenzene	ND		0.00832	0.00140	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Chlorobromomethane	ND		0.00832	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Chlorodibromomethane	ND		0.00832	0.00132	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Chloroethane	ND		0.0166	0.00314	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Chloroform	ND		0.00832	0.00161	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Chloromethane	ND		0.0166	0.00246	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
2-Chlorotoluene	ND		0.00832	0.00180	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
4-Chlorotoluene	ND		0.00832	0.00181	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
cis-1,2-Dichloroethene	ND		0.00832	0.00200	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
cis-1,3-Dichloropropene	ND		0.00832	0.00195	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2-Dibromo-3-Chloropropane	ND		0.00832	0.00343	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Dibromomethane	ND		0.00832	0.00168	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2-Dichlorobenzene	ND		0.00832	0.00180	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,3-Dichlorobenzene	ND		0.00832	0.00132	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,4-Dichlorobenzene	ND		0.00832	0.00193	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Dichlorobromomethane	ND		0.00832	0.00156	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1-Dichloroethane	ND		0.00832	0.00151	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2-Dichloroethane	ND		0.00832	0.00201	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1-Dichloroethene	ND		0.00832	0.00198	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2-Dichloropropane	ND		0.00832	0.00114	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,3-Dichloropropane	ND		0.00832	0.00191	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
2,2-Dichloropropane	ND		0.00832	0.00193	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1-Dichloropropene	ND		0.00832	0.00170	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Ethyl acetate	ND		0.0832	0.0832	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Ethylbenzene	ND		0.00832	0.00178	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Ethylene Dibromide	ND		0.00832	0.00145	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Hexachlorobutadiene	ND	*-	0.00832	0.00266	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Hexane	ND		0.0166	0.0166	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
2-Hexanone	ND		0.0166	0.0123	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Iodomethane	ND		0.0166	0.00318	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Isopropylbenzene	ND		0.00832	0.00245	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Isopropyl ether	ND		0.0166	0.0166	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
4-Isopropyltoluene	ND		0.00832	0.00566	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Methylene Chloride	ND		0.0333	0.00935	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.0166	0.00542	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Methyl tert-butyl ether	ND		0.00832	0.00291	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
m-Xylene & p-Xylene	ND		0.0166	0.00361	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Naphthalene	ND		0.00832	0.00641	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
n-Butylbenzene	ND		0.00832	0.00293	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
n-Heptane	ND		0.0166	0.0166	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
N-Propylbenzene	ND		0.00832	0.00173	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1

Client Sample ID: 821-SED-Dup — **Lab Sample ID: 752-41441-8**
Date Collected: 01/28/26 13:15 — **Matrix: Solid**
Date Received: 01/28/26 16:52 — **Percent Solids: 83.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00832	0.00220	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
sec-Butylbenzene	ND		0.00832	0.00190	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Styrene	ND		0.00832	0.00423	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
tert-Butylbenzene	ND		0.00832	0.00198	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1,1,2-Tetrachloroethane	ND		0.00832	0.00165	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1,2,2-Tetrachloroethane	ND		0.00832	0.00216	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Tetrachloroethene	ND		0.00832	0.00135	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Toluene	**0.00213**	**J**	0.00832	0.00163	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
trans-1,4-Dichloro-2-butene	ND		0.0166	0.00839	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
trans-1,2-Dichloroethene	ND		0.00832	0.00201	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
trans-1,3-Dichloropropene	ND		0.00832	0.00171	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2,3-Trichlorobenzene	ND		0.00832	0.00434	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2,4-Trichlorobenzene	ND		0.00832	0.00334	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1,1-Trichloroethane	ND		0.00832	0.00240	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1,2-Trichloroethane	ND		0.00832	0.00150	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Trichloroethene	ND		0.00832	0.00115	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Trichlorofluoromethane	ND		0.00832	0.00314	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2,3-Trichloropropane	ND		0.00832	0.00223	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0166	0.00165	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,2,4-Trimethylbenzene	ND		0.00832	0.00195	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
1,3,5-Trimethylbenzene	ND		0.00832	0.00206	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Vinyl acetate	ND		0.0166	0.00552	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Vinyl chloride	ND		0.0166	0.00275	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1
Xylenes, Total	ND		0.00832	0.00220	mg/Kg	☼	02/08/26 11:40	02/10/26 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 127*	*02/08/26 11:40*	*02/10/26 16:48*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*02/08/26 11:40*	*02/10/26 16:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 11:40*	*02/10/26 16:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00357**		0.00271	0.00271	mg/Kg	☼	02/05/26 11:49	02/06/26 14:37	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*10 - 150*	*02/05/26 11:49*	*02/06/26 14:37*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.338	0.00984	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,4,5-Trichlorophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,4,6-Trichlorophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,4-Dichlorophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,4-Dimethylphenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,4-Dinitrophenol	ND		1.01	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,4-Dinitrotoluene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2,6-Dinitrotoluene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2-Chloronaphthalene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2-Chlorophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2-Methylnaphthalene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2-Methylphenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-Dup
Lab Sample ID: 752-41441-8
Date Collected: 01/28/26 13:15
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
2-Nitrophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
3 & 4 Methylphenol	ND		0.676	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
3,3'-Dichlorobenzidine	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
3-Nitroaniline	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4,6-Dinitro-2-methylphenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4-Bromophenyl phenyl ether	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4-Chloro-3-methylphenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4-Chloroaniline	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4-Chlorophenyl phenyl ether	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4-Nitroaniline	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
4-Nitrophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Acenaphthene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Acenaphthylene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Acetophenone	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Anthracene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Atrazine	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Benzaldehyde	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Benzo[a]anthracene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Benzo[a]pyrene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Benzo[b]fluoranthene	**0.0376**	**J**	0.338	0.00143	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Benzo[g,h,i]perylene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Benzo[k]fluoranthene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
bis (2-chloroisopropyl) ether	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Bis(2-chloroethoxy)methane	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Bis(2-chloroethyl)ether	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Bis(2-ethylhexyl) phthalate	ND		0.338	0.102	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Butyl benzyl phthalate	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Caprolactam	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Carbazole	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Chrysene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Dibenz(a,h)anthracene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Dibenzofuran	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Diethyl phthalate	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Dimethyl phthalate	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Di-n-butyl phthalate	ND		1.01	0.307	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Di-n-octyl phthalate	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Fluoranthene	**0.0447**	**J**	0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Fluorene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Hexachlorobenzene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Hexachlorobutadiene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Hexachlorocyclopentadiene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Hexachloroethane	ND	*+	0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Indeno[1,2,3-cd]pyrene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Isophorone	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Naphthalene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Nitrobenzene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
N-Nitrosodi-n-propylamine	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
N-Nitrosodiphenylamine	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1

Client Sample ID: 821-SED-Dup

Date Collected: 01/28/26 13:15
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-8

Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Phenanthrene	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Phenol	ND		0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1
Pyrene	**0.0423**	**J**	0.338	0.0338	mg/Kg	☼	02/05/26 11:50	02/05/26 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*40 - 140*	*02/05/26 11:50*	*02/05/26 19:53*	*1*
2-Fluorobiphenyl (Surr)	*84*		*40 - 140*	*02/05/26 11:50*	*02/05/26 19:53*	*1*
2-Fluorophenol (Surr)	*97*		*40 - 140*	*02/05/26 11:50*	*02/05/26 19:53*	*1*
Nitrobenzene-d5 (Surr)	*105*		*40 - 140*	*02/05/26 11:50*	*02/05/26 19:53*	*1*
Phenol-d5 (Surr)	*98*		*40 - 140*	*02/05/26 11:50*	*02/05/26 19:53*	*1*
Terphenyl-d14 (Surr)	*88*		*40 - 140*	*02/05/26 11:50*	*02/05/26 19:53*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.99	0.866	mg/Kg	☼		02/11/26 16:16	1
Sulfate	**19.5**		11.9	11.7	mg/Kg	☼		02/11/26 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.602	0.137	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Arsenic	**0.698**	**J**	1.44	0.129	mg/Kg	☼	02/06/26 11:30	02/10/26 16:56	20
Barium	**12.9**	**B**	1.50	0.00851	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Beryllium	**0.0866**	**J**	0.301	0.0211	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Cadmium	**0.126**	**J**	0.301	0.00981	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Chromium	**4.58**		0.602	0.124	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Cobalt	**1.88**		0.451	0.0170	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Copper	**8.25**		0.301	0.0313	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Lead	**13.1**		0.301	0.0355	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Manganese	**42.1**		0.602	0.0370	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Nickel	**4.67**	**B**	0.602	0.0157	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Selenium	**0.147**	**J**	1.50	0.107	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Silver	**0.0376**	**J**	0.150	0.00174	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Thallium	ND		0.421	0.0254	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Vanadium	**6.30**		0.602	0.0755	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5
Zinc	**39.1**		1.50	1.25	mg/Kg	☼	02/06/26 11:30	02/07/26 06:46	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.114	0.0166	mg/Kg	☼	02/03/26 15:30	02/04/26 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.164**	**J**	1.09	0.109	mg/Kg	☼	02/09/26 10:03	02/11/26 00:32	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.16	0.370	mg/Kg	☼		02/11/26 16:05	1

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-41441-9
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

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 14:01	1
Benzene	ND		1.00	0.200	ug/L			02/11/26 14:01	1
Bromobenzene	ND		1.00	0.222	ug/L			02/11/26 14:01	1
Bromoform	ND		1.00	0.458	ug/L			02/11/26 14:01	1
Bromomethane	ND		1.00	0.470	ug/L			02/11/26 14:01	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/11/26 14:01	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/11/26 14:01	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/11/26 14:01	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/11/26 14:01	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/11/26 14:01	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/11/26 14:01	1
Chloroethane	ND		1.00	0.374	ug/L			02/11/26 14:01	1
Chloroform	ND		1.00	0.216	ug/L			02/11/26 14:01	1
Chloromethane	ND		1.00	0.371	ug/L			02/11/26 14:01	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/11/26 14:01	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/11/26 14:01	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/11/26 14:01	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/11/26 14:01	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/11/26 14:01	1
Dibromomethane	ND		1.00	0.318	ug/L			02/11/26 14:01	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 14:01	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/11/26 14:01	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 14:01	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/11/26 14:01	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/11/26 14:01	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/11/26 14:01	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/11/26 14:01	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/11/26 14:01	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/11/26 14:01	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/11/26 14:01	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/11/26 14:01	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/11/26 13:56	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/11/26 14:01	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/11/26 14:01	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/11/26 14:01	1
Hexane	ND		10.0	3.63	ug/L			02/11/26 14:01	1
2-Hexanone	ND		10.0	3.47	ug/L			02/11/26 14:01	1
Iodomethane	ND		2.00	0.403	ug/L			02/11/26 14:01	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/11/26 14:01	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/11/26 13:56	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/11/26 14:01	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/11/26 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/11/26 14:01	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/11/26 14:01	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/11/26 14:01	1
Naphthalene	ND		2.00	1.56	ug/L			02/11/26 14:01	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/11/26 14:01	1
n-Heptane	ND		10.0	3.05	ug/L			02/11/26 14:01	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/11/26 14:01	1

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

Job ID: 752-41441-1

Client Sample ID: Trip Blank
Date Collected: 01/28/26 11:00
Date Received: 01/28/26 16:52

Lab Sample ID: 752-41441-9
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			02/11/26 14:01	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/11/26 14:01	1
Styrene	ND		1.00	0.194	ug/L			02/11/26 14:01	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/11/26 14:01	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/11/26 14:01	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/11/26 14:01	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/11/26 14:01	1
Toluene	ND		1.00	0.197	ug/L			02/11/26 14:01	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/11/26 14:01	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/11/26 14:01	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/11/26 14:01	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/11/26 14:01	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/11/26 14:01	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/11/26 14:01	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/11/26 14:01	1
Trichloroethene	ND		1.00	0.211	ug/L			02/11/26 14:01	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/11/26 14:01	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/11/26 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/11/26 14:01	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/11/26 14:01	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/11/26 14:01	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/11/26 14:01	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/11/26 14:01	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/11/26 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 126*		*02/11/26 13:56*	*1*
4-Bromofluorobenzene	*98*		*70 - 126*		*02/11/26 14:01*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*02/11/26 13:56*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*02/11/26 14:01*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*02/11/26 13:56*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/11/26 14:01*	*1*

Surrogate Summary

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

Job ID: 752-41441-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(67-127)	(80-119)	(71-129)
752-41441-1	821-SED-1	94	107	99
752-41441-2	821-SED-2	95	111	101
752-41441-3	821-SED-3	94	106	102
752-41441-4	821-SED-4	95	104	101
752-41441-5	821-SED-5	97	105	101
752-41441-6	821-SED-6	93	105	101
752-41441-7	821-SED-7	97	97	100
752-41441-7	821-SED-7	100	101	102
752-41441-7 DU	821-SED-7	101	101	104
752-41441-7 MS	821-SED-7	104	98	103
752-41441-8	821-SED-Dup	91	106	101
LCS 705-113019/1001	Lab Control Sample	101	100	103
LCS 705-113019/1003	Lab Control Sample	97	98	103
LCS 705-113125/2	Lab Control Sample	103	98	101
LCS 705-113128/1001	Lab Control Sample	102	94	102
LCS 705-113128/1003	Lab Control Sample	94	95	102
LCS 705-113498/7	Lab Control Sample	101	102	103
LCS 705-113498/8	Lab Control Sample	104	99	104
LCSD 705-113019/2	Lab Control Sample Dup	101	98	102
LCSD 705-113019/4	Lab Control Sample Dup	98	100	103
LCSD 705-113128/2	Lab Control Sample Dup	102	97	104
LCSD 705-113128/4	Lab Control Sample Dup	94	97	103
MB 705-113019/6	Method Blank	98	100	100
MB 705-113125/7	Method Blank	95	100	102
MB 705-113128/6	Method Blank	93	97	99
MB 705-113498/6	Method Blank	101	103	102

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)
752-41441-9	Trip Blank	96	106	103
752-41441-9	Trip Blank	98	102	101
LCS 705-113387/1003	Lab Control Sample	97	104	102
LCS 705-113513/1002	Lab Control Sample	103	100	99
MB 705-113387/6	Method Blank	97	101	102
MB 705-113513/7	Method Blank	96	101	102

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)		
752-41441-1	821-SED-1	90	93	105	112	99	100		
752-41441-1 MS	821-SED-1	168 S1+	137	148 S1+	170 S1+	156 S1+	139		
752-41441-1 MSD	821-SED-1	163 S1+	135	150 S1+	172 S1+	156 S1+	136		
752-41441-2	821-SED-2	144 S1+	133	144 S1+	163 S1+	150 S1+	137		
752-41441-3	821-SED-3	100	111	125	131	120	120		
752-41441-4	821-SED-4	144 S1+	135	143 S1+	162 S1+	152 S1+	130		
752-41441-5	821-SED-5	150 S1+	134	142 S1+	160 S1+	150 S1+	134		
752-41441-6	821-SED-6	144 S1+	139	150 S1+	170 S1+	159 S1+	139		
752-41441-7	821-SED-7	142 S1+	142 S1+	151 S1+	169 S1+	159 S1+	143 S1+		
752-41441-8	821-SED-Dup	80	84	97	105	98	88		
LCS 400-737888/2-A	Lab Control Sample	125	114	132	136	144 S1+	125		
LCS 400-738378/2-A	Lab Control Sample	100	96	103	109	101	107		
MB 400-737888/1-A	Method Blank	157 S1+	144 S1+	151 S1+	165 S1+	151 S1+	154 S1+		
MB 400-738378/1-A	Method Blank	97	99	103	107	96	119		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

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

Job ID: 752-41441-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(10-150)
752-41441-1	821-SED-1	44
752-41441-1 MS	821-SED-1	48
752-41441-1 MSD	821-SED-1	47
752-41441-2	821-SED-2	45
752-41441-3	821-SED-3	41
752-41441-4	821-SED-4	43
752-41441-5	821-SED-5	45
752-41441-6	821-SED-6	43
752-41441-7	821-SED-7	44
752-41441-8	821-SED-Dup	48
LCS 400-737891/2-A	Lab Control Sample	50
LCS 400-738379/2-A	Lab Control Sample	52
MB 400-737891/1-A	Method Blank	51
MB 400-738379/1-A	Method Blank	49

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: 752-41441-7 MS
Matrix: Solid
Analysis Batch: 113498

Client Sample ID: 821-SED-7
Prep Type: Total/NA
Prep Batch: 112728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	2.28	J	3.28	5.548	J	mg/Kg	☼	100	32 - 128
Benzene	ND		1.64	1.737		mg/Kg	☼	106	63 - 126
Bromobenzene	ND		1.64	1.565		mg/Kg	☼	96	62 - 130
Bromoform	ND		1.64	1.547		mg/Kg	☼	94	63 - 130
2-Butanone (MEK)	7.35		3.28	10.21		mg/Kg	☼	87	43 - 121
Carbon disulfide	ND		1.64	1.816		mg/Kg	☼	111	40 - 151
Carbon tetrachloride	ND		1.64	1.738		mg/Kg	☼	106	60 - 127
Chlorobenzene	ND		1.64	1.631		mg/Kg	☼	100	60 - 128
Chlorobromomethane	ND	*+	1.64	1.724		mg/Kg	☼	105	68 - 126
Chlorodibromomethane	ND		1.64	1.617		mg/Kg	☼	99	64 - 128
Chloroform	ND	*+	1.64	1.807		mg/Kg	☼	110	62 - 123
Chloromethane	ND		1.64	1.847		mg/Kg	☼	113	50 - 150
2-Chlorotoluene	ND		1.64	1.577		mg/Kg	☼	96	62 - 131
4-Chlorotoluene	ND		1.64	1.577		mg/Kg	☼	96	67 - 129
cis-1,2-Dichloroethene	ND		1.64	1.851		mg/Kg	☼	113	63 - 129
cis-1,3-Dichloropropene	ND		1.64	1.717		mg/Kg	☼	105	64 - 137
1,2-Dibromo-3-Chloropropane	ND		1.64	1.511		mg/Kg	☼	92	60 - 129
Dibromomethane	ND		1.64	1.701		mg/Kg	☼	104	71 - 122
1,2-Dichlorobenzene	ND		1.64	1.586		mg/Kg	☼	97	63 - 126
1,3-Dichlorobenzene	ND		1.64	1.584		mg/Kg	☼	97	60 - 130
1,4-Dichlorobenzene	ND		1.64	1.573		mg/Kg	☼	96	61 - 126
Dichlorobromomethane	ND		1.64	1.687		mg/Kg	☼	103	67 - 124
1,1-Dichloroethane	ND	*+	1.64	1.882		mg/Kg	☼	115	60 - 127
1,2-Dichloroethane	ND		1.64	1.750		mg/Kg	☼	107	61 - 126
1,1-Dichloroethene	ND	*+	1.64	1.903		mg/Kg	☼	116	56 - 130
1,2-Dichloropropane	ND		1.64	1.693		mg/Kg	☼	103	66 - 126
1,3-Dichloropropane	ND		1.64	1.640		mg/Kg	☼	100	71 - 126
2,2-Dichloropropane	ND		1.64	1.602		mg/Kg	☼	98	56 - 130
1,1-Dichloropropene	ND		1.64	1.721		mg/Kg	☼	105	66 - 130
Ethyl acetate	ND		3.28	8.687		mg/Kg	☼	NC	50 - 150
Ethylbenzene	ND		1.64	1.663		mg/Kg	☼	102	60 - 133
Ethylene Dibromide	ND		1.64	1.622		mg/Kg	☼	99	70 - 128
Hexachlorobutadiene	ND		1.64	1.616		mg/Kg	☼	99	54 - 133
Hexane	ND		1.64	1.727		mg/Kg	☼	105	50 - 150
2-Hexanone	ND		3.28	3.268		mg/Kg	☼	100	41 - 122
Iodomethane	0.471	J	1.64	1.336		mg/Kg	☼	53	50 - 150
Isopropylbenzene	ND		1.64	1.618		mg/Kg	☼	99	60 - 136
Isopropyl ether	ND		1.64	1.737		mg/Kg	☼	106	70 - 134
4-Isopropyltoluene	ND		1.64	1.647		mg/Kg	☼	101	66 - 133
Methylene Chloride	ND		1.64	1.828		mg/Kg	☼	112	56 - 129
4-Methyl-2-pentanone (MIBK)	ND		3.28	3.512		mg/Kg	☼	107	40 - 127
Methyl tert-butyl ether	ND	*+	1.64	1.937		mg/Kg	☼	118	51 - 131
m-Xylene & p-Xylene	ND		1.64	1.678		mg/Kg	☼	103	60 - 132
Naphthalene	ND		1.64	1.575		mg/Kg	☼	96	52 - 135
n-Butylbenzene	ND		1.64	1.663		mg/Kg	☼	102	60 - 136
n-Heptane	ND		1.64	2.176		mg/Kg	☼	133	50 - 150
N-Propylbenzene	ND		1.64	1.616		mg/Kg	☼	99	63 - 134
o-Xylene	ND		1.64	1.679		mg/Kg	☼	103	60 - 132

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

Lab Sample ID: 752-41441-7 MS
Matrix: Solid
Analysis Batch: 113498

Client Sample ID: 821-SED-7
Prep Type: Total/NA
Prep Batch: 112728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	ND		1.64	1.631		mg/Kg	☼	100	65 - 135
Styrene	ND		1.64	1.680		mg/Kg	☼	103	64 - 133
tert-Butylbenzene	ND		1.64	1.687		mg/Kg	☼	103	62 - 133
1,1,1,2-Tetrachloroethane	ND		1.64	1.607		mg/Kg	☼	98	64 - 128
1,1,2,2-Tetrachloroethane	ND		1.64	1.488		mg/Kg	☼	91	64 - 129
Toluene	ND		1.64	1.766		mg/Kg	☼	108	61 - 130
trans-1,4-Dichloro-2-butene	ND		1.64	1.320		mg/Kg	☼	81	30 - 170
trans-1,2-Dichloroethene	ND		1.64	1.892		mg/Kg	☼	116	61 - 128
trans-1,3-Dichloropropene	ND		1.64	1.696		mg/Kg	☼	104	62 - 136
1,2,3-Trichlorobenzene	ND		1.64	1.637		mg/Kg	☼	100	57 - 135
1,2,4-Trichlorobenzene	ND		1.64	1.601		mg/Kg	☼	98	59 - 135
1,1,1-Trichloroethane	ND		1.64	1.827		mg/Kg	☼	112	61 - 125
1,1,2-Trichloroethane	ND		1.64	1.799		mg/Kg	☼	110	67 - 130
Trichloroethene	ND		1.64	1.770		mg/Kg	☼	108	61 - 129
Trichlorofluoromethane	ND		1.64	1.872		mg/Kg	☼	114	50 - 150
1,2,3-Trichloropropane	ND		1.64	1.523		mg/Kg	☼	93	66 - 128
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	1.64	1.897		mg/Kg	☼	116	34 - 124
1,2,4-Trimethylbenzene	ND		1.64	1.595		mg/Kg	☼	97	66 - 130
1,3,5-Trimethylbenzene	ND		1.64	1.599		mg/Kg	☼	98	64 - 132
Vinyl chloride	ND		1.64	1.666		mg/Kg	☼	102	58 - 134
Xylenes, Total	ND		3.28	3.357		mg/Kg	☼	103	60 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

Lab Sample ID: 752-41441-7 DU
Matrix: Solid
Analysis Batch: 113498

Client Sample ID: 821-SED-7
Prep Type: Total/NA
Prep Batch: 112728

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	2.28	J	2.507	J	mg/Kg	☼	9	61
Benzene	ND		ND		mg/Kg	☼	NC	20
Bromobenzene	ND		ND		mg/Kg	☼	NC	20
Bromoform	ND		ND		mg/Kg	☼	NC	20
Bromomethane	ND	F1	ND		mg/Kg	☼	NC	100
2-Butanone (MEK)	7.35		7.608		mg/Kg	☼	3	61
Carbon disulfide	ND		ND		mg/Kg	☼	NC	61
Carbon tetrachloride	ND		ND		mg/Kg	☼	NC	19
Chlorobenzene	ND		ND		mg/Kg	☼	NC	20
Chlorobromomethane	ND	*+	ND	*+	mg/Kg	☼	NC	20
Chlorodibromomethane	ND		ND		mg/Kg	☼	NC	20
Chloroethane	ND	F1	ND		mg/Kg	☼	NC	100
Chloroform	ND	*+	ND	*+	mg/Kg	☼	NC	20
Chloromethane	ND		ND		mg/Kg	☼	NC	100
2-Chlorotoluene	ND		ND		mg/Kg	☼	NC	20
4-Chlorotoluene	ND		ND		mg/Kg	☼	NC	20

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

Lab Sample ID: 752-41441-7 DU
Matrix: Solid
Analysis Batch: 113498

Client Sample ID: 821-SED-7
Prep Type: Total/NA
Prep Batch: 112728

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
cis-1,2-Dichloroethene	ND		ND		mg/Kg	☼	NC	20
cis-1,3-Dichloropropene	ND		ND		mg/Kg	☼	NC	20
1,2-Dibromo-3-Chloropropane	ND		ND		mg/Kg	☼	NC	20
Dibromomethane	ND		ND		mg/Kg	☼	NC	20
1,2-Dichlorobenzene	ND		ND		mg/Kg	☼	NC	20
1,3-Dichlorobenzene	ND		ND		mg/Kg	☼	NC	20
1,4-Dichlorobenzene	ND		ND		mg/Kg	☼	NC	20
Dichlorobromomethane	ND		ND		mg/Kg	☼	NC	20
1,1-Dichloroethane	ND	*+	ND	*+	mg/Kg	☼	NC	20
1,2-Dichloroethane	ND		ND		mg/Kg	☼	NC	20
1,1-Dichloroethene	ND	*+	ND	*+	mg/Kg	☼	NC	23
1,2-Dichloropropane	ND		ND		mg/Kg	☼	NC	20
1,3-Dichloropropane	ND		ND		mg/Kg	☼	NC	20
2,2-Dichloropropane	ND		ND		mg/Kg	☼	NC	22
1,1-Dichloropropene	ND		ND		mg/Kg	☼	NC	20
Ethyl acetate	ND		ND		mg/Kg	☼	NC	50
Ethylbenzene	ND		ND		mg/Kg	☼	NC	20
Ethylene Dibromide	ND		ND		mg/Kg	☼	NC	20
Hexachlorobutadiene	ND		ND		mg/Kg	☼	NC	21
Hexane	ND		ND		mg/Kg	☼	NC	50
2-Hexanone	ND		ND		mg/Kg	☼	NC	60
Iodomethane	0.471	J	0.4743	J	mg/Kg	☼	0.7	50
Isopropylbenzene	ND		ND		mg/Kg	☼	NC	20
Isopropyl ether	ND		ND		mg/Kg	☼	NC	50
4-Isopropyltoluene	ND		ND		mg/Kg	☼	NC	20
Methylene Chloride	ND		ND		mg/Kg	☼	NC	20
4-Methyl-2-pentanone (MIBK)	ND		ND		mg/Kg	☼	NC	63
Methyl tert-butyl ether	ND	*+	ND	*+	mg/Kg	☼	NC	30
m-Xylene & p-Xylene	ND		ND		mg/Kg	☼	NC	20
Naphthalene	ND		ND		mg/Kg	☼	NC	17
n-Butylbenzene	ND		ND		mg/Kg	☼	NC	20
n-Heptane	ND		ND		mg/Kg	☼	NC	50
N-Propylbenzene	ND		ND		mg/Kg	☼	NC	20
o-Xylene	ND		ND		mg/Kg	☼	NC	20
sec-Butylbenzene	ND		ND		mg/Kg	☼	NC	20
Styrene	ND		ND		mg/Kg	☼	NC	20
tert-Butylbenzene	ND		ND		mg/Kg	☼	NC	20
1,1,1,2-Tetrachloroethane	ND		ND		mg/Kg	☼	NC	20
1,1,2,2-Tetrachloroethane	ND		ND		mg/Kg	☼	NC	20
Tetrachloroethene	ND	F1	ND		mg/Kg	☼	NC	20
Toluene	ND		ND		mg/Kg	☼	NC	20
trans-1,4-Dichloro-2-butene	ND		ND		mg/Kg	☼	NC	100
trans-1,2-Dichloroethene	ND		ND		mg/Kg	☼	NC	18
trans-1,3-Dichloropropene	ND		ND		mg/Kg	☼	NC	18
1,2,3-Trichlorobenzene	ND		ND		mg/Kg	☼	NC	20
1,2,4-Trichlorobenzene	ND		ND		mg/Kg	☼	NC	20
1,1,1-Trichloroethane	ND		ND		mg/Kg	☼	NC	18
1,1,2-Trichloroethane	ND		ND		mg/Kg	☼	NC	20
Trichloroethene	ND		ND		mg/Kg	☼	NC	20

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

Lab Sample ID: 752-41441-7 DU
Matrix: Solid
Analysis Batch: 113498

Client Sample ID: 821-SED-7
Prep Type: Total/NA
Prep Batch: 112728

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Trichlorofluoromethane	ND			ND		mg/Kg	☼			NC	50
1,2,3-Trichloropropane	ND			ND		mg/Kg	☼			NC	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+		ND	*+	mg/Kg	☼			NC	20
1,2,4-Trimethylbenzene	ND			ND		mg/Kg	☼			NC	20
1,3,5-Trimethylbenzene	ND			ND		mg/Kg	☼			NC	20
Vinyl acetate	ND	F1		ND		mg/Kg	☼			NC	50
Vinyl chloride	ND			ND		mg/Kg	☼			NC	19
Xylenes, Total	ND			ND		mg/Kg	☼			NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*104*		*71 - 129*

Lab Sample ID: MB 705-113019/6
Matrix: Solid
Analysis Batch: 113019

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			02/09/26 22:01	1
Benzene	ND		0.00500	0.000756	mg/Kg			02/09/26 22:01	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			02/09/26 22:01	1
Bromoform	ND		0.00500	0.00212	mg/Kg			02/09/26 22:01	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			02/09/26 22:01	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			02/09/26 22:01	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			02/09/26 22:01	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			02/09/26 22:01	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			02/09/26 22:01	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			02/09/26 22:01	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			02/09/26 22:01	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			02/09/26 22:01	1
Chloroform	ND		0.00500	0.000969	mg/Kg			02/09/26 22:01	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			02/09/26 22:01	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			02/09/26 22:01	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			02/09/26 22:01	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			02/09/26 22:01	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			02/09/26 22:01	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			02/09/26 22:01	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			02/09/26 22:01	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			02/09/26 22:01	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			02/09/26 22:01	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			02/09/26 22:01	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			02/09/26 22:01	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			02/09/26 22:01	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			02/09/26 22:01	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			02/09/26 22:01	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			02/09/26 22:01	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			02/09/26 22:01	1

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

Lab Sample ID: MB 705-113019/6
Matrix: Solid
Analysis Batch: 113019

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			02/09/26 22:01	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			02/09/26 22:01	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			02/09/26 22:01	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			02/09/26 22:01	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			02/09/26 22:01	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			02/09/26 22:01	1
Hexane	ND		0.0100	0.0100	mg/Kg			02/09/26 22:01	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			02/09/26 22:01	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			02/09/26 22:01	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			02/09/26 22:01	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			02/09/26 22:01	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			02/09/26 22:01	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			02/09/26 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			02/09/26 22:01	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			02/09/26 22:01	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			02/09/26 22:01	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			02/09/26 22:01	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			02/09/26 22:01	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			02/09/26 22:01	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			02/09/26 22:01	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			02/09/26 22:01	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			02/09/26 22:01	1
Styrene	ND		0.00500	0.00254	mg/Kg			02/09/26 22:01	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			02/09/26 22:01	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			02/09/26 22:01	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			02/09/26 22:01	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			02/09/26 22:01	1
Toluene	ND		0.00500	0.000982	mg/Kg			02/09/26 22:01	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			02/09/26 22:01	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			02/09/26 22:01	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			02/09/26 22:01	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			02/09/26 22:01	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			02/09/26 22:01	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			02/09/26 22:01	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			02/09/26 22:01	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			02/09/26 22:01	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			02/09/26 22:01	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			02/09/26 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			02/09/26 22:01	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			02/09/26 22:01	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			02/09/26 22:01	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			02/09/26 22:01	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			02/09/26 22:01	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			02/09/26 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 127*		*02/09/26 22:01*	*1*
Dibromofluoromethane	*100*		*80 - 119*		*02/09/26 22:01*	*1*

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

Lab Sample ID: MB 705-113019/6
Matrix: Solid
Analysis Batch: 113019

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 129		02/09/26 22:01	1

Lab Sample ID: LCS 705-113019/1001
Matrix: Solid
Analysis Batch: 113019

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.08361	J	mg/Kg		84	70 - 131
Benzene	0.0500	0.05226		mg/Kg		105	79 - 120
Bromobenzene	0.0500	0.04585		mg/Kg		92	75 - 118
Bromoform	0.0500	0.04529		mg/Kg		91	71 - 136
Bromomethane	0.0500	0.05292		mg/Kg		106	62 - 134
2-Butanone (MEK)	0.100	0.09397		mg/Kg		94	73 - 134
Carbon disulfide	0.0500	0.04873		mg/Kg		97	80 - 127
Carbon tetrachloride	0.0500	0.04924		mg/Kg		98	72 - 132
Chlorobenzene	0.0500	0.04783		mg/Kg		96	80 - 120
Chlorobromomethane	0.0500	0.04706		mg/Kg		94	79 - 122
Chlorodibromomethane	0.0500	0.04719		mg/Kg		94	81 - 123
Chloroethane	0.0500	0.04883		mg/Kg		98	66 - 130
Chloroform	0.0500	0.04766		mg/Kg		95	74 - 120
Chloromethane	0.0500	0.04480		mg/Kg		90	64 - 131
2-Chlorotoluene	0.0500	0.04698		mg/Kg		94	74 - 122
4-Chlorotoluene	0.0500	0.04681		mg/Kg		94	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04823		mg/Kg		96	78 - 122
cis-1,3-Dichloropropene	0.0500	0.05001		mg/Kg		100	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04346		mg/Kg		87	68 - 125
Dibromomethane	0.0500	0.04942		mg/Kg		99	82 - 119
1,2-Dichlorobenzene	0.0500	0.04725		mg/Kg		94	80 - 120
1,3-Dichlorobenzene	0.0500	0.04813		mg/Kg		96	78 - 120
1,4-Dichlorobenzene	0.0500	0.04655		mg/Kg		93	79 - 120
Dichlorobromomethane	0.0500	0.05078		mg/Kg		102	80 - 122
1,1-Dichloroethane	0.0500	0.04822		mg/Kg		96	72 - 123
1,2-Dichloroethane	0.0500	0.05002		mg/Kg		100	73 - 123
1,1-Dichloroethene	0.0500	0.04715		mg/Kg		94	74 - 126
1,2-Dichloropropane	0.0500	0.05023		mg/Kg		100	78 - 122
1,3-Dichloropropane	0.0500	0.04696		mg/Kg		94	82 - 120
2,2-Dichloropropane	0.0500	0.04769		mg/Kg		95	70 - 132
1,1-Dichloropropene	0.0500	0.05018		mg/Kg		100	74 - 126
Ethylbenzene	0.0500	0.04957		mg/Kg		99	80 - 121
Ethylene Dibromide	0.0500	0.04619		mg/Kg		92	82 - 118
Hexachlorobutadiene	0.0500	0.04440		mg/Kg		89	81 - 123
Hexane	0.0500	0.04942		mg/Kg		99	25 - 150
2-Hexanone	0.100	0.09492		mg/Kg		95	81 - 132
Iodomethane	0.0500	0.05553		mg/Kg		111	50 - 150
Isopropylbenzene	0.0500	0.04795		mg/Kg		96	72 - 129
4-Isopropyltoluene	0.0500	0.04913		mg/Kg		98	73 - 131
Methylene Chloride	0.0500	0.04749		mg/Kg		95	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1001		mg/Kg		100	81 - 135

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

Lab Sample ID: LCS 705-113019/1001
Matrix: Solid
Analysis Batch: 113019

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	0.0500	0.04627		mg/Kg		93	80 - 122
m-Xylene & p-Xylene	0.0500	0.04745		mg/Kg		95	79 - 123
Naphthalene	0.0500	0.04158		mg/Kg		83	66 - 128
n-Butylbenzene	0.0500	0.05012		mg/Kg		100	73 - 132
n-Heptane	0.0500	0.04915		mg/Kg		98	25 - 150
N-Propylbenzene	0.0500	0.04783		mg/Kg		96	74 - 127
o-Xylene	0.0500	0.05030		mg/Kg		101	78 - 122
sec-Butylbenzene	0.0500	0.04832		mg/Kg		97	72 - 131
Styrene	0.0500	0.05062		mg/Kg		101	79 - 128
tert-Butylbenzene	0.0500	0.04717		mg/Kg		94	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04774		mg/Kg		95	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.04394		mg/Kg		88	73 - 121
Tetrachloroethene	0.0500	0.04821		mg/Kg		96	74 - 121
Toluene	0.0500	0.04988		mg/Kg		100	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.04395		mg/Kg		88	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05156		mg/Kg		103	76 - 124
trans-1,3-Dichloropropene	0.0500	0.05034		mg/Kg		101	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04312		mg/Kg		86	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04543		mg/Kg		91	69 - 130
1,1,1-Trichloroethane	0.0500	0.04759		mg/Kg		95	73 - 126
1,1,2-Trichloroethane	0.0500	0.04957		mg/Kg		99	77 - 124
Trichloroethene	0.0500	0.04995		mg/Kg		100	79 - 121
Trichlorofluoromethane	0.0500	0.04539		mg/Kg		91	77 - 128
1,2,3-Trichloropropane	0.0500	0.04295		mg/Kg		86	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04788		mg/Kg		96	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04831		mg/Kg		97	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04756		mg/Kg		95	74 - 128
Vinyl acetate	0.100	0.09456		mg/Kg		95	50 - 150
Vinyl chloride	0.0500	0.05525		mg/Kg		111	68 - 130
Xylenes, Total	0.100	0.09775		mg/Kg		98	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*100*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

Lab Sample ID: LCS 705-113019/1003
Matrix: Solid
Analysis Batch: 113019

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	0.100	0.09296		mg/Kg		93	25 - 150
Isopropyl ether	0.0500	0.05383		mg/Kg		108	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*

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

Lab Sample ID: LCS 705-113019/1003
Matrix: Solid
Analysis Batch: 113019

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	103		71 - 129

Lab Sample ID: LCSD 705-113019/2
Matrix: Solid
Analysis Batch: 113019

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.08554	J	mg/Kg		86	70 - 131	2	50
Benzene			0.0500	0.04804		mg/Kg		96	79 - 120	8	30
Bromobenzene			0.0500	0.04157		mg/Kg		83	75 - 118	10	20
Bromoform			0.0500	0.03963		mg/Kg		79	71 - 136	13	20
Bromomethane			0.0500	0.05125		mg/Kg		103	62 - 134	3	90
2-Butanone (MEK)			0.100	0.09018		mg/Kg		90	73 - 134	4	50
Carbon disulfide			0.0500	0.04762		mg/Kg		95	80 - 127	2	50
Carbon tetrachloride			0.0500	0.04540		mg/Kg		91	72 - 132	8	20
Chlorobenzene			0.0500	0.04365		mg/Kg		87	80 - 120	9	30
Chlorobromomethane			0.0500	0.04376		mg/Kg		88	79 - 122	7	20
Chlorodibromomethane			0.0500	0.04172		mg/Kg		83	81 - 123	12	20
Chloroethane			0.0500	0.04549		mg/Kg		91	66 - 130	7	57
Chloroform			0.0500	0.04371		mg/Kg		87	74 - 120	9	20
Chloromethane			0.0500	0.04322		mg/Kg		86	64 - 131	4	99
2-Chlorotoluene			0.0500	0.04270		mg/Kg		85	74 - 122	10	20
4-Chlorotoluene			0.0500	0.04326		mg/Kg		87	75 - 121	8	20
cis-1,2-Dichloroethene			0.0500	0.04463		mg/Kg		89	78 - 122	8	20
cis-1,3-Dichloropropene			0.0500	0.04583		mg/Kg		92	75 - 134	9	20
1,2-Dibromo-3-Chloropropane			0.0500	0.03867		mg/Kg		77	68 - 125	12	20
Dibromomethane			0.0500	0.04441		mg/Kg		89	82 - 119	11	20
1,2-Dichlorobenzene			0.0500	0.04192		mg/Kg		84	80 - 120	12	20
1,3-Dichlorobenzene			0.0500	0.04344		mg/Kg		87	78 - 120	10	20
1,4-Dichlorobenzene			0.0500	0.04284		mg/Kg		86	79 - 120	8	20
Dichlorobromomethane			0.0500	0.04544		mg/Kg		91	80 - 122	11	20
1,1-Dichloroethane			0.0500	0.04550		mg/Kg		91	72 - 123	6	20
1,2-Dichloroethane			0.0500	0.04484		mg/Kg		90	73 - 123	11	20
1,1-Dichloroethene			0.0500	0.04695		mg/Kg		94	74 - 126	0	30
1,2-Dichloropropane			0.0500	0.04451		mg/Kg		89	78 - 122	12	20
1,3-Dichloropropane			0.0500	0.04129		mg/Kg		83	82 - 120	13	20
2,2-Dichloropropane			0.0500	0.04577		mg/Kg		92	70 - 132	4	20
1,1-Dichloropropene			0.0500	0.04692		mg/Kg		94	74 - 126	7	20
Ethylbenzene			0.0500	0.04524		mg/Kg		90	80 - 121	9	30
Ethylene Dibromide			0.0500	0.04151		mg/Kg		83	82 - 118	11	20
Hexachlorobutadiene			0.0500	0.04156		mg/Kg		83	81 - 123	7	20
Hexane			0.0500	0.04706		mg/Kg		94	25 - 150	5	50
2-Hexanone			0.100	0.08508		mg/Kg		85	81 - 132	11	50
Iodomethane			0.0500	0.05255		mg/Kg		105	50 - 150	6	50
Isopropylbenzene			0.0500	0.04426		mg/Kg		89	72 - 129	8	20
4-Isopropyltoluene			0.0500	0.04527		mg/Kg		91	73 - 131	8	20
Methylene Chloride			0.0500	0.04391		mg/Kg		88	72 - 122	8	20
4-Methyl-2-pentanone (MIBK)			0.100	0.08922		mg/Kg		89	81 - 135	11	50

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

Lab Sample ID: LCSD 705-113019/2
Matrix: Solid
Analysis Batch: 113019

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			0.0500	0.04221		mg/Kg		84	80 - 122	9	20
m-Xylene & p-Xylene			0.0500	0.04333		mg/Kg		87	79 - 123	9	30
Naphthalene			0.0500	0.03924		mg/Kg		78	66 - 128	6	30
n-Butylbenzene			0.0500	0.04622		mg/Kg		92	73 - 132	8	20
n-Heptane			0.0500	0.04604		mg/Kg		92	25 - 150	7	50
N-Propylbenzene			0.0500	0.04452		mg/Kg		89	74 - 127	7	20
o-Xylene			0.0500	0.04551		mg/Kg		91	78 - 122	10	30
sec-Butylbenzene			0.0500	0.04465		mg/Kg		89	72 - 131	8	20
Styrene			0.0500	0.04568		mg/Kg		91	79 - 128	10	20
tert-Butylbenzene			0.0500	0.04390		mg/Kg		88	73 - 128	7	20
1,1,1,2-Tetrachloroethane			0.0500	0.04234		mg/Kg		85	78 - 124	12	20
1,1,2,2-Tetrachloroethane			0.0500	0.03830		mg/Kg		77	73 - 121	14	20
Tetrachloroethene			0.0500	0.04450		mg/Kg		89	74 - 121	8	20
Toluene			0.0500	0.04562		mg/Kg		91	77 - 123	9	30
trans-1,4-Dichloro-2-butene			0.0500	0.03937		mg/Kg		79	50 - 150	11	50
trans-1,2-Dichloroethene			0.0500	0.04987		mg/Kg		100	76 - 124	3	20
trans-1,3-Dichloropropene			0.0500	0.04579		mg/Kg		92	70 - 131	9	20
1,2,3-Trichlorobenzene			0.0500	0.03916		mg/Kg		78	70 - 128	10	20
1,2,4-Trichlorobenzene			0.0500	0.04267		mg/Kg		85	69 - 130	6	20
1,1,1-Trichloroethane			0.0500	0.04480		mg/Kg		90	73 - 126	6	20
1,1,2-Trichloroethane			0.0500	0.04506		mg/Kg		90	77 - 124	10	20
Trichloroethene			0.0500	0.04646		mg/Kg		93	79 - 121	7	30
Trichlorofluoromethane			0.0500	0.04360		mg/Kg		87	77 - 128	4	50
1,2,3-Trichloropropane			0.0500	0.03775		mg/Kg		75	68 - 125	13	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04532		mg/Kg		91	80 - 121	5	50
1,2,4-Trimethylbenzene			0.0500	0.04413		mg/Kg		88	75 - 125	9	20
1,3,5-Trimethylbenzene			0.0500	0.04381		mg/Kg		88	74 - 128	8	20
Vinyl acetate			0.100	0.08578		mg/Kg		86	50 - 150	10	50
Vinyl chloride			0.0500	0.05326		mg/Kg		107	68 - 130	4	20
Xylenes, Total			0.100	0.08884		mg/Kg		89	79 - 122	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

Lab Sample ID: LCSD 705-113019/4
Matrix: Solid
Analysis Batch: 113019

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl acetate			0.100	0.08758		mg/Kg		88	25 - 150	6	50
Isopropyl ether			0.0500	0.05097		mg/Kg		102	50 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 127*
Dibromofluoromethane	*100*		*80 - 119*

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

Lab Sample ID: LCSD 705-113019/4
Matrix: Solid
Analysis Batch: 113019

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	103		71 - 129

Lab Sample ID: MB 705-113125/7
Matrix: Solid
Analysis Batch: 113125

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	1.11	mg/Kg			02/10/26 13:49	50
Benzene	ND		0.250	0.0378	mg/Kg			02/10/26 13:49	50
Bromobenzene	ND		0.250	0.0472	mg/Kg			02/10/26 13:49	50
Bromoform	ND		0.250	0.106	mg/Kg			02/10/26 13:49	50
Bromomethane	ND		0.250	0.0985	mg/Kg			02/10/26 13:49	50
2-Butanone (MEK)	ND		2.50	0.278	mg/Kg			02/10/26 13:49	50
Carbon disulfide	ND		0.500	0.128	mg/Kg			02/10/26 13:49	50
Carbon tetrachloride	ND		0.250	0.0474	mg/Kg			02/10/26 13:49	50
Chlorobenzene	ND		0.250	0.0420	mg/Kg			02/10/26 13:49	50
Chlorobromomethane	ND		0.250	0.0600	mg/Kg			02/10/26 13:49	50
Chlorodibromomethane	ND		0.250	0.0398	mg/Kg			02/10/26 13:49	50
Chloroethane	ND		0.500	0.0945	mg/Kg			02/10/26 13:49	50
Chloroform	ND		0.250	0.0485	mg/Kg			02/10/26 13:49	50
Chloromethane	ND		0.500	0.0740	mg/Kg			02/10/26 13:49	50
2-Chlorotoluene	ND		0.250	0.0540	mg/Kg			02/10/26 13:49	50
4-Chlorotoluene	ND		0.250	0.0545	mg/Kg			02/10/26 13:49	50
cis-1,2-Dichloroethene	ND		0.250	0.0600	mg/Kg			02/10/26 13:49	50
cis-1,3-Dichloropropene	ND		0.250	0.0585	mg/Kg			02/10/26 13:49	50
1,2-Dibromo-3-Chloropropane	ND		0.250	0.103	mg/Kg			02/10/26 13:49	50
Dibromomethane	ND		0.250	0.0505	mg/Kg			02/10/26 13:49	50
1,2-Dichlorobenzene	ND		0.250	0.0540	mg/Kg			02/10/26 13:49	50
1,3-Dichlorobenzene	ND		0.250	0.0398	mg/Kg			02/10/26 13:49	50
1,4-Dichlorobenzene	ND		0.250	0.0580	mg/Kg			02/10/26 13:49	50
Dichlorobromomethane	ND		0.250	0.0469	mg/Kg			02/10/26 13:49	50
1,1-Dichloroethane	ND		0.250	0.0453	mg/Kg			02/10/26 13:49	50
1,2-Dichloroethane	ND		0.250	0.0605	mg/Kg			02/10/26 13:49	50
1,1-Dichloroethene	ND		0.250	0.0595	mg/Kg			02/10/26 13:49	50
1,2-Dichloropropane	ND		0.250	0.0343	mg/Kg			02/10/26 13:49	50
1,3-Dichloropropane	ND		0.250	0.0575	mg/Kg			02/10/26 13:49	50
2,2-Dichloropropane	ND		0.250	0.0580	mg/Kg			02/10/26 13:49	50
1,1-Dichloropropene	ND		0.250	0.0510	mg/Kg			02/10/26 13:49	50
Ethyl acetate	ND		2.50	2.50	mg/Kg			02/10/26 13:49	50
Ethylbenzene	ND		0.250	0.0535	mg/Kg			02/10/26 13:49	50
Ethylene Dibromide	ND		0.250	0.0437	mg/Kg			02/10/26 13:49	50
Hexachlorobutadiene	ND		0.250	0.0800	mg/Kg			02/10/26 13:49	50
Hexane	ND		0.500	0.500	mg/Kg			02/10/26 13:49	50
2-Hexanone	ND		0.500	0.369	mg/Kg			02/10/26 13:49	50
Iodomethane	ND		0.500	0.0955	mg/Kg			02/10/26 13:49	50
Isopropylbenzene	ND		0.250	0.0735	mg/Kg			02/10/26 13:49	50
Isopropyl ether	ND		0.500	0.500	mg/Kg			02/10/26 13:49	50
4-Isopropyltoluene	ND		0.250	0.170	mg/Kg			02/10/26 13:49	50

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

Lab Sample ID: MB 705-113125/7
Matrix: Solid
Analysis Batch: 113125

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.00	0.281	mg/Kg			02/10/26 13:49	50
4-Methyl-2-pentanone (MIBK)	ND		0.500	0.163	mg/Kg			02/10/26 13:49	50
Methyl tert-butyl ether	ND		0.250	0.0875	mg/Kg			02/10/26 13:49	50
m-Xylene & p-Xylene	ND		0.500	0.109	mg/Kg			02/10/26 13:49	50
Naphthalene	ND		0.250	0.193	mg/Kg			02/10/26 13:49	50
n-Butylbenzene	ND		0.250	0.0880	mg/Kg			02/10/26 13:49	50
n-Heptane	ND		0.500	0.500	mg/Kg			02/10/26 13:49	50
N-Propylbenzene	ND		0.250	0.0520	mg/Kg			02/10/26 13:49	50
o-Xylene	ND		0.250	0.0660	mg/Kg			02/10/26 13:49	50
sec-Butylbenzene	ND		0.250	0.0570	mg/Kg			02/10/26 13:49	50
Styrene	ND		0.250	0.127	mg/Kg			02/10/26 13:49	50
tert-Butylbenzene	ND		0.250	0.0595	mg/Kg			02/10/26 13:49	50
1,1,1,2-Tetrachloroethane	ND		0.250	0.0495	mg/Kg			02/10/26 13:49	50
1,1,2,2-Tetrachloroethane	ND		0.250	0.0650	mg/Kg			02/10/26 13:49	50
Tetrachloroethene	ND		0.250	0.0407	mg/Kg			02/10/26 13:49	50
Toluene	ND		0.250	0.0491	mg/Kg			02/10/26 13:49	50
trans-1,4-Dichloro-2-butene	ND		0.500	0.252	mg/Kg			02/10/26 13:49	50
trans-1,2-Dichloroethene	ND		0.250	0.0605	mg/Kg			02/10/26 13:49	50
trans-1,3-Dichloropropene	ND		0.250	0.0515	mg/Kg			02/10/26 13:49	50
1,2,3-Trichlorobenzene	ND		0.250	0.131	mg/Kg			02/10/26 13:49	50
1,2,4-Trichlorobenzene	ND		0.250	0.101	mg/Kg			02/10/26 13:49	50
1,1,1-Trichloroethane	ND		0.250	0.0720	mg/Kg			02/10/26 13:49	50
1,1,2-Trichloroethane	ND		0.250	0.0450	mg/Kg			02/10/26 13:49	50
Trichloroethene	ND		0.250	0.0347	mg/Kg			02/10/26 13:49	50
Trichlorofluoromethane	ND		0.250	0.0945	mg/Kg			02/10/26 13:49	50
1,2,3-Trichloropropane	ND		0.250	0.0670	mg/Kg			02/10/26 13:49	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.500	0.0497	mg/Kg			02/10/26 13:49	50
1,2,4-Trimethylbenzene	ND		0.250	0.0585	mg/Kg			02/10/26 13:49	50
1,3,5-Trimethylbenzene	ND		0.250	0.0620	mg/Kg			02/10/26 13:49	50
Vinyl acetate	ND		0.500	0.166	mg/Kg			02/10/26 13:49	50
Vinyl chloride	ND		0.500	0.0825	mg/Kg			02/10/26 13:49	50
Xylenes, Total	ND		0.250	0.0660	mg/Kg			02/10/26 13:49	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*		*02/10/26 13:49*	*50*
Dibromofluoromethane	*100*		*80 - 119*		*02/10/26 13:49*	*50*
Toluene-d8 (Surr)	*102*		*71 - 129*		*02/10/26 13:49*	*50*

Lab Sample ID: LCS 705-113125/2
Matrix: Solid
Analysis Batch: 113125

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	2.00	2.250	J	mg/Kg		113	70 - 131
Benzene	1.00	0.9564		mg/Kg		96	79 - 120
Bromobenzene	1.00	0.9126		mg/Kg		91	75 - 118
Bromoform	1.00	0.9406		mg/Kg		94	71 - 136
Bromomethane	1.00	0.8312		mg/Kg		83	62 - 134

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

Lab Sample ID: LCS 705-113125/2
Matrix: Solid
Analysis Batch: 113125

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)	2.00	2.331	J	mg/Kg		117	73 - 134
Carbon disulfide	1.00	0.9574		mg/Kg		96	80 - 127
Carbon tetrachloride	1.00	0.9506		mg/Kg		95	72 - 132
Chlorobenzene	1.00	0.9571		mg/Kg		96	80 - 120
Chlorobromomethane	1.00	0.9975		mg/Kg		100	79 - 122
Chlorodibromomethane	1.00	0.9460		mg/Kg		95	81 - 123
Chloroethane	1.00	0.9138		mg/Kg		91	66 - 130
Chloroform	1.00	0.9755		mg/Kg		98	74 - 120
Chloromethane	1.00	0.8173		mg/Kg		82	64 - 131
2-Chlorotoluene	1.00	0.9023		mg/Kg		90	74 - 122
4-Chlorotoluene	1.00	0.9211		mg/Kg		92	75 - 121
cis-1,2-Dichloroethene	1.00	0.9959		mg/Kg		100	78 - 122
cis-1,3-Dichloropropene	1.00	0.9624		mg/Kg		96	75 - 134
1,2-Dibromo-3-Chloropropane	1.00	1.012		mg/Kg		101	68 - 125
Dibromomethane	1.00	1.007		mg/Kg		101	82 - 119
1,2-Dichlorobenzene	1.00	0.9407		mg/Kg		94	80 - 120
1,3-Dichlorobenzene	1.00	0.9225		mg/Kg		92	78 - 120
1,4-Dichlorobenzene	1.00	0.9512		mg/Kg		95	79 - 120
Dichlorobromomethane	1.00	0.9698		mg/Kg		97	80 - 122
1,1-Dichloroethane	1.00	0.9716		mg/Kg		97	72 - 123
1,2-Dichloroethane	1.00	0.9396		mg/Kg		94	73 - 123
1,1-Dichloroethene	1.00	0.9839		mg/Kg		98	74 - 126
1,2-Dichloropropane	1.00	0.9405		mg/Kg		94	78 - 122
1,3-Dichloropropane	1.00	0.9552		mg/Kg		96	82 - 120
2,2-Dichloropropane	1.00	0.9689		mg/Kg		97	70 - 132
1,1-Dichloropropene	1.00	1.010		mg/Kg		101	74 - 126
Ethylbenzene	1.00	0.9612		mg/Kg		96	80 - 121
Ethylene Dibromide	1.00	1.004		mg/Kg		100	82 - 118
Hexachlorobutadiene	1.00	1.048		mg/Kg		105	81 - 123
Hexane	1.00	1.028		mg/Kg		103	25 - 150
2-Hexanone	2.00	2.192		mg/Kg		110	81 - 132
Iodomethane	1.00	0.9759		mg/Kg		98	50 - 150
Isopropylbenzene	1.00	0.9303		mg/Kg		93	72 - 129
4-Isopropyltoluene	1.00	1.011		mg/Kg		101	73 - 131
Methylene Chloride	1.00	0.9315	J	mg/Kg		93	72 - 122
4-Methyl-2-pentanone (MIBK)	2.00	2.178		mg/Kg		109	81 - 135
Methyl tert-butyl ether	1.00	1.002		mg/Kg		100	80 - 122
m-Xylene & p-Xylene	1.00	0.9597		mg/Kg		96	79 - 123
Naphthalene	1.00	0.8243		mg/Kg		82	66 - 128
n-Butylbenzene	1.00	1.016		mg/Kg		102	73 - 132
n-Heptane	1.00	1.018		mg/Kg		102	25 - 150
N-Propylbenzene	1.00	0.9337		mg/Kg		93	74 - 127
o-Xylene	1.00	0.9449		mg/Kg		94	78 - 122
sec-Butylbenzene	1.00	0.9878		mg/Kg		99	72 - 131
Styrene	1.00	1.002		mg/Kg		100	79 - 128
tert-Butylbenzene	1.00	0.9544		mg/Kg		95	73 - 128
1,1,1,2-Tetrachloroethane	1.00	0.9391		mg/Kg		94	78 - 124
1,1,2,2-Tetrachloroethane	1.00	1.064		mg/Kg		106	73 - 121
Tetrachloroethene	1.00	0.9324		mg/Kg		93	74 - 121

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

Lab Sample ID: LCS 705-113125/2
Matrix: Solid
Analysis Batch: 113125

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	1.00	0.9679		mg/Kg		97	77 - 123
trans-1,4-Dichloro-2-butene	1.00	0.9586		mg/Kg		96	50 - 150
trans-1,2-Dichloroethene	1.00	0.9854		mg/Kg		99	76 - 124
trans-1,3-Dichloropropene	1.00	1.004		mg/Kg		100	70 - 131
1,2,3-Trichlorobenzene	1.00	0.9970		mg/Kg		100	70 - 128
1,2,4-Trichlorobenzene	1.00	0.9776		mg/Kg		98	69 - 130
1,1,1-Trichloroethane	1.00	0.9716		mg/Kg		97	73 - 126
1,1,2-Trichloroethane	1.00	1.040		mg/Kg		104	77 - 124
Trichloroethene	1.00	0.9168		mg/Kg		92	79 - 121
Trichlorofluoromethane	1.00	0.8865		mg/Kg		89	77 - 128
1,2,3-Trichloropropane	1.00	0.9656		mg/Kg		97	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.9377		mg/Kg		94	80 - 121
1,2,4-Trimethylbenzene	1.00	0.9436		mg/Kg		94	75 - 125
1,3,5-Trimethylbenzene	1.00	0.9299		mg/Kg		93	74 - 128
Vinyl acetate	2.00	1.943		mg/Kg		97	50 - 150
Vinyl chloride	1.00	1.002		mg/Kg		100	68 - 130
Xylenes, Total	2.00	1.905		mg/Kg		95	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*101*		*71 - 129*

Lab Sample ID: MB 705-113128/6
Matrix: Solid
Analysis Batch: 113128

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			02/10/26 13:54	1
Benzene	ND		0.00500	0.000756	mg/Kg			02/10/26 13:54	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			02/10/26 13:54	1
Bromoform	ND		0.00500	0.00212	mg/Kg			02/10/26 13:54	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			02/10/26 13:54	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			02/10/26 13:54	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			02/10/26 13:54	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			02/10/26 13:54	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			02/10/26 13:54	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			02/10/26 13:54	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			02/10/26 13:54	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			02/10/26 13:54	1
Chloroform	ND		0.00500	0.000969	mg/Kg			02/10/26 13:54	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			02/10/26 13:54	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			02/10/26 13:54	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			02/10/26 13:54	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			02/10/26 13:54	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			02/10/26 13:54	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			02/10/26 13:54	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			02/10/26 13:54	1

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

Lab Sample ID: MB 705-113128/6
Matrix: Solid
Analysis Batch: 113128

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			02/10/26 13:54	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			02/10/26 13:54	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			02/10/26 13:54	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			02/10/26 13:54	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			02/10/26 13:54	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			02/10/26 13:54	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			02/10/26 13:54	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			02/10/26 13:54	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			02/10/26 13:54	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			02/10/26 13:54	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			02/10/26 13:54	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			02/10/26 13:54	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			02/10/26 13:54	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			02/10/26 13:54	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			02/10/26 13:54	1
Hexane	ND		0.0100	0.0100	mg/Kg			02/10/26 13:54	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			02/10/26 13:54	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			02/10/26 13:54	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			02/10/26 13:54	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			02/10/26 13:54	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			02/10/26 13:54	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			02/10/26 13:54	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			02/10/26 13:54	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			02/10/26 13:54	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			02/10/26 13:54	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			02/10/26 13:54	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			02/10/26 13:54	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			02/10/26 13:54	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			02/10/26 13:54	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			02/10/26 13:54	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			02/10/26 13:54	1
Styrene	ND		0.00500	0.00254	mg/Kg			02/10/26 13:54	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			02/10/26 13:54	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			02/10/26 13:54	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			02/10/26 13:54	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			02/10/26 13:54	1
Toluene	ND		0.00500	0.000982	mg/Kg			02/10/26 13:54	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			02/10/26 13:54	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			02/10/26 13:54	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			02/10/26 13:54	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			02/10/26 13:54	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			02/10/26 13:54	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			02/10/26 13:54	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			02/10/26 13:54	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			02/10/26 13:54	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			02/10/26 13:54	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			02/10/26 13:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			02/10/26 13:54	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			02/10/26 13:54	1

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

Lab Sample ID: MB 705-113128/6
Matrix: Solid
Analysis Batch: 113128

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			02/10/26 13:54	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			02/10/26 13:54	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			02/10/26 13:54	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			02/10/26 13:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*		*02/10/26 13:54*	*1*
Dibromofluoromethane	*97*		*80 - 119*		*02/10/26 13:54*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*		*02/10/26 13:54*	*1*

Lab Sample ID: LCS 705-113128/1001
Matrix: Solid
Analysis Batch: 113128

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.08314	J	mg/Kg		83	70 - 131
Benzene	0.0500	0.04889		mg/Kg		98	79 - 120
Bromobenzene	0.0500	0.04132		mg/Kg		83	75 - 118
Bromoform	0.0500	0.04388		mg/Kg		88	71 - 136
Bromomethane	0.0500	0.04755		mg/Kg		95	62 - 134
2-Butanone (MEK)	0.100	0.08983		mg/Kg		90	73 - 134
Carbon disulfide	0.0500	0.04428		mg/Kg		89	80 - 127
Carbon tetrachloride	0.0500	0.04557		mg/Kg		91	72 - 132
Chlorobenzene	0.0500	0.04530		mg/Kg		91	80 - 120
Chlorobromomethane	0.0500	0.04447		mg/Kg		89	79 - 122
Chlorodibromomethane	0.0500	0.04577		mg/Kg		92	81 - 123
Chloroethane	0.0500	0.04838		mg/Kg		97	66 - 130
Chloroform	0.0500	0.04344		mg/Kg		87	74 - 120
Chloromethane	0.0500	0.04492		mg/Kg		90	64 - 131
2-Chlorotoluene	0.0500	0.04112		mg/Kg		82	74 - 122
4-Chlorotoluene	0.0500	0.04211		mg/Kg		84	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04381		mg/Kg		88	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04658		mg/Kg		93	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04007		mg/Kg		80	68 - 125
Dibromomethane	0.0500	0.04789		mg/Kg		96	82 - 119
1,2-Dichlorobenzene	0.0500	0.04322		mg/Kg		86	80 - 120
1,3-Dichlorobenzene	0.0500	0.04324		mg/Kg		86	78 - 120
1,4-Dichlorobenzene	0.0500	0.04246		mg/Kg		85	79 - 120
Dichlorobromomethane	0.0500	0.04716		mg/Kg		94	80 - 122
1,1-Dichloroethane	0.0500	0.04353		mg/Kg		87	72 - 123
1,2-Dichloroethane	0.0500	0.04803		mg/Kg		96	73 - 123
1,1-Dichloroethene	0.0500	0.04208		mg/Kg		84	74 - 126
1,2-Dichloropropane	0.0500	0.04728		mg/Kg		95	78 - 122
1,3-Dichloropropane	0.0500	0.04430		mg/Kg		89	82 - 120
2,2-Dichloropropane	0.0500	0.04186		mg/Kg		84	70 - 132
1,1-Dichloropropene	0.0500	0.04673		mg/Kg		93	74 - 126
Ethylbenzene	0.0500	0.04581		mg/Kg		92	80 - 121
Ethylene Dibromide	0.0500	0.04504		mg/Kg		90	82 - 118

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

Lab Sample ID: LCS 705-113128/1001
Matrix: Solid
Analysis Batch: 113128

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	0.0500	0.03981	*-	mg/Kg		80	81 - 123
Hexane	0.0500	0.04429		mg/Kg		89	25 - 150
2-Hexanone	0.100	0.09264		mg/Kg		93	81 - 132
Iodomethane	0.0500	0.04999		mg/Kg		100	50 - 150
Isopropylbenzene	0.0500	0.04120		mg/Kg		82	72 - 129
4-Isopropyltoluene	0.0500	0.04350		mg/Kg		87	73 - 131
Methylene Chloride	0.0500	0.04345		mg/Kg		87	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.09851		mg/Kg		99	81 - 135
Methyl tert-butyl ether	0.0500	0.04382		mg/Kg		88	80 - 122
m-Xylene & p-Xylene	0.0500	0.04401		mg/Kg		88	79 - 123
Naphthalene	0.0500	0.03733		mg/Kg		75	66 - 128
n-Butylbenzene	0.0500	0.04408		mg/Kg		88	73 - 132
n-Heptane	0.0500	0.04590		mg/Kg		92	25 - 150
N-Propylbenzene	0.0500	0.04245		mg/Kg		85	74 - 127
o-Xylene	0.0500	0.04640		mg/Kg		93	78 - 122
sec-Butylbenzene	0.0500	0.04260		mg/Kg		85	72 - 131
Styrene	0.0500	0.04678		mg/Kg		94	79 - 128
tert-Butylbenzene	0.0500	0.04129		mg/Kg		83	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04506		mg/Kg		90	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.04017		mg/Kg		80	73 - 121
Tetrachloroethene	0.0500	0.04498		mg/Kg		90	74 - 121
Toluene	0.0500	0.04640		mg/Kg		93	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.04179		mg/Kg		84	50 - 150
trans-1,2-Dichloroethene	0.0500	0.04735		mg/Kg		95	76 - 124
trans-1,3-Dichloropropene	0.0500	0.04879		mg/Kg		98	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.03974		mg/Kg		79	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04029		mg/Kg		81	69 - 130
1,1,1-Trichloroethane	0.0500	0.04176		mg/Kg		84	73 - 126
1,1,2-Trichloroethane	0.0500	0.04883		mg/Kg		98	77 - 124
Trichloroethene	0.0500	0.04673		mg/Kg		93	79 - 121
Trichlorofluoromethane	0.0500	0.04489		mg/Kg		90	77 - 128
1,2,3-Trichloropropane	0.0500	0.03778		mg/Kg		76	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04302		mg/Kg		86	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04303		mg/Kg		86	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04206		mg/Kg		84	74 - 128
Vinyl acetate	0.100	0.08726		mg/Kg		87	50 - 150
Vinyl chloride	0.0500	0.05086		mg/Kg		102	68 - 130
Xylenes, Total	0.100	0.09041		mg/Kg		90	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 127*
Dibromofluoromethane	*94*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

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

Lab Sample ID: LCS 705-113128/1003
Matrix: Solid
Analysis Batch: 113128

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			0.100	0.08801		mg/Kg		88	25 - 150		
Isopropyl ether			0.0500	0.05298		mg/Kg		106	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 127*
Dibromofluoromethane	*95*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

Lab Sample ID: LCSD 705-113128/2
Matrix: Solid
Analysis Batch: 113128

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.08537	J	mg/Kg		85	70 - 131	3	50
Benzene			0.0500	0.05342		mg/Kg		107	79 - 120	9	30
Bromobenzene			0.0500	0.04500		mg/Kg		90	75 - 118	9	20
Bromoform			0.0500	0.04588		mg/Kg		92	71 - 136	4	20
Bromomethane			0.0500	0.05061		mg/Kg		101	62 - 134	6	90
2-Butanone (MEK)			0.100	0.09422		mg/Kg		94	73 - 134	5	50
Carbon disulfide			0.0500	0.04955		mg/Kg		99	80 - 127	11	50
Carbon tetrachloride			0.0500	0.04998		mg/Kg		100	72 - 132	9	20
Chlorobenzene			0.0500	0.04793		mg/Kg		96	80 - 120	6	30
Chlorobromomethane			0.0500	0.04766		mg/Kg		95	79 - 122	7	20
Chlorodibromomethane			0.0500	0.04796		mg/Kg		96	81 - 123	5	20
Chloroethane			0.0500	0.05089		mg/Kg		102	66 - 130	5	57
Chloroform			0.0500	0.04703		mg/Kg		94	74 - 120	8	20
Chloromethane			0.0500	0.04865		mg/Kg		97	64 - 131	8	99
2-Chlorotoluene			0.0500	0.04567		mg/Kg		91	74 - 122	10	20
4-Chlorotoluene			0.0500	0.04706		mg/Kg		94	75 - 121	11	20
cis-1,2-Dichloroethene			0.0500	0.04771		mg/Kg		95	78 - 122	9	20
cis-1,3-Dichloropropene			0.0500	0.05091		mg/Kg		102	75 - 134	9	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04223		mg/Kg		84	68 - 125	5	20
Dibromomethane			0.0500	0.05008		mg/Kg		100	82 - 119	4	20
1,2-Dichlorobenzene			0.0500	0.04738		mg/Kg		95	80 - 120	9	20
1,3-Dichlorobenzene			0.0500	0.04822		mg/Kg		96	78 - 120	11	20
1,4-Dichlorobenzene			0.0500	0.04662		mg/Kg		93	79 - 120	9	20
Dichlorobromomethane			0.0500	0.05117		mg/Kg		102	80 - 122	8	20
1,1-Dichloroethane			0.0500	0.04863		mg/Kg		97	72 - 123	11	20
1,2-Dichloroethane			0.0500	0.05055		mg/Kg		101	73 - 123	5	20
1,1-Dichloroethene			0.0500	0.04721		mg/Kg		94	74 - 126	11	30
1,2-Dichloropropane			0.0500	0.05097		mg/Kg		102	78 - 122	8	20
1,3-Dichloropropane			0.0500	0.04657		mg/Kg		93	82 - 120	5	20
2,2-Dichloropropane			0.0500	0.04664		mg/Kg		93	70 - 132	11	20
1,1-Dichloropropene			0.0500	0.05062		mg/Kg		101	74 - 126	8	20
Ethylbenzene			0.0500	0.04980		mg/Kg		100	80 - 121	8	30
Ethylene Dibromide			0.0500	0.04669		mg/Kg		93	82 - 118	4	20
Hexachlorobutadiene			0.0500	0.04370		mg/Kg		87	81 - 123	9	20
Hexane			0.0500	0.04853		mg/Kg		97	25 - 150	9	50

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

Lab Sample ID: LCSD 705-113128/2
Matrix: Solid
Analysis Batch: 113128

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	0.100	0.09791		mg/Kg		98	81 - 132	6	50
Iodomethane	0.0500	0.05581		mg/Kg		112	50 - 150	11	50
Isopropylbenzene	0.0500	0.04686		mg/Kg		94	72 - 129	13	20
4-Isopropyltoluene	0.0500	0.04842		mg/Kg		97	73 - 131	11	20
Methylene Chloride	0.0500	0.04746		mg/Kg		95	72 - 122	9	20
4-Methyl-2-pentanone (MIBK)	0.100	0.1029		mg/Kg		103	81 - 135	4	50
Methyl tert-butyl ether	0.0500	0.04662		mg/Kg		93	80 - 122	6	20
m-Xylene & p-Xylene	0.0500	0.04710		mg/Kg		94	79 - 123	7	30
Naphthalene	0.0500	0.04320		mg/Kg		86	66 - 128	15	30
n-Butylbenzene	0.0500	0.05051		mg/Kg		101	73 - 132	14	20
n-Heptane	0.0500	0.04878		mg/Kg		98	25 - 150	6	50
N-Propylbenzene	0.0500	0.04749		mg/Kg		95	74 - 127	11	20
o-Xylene	0.0500	0.05004		mg/Kg		100	78 - 122	8	30
sec-Butylbenzene	0.0500	0.04819		mg/Kg		96	72 - 131	12	20
Styrene	0.0500	0.05061		mg/Kg		101	79 - 128	8	20
tert-Butylbenzene	0.0500	0.04673		mg/Kg		93	73 - 128	12	20
1,1,1,2-Tetrachloroethane	0.0500	0.04775		mg/Kg		95	78 - 124	6	20
1,1,2,2-Tetrachloroethane	0.0500	0.04308		mg/Kg		86	73 - 121	7	20
Tetrachloroethene	0.0500	0.04754		mg/Kg		95	74 - 121	6	20
Toluene	0.0500	0.04994		mg/Kg		100	77 - 123	7	30
trans-1,4-Dichloro-2-butene	0.0500	0.04484		mg/Kg		90	50 - 150	7	50
trans-1,2-Dichloroethene	0.0500	0.05252		mg/Kg		105	76 - 124	10	20
trans-1,3-Dichloropropene	0.0500	0.05166		mg/Kg		103	70 - 131	6	20
1,2,3-Trichlorobenzene	0.0500	0.04442		mg/Kg		89	70 - 128	11	20
1,2,4-Trichlorobenzene	0.0500	0.04698		mg/Kg		94	69 - 130	15	20
1,1,1-Trichloroethane	0.0500	0.04644		mg/Kg		93	73 - 126	11	20
1,1,2-Trichloroethane	0.0500	0.05132		mg/Kg		103	77 - 124	5	20
Trichloroethene	0.0500	0.05151		mg/Kg		103	79 - 121	10	30
Trichlorofluoromethane	0.0500	0.04832		mg/Kg		97	77 - 128	7	50
1,2,3-Trichloropropane	0.0500	0.04110		mg/Kg		82	68 - 125	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04774		mg/Kg		95	80 - 121	10	50
1,2,4-Trimethylbenzene	0.0500	0.04802		mg/Kg		96	75 - 125	11	20
1,3,5-Trimethylbenzene	0.0500	0.04717		mg/Kg		94	74 - 128	11	20
Vinyl acetate	0.100	0.09256		mg/Kg		93	50 - 150	6	50
Vinyl chloride	0.0500	0.05279		mg/Kg		106	68 - 130	4	20
Xylenes, Total	0.100	0.09714		mg/Kg		97	79 - 122	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*104*		*71 - 129*

Lab Sample ID: LCSD 705-113128/4
Matrix: Solid
Analysis Batch: 113128

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl acetate	0.100	0.09185		mg/Kg		92	25 - 150	4	50

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

Lab Sample ID: LCSD 705-113128/4
Matrix: Solid
Analysis Batch: 113128

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropyl ether			0.0500	0.05160		mg/Kg		103	50 - 150	3	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

Lab Sample ID: MB 705-113387/6
Matrix: Water
Analysis Batch: 113387

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			02/11/26 13:28	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/11/26 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/11/26 13:28*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*02/11/26 13:28*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/11/26 13:28*	*1*

Lab Sample ID: LCS 705-113387/1003
Matrix: Water
Analysis Batch: 113387

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate			40.0	35.98		ug/L		90	25 - 150
Isopropyl ether			20.0	17.97		ug/L		90	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*102*		*79 - 119*

Lab Sample ID: MB 705-113498/6
Matrix: Solid
Analysis Batch: 113498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00	1.11	mg/Kg			02/11/26 13:11	50
Benzene	ND		0.250	0.0378	mg/Kg			02/11/26 13:11	50
Bromobenzene	ND		0.250	0.0472	mg/Kg			02/11/26 13:11	50
Bromoform	ND		0.250	0.106	mg/Kg			02/11/26 13:11	50
Bromomethane	ND		0.250	0.0985	mg/Kg			02/11/26 13:11	50
2-Butanone (MEK)	ND		2.50	0.278	mg/Kg			02/11/26 13:11	50
Carbon disulfide	ND		0.500	0.128	mg/Kg			02/11/26 13:11	50
Carbon tetrachloride	ND		0.250	0.0474	mg/Kg			02/11/26 13:11	50
Chlorobenzene	ND		0.250	0.0420	mg/Kg			02/11/26 13:11	50
Chlorobromomethane	ND		0.250	0.0600	mg/Kg			02/11/26 13:11	50

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

Lab Sample ID: MB 705-113498/6
Matrix: Solid
Analysis Batch: 113498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		0.250	0.0398	mg/Kg			02/11/26 13:11	50
Chloroethane	ND		0.500	0.0945	mg/Kg			02/11/26 13:11	50
Chloroform	ND		0.250	0.0485	mg/Kg			02/11/26 13:11	50
Chloromethane	ND		0.500	0.0740	mg/Kg			02/11/26 13:11	50
2-Chlorotoluene	ND		0.250	0.0540	mg/Kg			02/11/26 13:11	50
4-Chlorotoluene	ND		0.250	0.0545	mg/Kg			02/11/26 13:11	50
cis-1,2-Dichloroethene	ND		0.250	0.0600	mg/Kg			02/11/26 13:11	50
cis-1,3-Dichloropropene	ND		0.250	0.0585	mg/Kg			02/11/26 13:11	50
1,2-Dibromo-3-Chloropropane	ND		0.250	0.103	mg/Kg			02/11/26 13:11	50
Dibromomethane	ND		0.250	0.0505	mg/Kg			02/11/26 13:11	50
1,2-Dichlorobenzene	ND		0.250	0.0540	mg/Kg			02/11/26 13:11	50
1,3-Dichlorobenzene	ND		0.250	0.0398	mg/Kg			02/11/26 13:11	50
1,4-Dichlorobenzene	ND		0.250	0.0580	mg/Kg			02/11/26 13:11	50
Dichlorobromomethane	ND		0.250	0.0469	mg/Kg			02/11/26 13:11	50
1,1-Dichloroethane	ND		0.250	0.0453	mg/Kg			02/11/26 13:11	50
1,2-Dichloroethane	ND		0.250	0.0605	mg/Kg			02/11/26 13:11	50
1,1-Dichloroethene	ND		0.250	0.0595	mg/Kg			02/11/26 13:11	50
1,2-Dichloropropane	ND		0.250	0.0343	mg/Kg			02/11/26 13:11	50
1,3-Dichloropropane	ND		0.250	0.0575	mg/Kg			02/11/26 13:11	50
2,2-Dichloropropane	ND		0.250	0.0580	mg/Kg			02/11/26 13:11	50
1,1-Dichloropropene	ND		0.250	0.0510	mg/Kg			02/11/26 13:11	50
Ethyl acetate	ND		2.50	2.50	mg/Kg			02/11/26 13:11	50
Ethylbenzene	ND		0.250	0.0535	mg/Kg			02/11/26 13:11	50
Ethylene Dibromide	ND		0.250	0.0437	mg/Kg			02/11/26 13:11	50
Hexachlorobutadiene	ND		0.250	0.0800	mg/Kg			02/11/26 13:11	50
Hexane	ND		0.500	0.500	mg/Kg			02/11/26 13:11	50
2-Hexanone	ND		0.500	0.369	mg/Kg			02/11/26 13:11	50
Iodomethane	ND		0.500	0.0955	mg/Kg			02/11/26 13:11	50
Isopropylbenzene	ND		0.250	0.0735	mg/Kg			02/11/26 13:11	50
Isopropyl ether	ND		0.500	0.500	mg/Kg			02/11/26 13:11	50
4-Isopropyltoluene	ND		0.250	0.170	mg/Kg			02/11/26 13:11	50
Methylene Chloride	ND		1.00	0.281	mg/Kg			02/11/26 13:11	50
4-Methyl-2-pentanone (MIBK)	ND		0.500	0.163	mg/Kg			02/11/26 13:11	50
Methyl tert-butyl ether	ND		0.250	0.0875	mg/Kg			02/11/26 13:11	50
m-Xylene & p-Xylene	ND		0.500	0.109	mg/Kg			02/11/26 13:11	50
Naphthalene	ND		0.250	0.193	mg/Kg			02/11/26 13:11	50
n-Butylbenzene	ND		0.250	0.0880	mg/Kg			02/11/26 13:11	50
n-Heptane	ND		0.500	0.500	mg/Kg			02/11/26 13:11	50
N-Propylbenzene	ND		0.250	0.0520	mg/Kg			02/11/26 13:11	50
o-Xylene	ND		0.250	0.0660	mg/Kg			02/11/26 13:11	50
sec-Butylbenzene	ND		0.250	0.0570	mg/Kg			02/11/26 13:11	50
Styrene	ND		0.250	0.127	mg/Kg			02/11/26 13:11	50
tert-Butylbenzene	ND		0.250	0.0595	mg/Kg			02/11/26 13:11	50
1,1,1,2-Tetrachloroethane	ND		0.250	0.0495	mg/Kg			02/11/26 13:11	50
1,1,2,2-Tetrachloroethane	ND		0.250	0.0650	mg/Kg			02/11/26 13:11	50
Tetrachloroethene	ND		0.250	0.0407	mg/Kg			02/11/26 13:11	50
Toluene	ND		0.250	0.0491	mg/Kg			02/11/26 13:11	50
trans-1,4-Dichloro-2-butene	ND		0.500	0.252	mg/Kg			02/11/26 13:11	50
trans-1,2-Dichloroethene	ND		0.250	0.0605	mg/Kg			02/11/26 13:11	50

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

Lab Sample ID: MB 705-113498/6
Matrix: Solid
Analysis Batch: 113498

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.250	0.0515	mg/Kg			02/11/26 13:11	50
1,2,3-Trichlorobenzene	ND		0.250	0.131	mg/Kg			02/11/26 13:11	50
1,2,4-Trichlorobenzene	ND		0.250	0.101	mg/Kg			02/11/26 13:11	50
1,1,1-Trichloroethane	ND		0.250	0.0720	mg/Kg			02/11/26 13:11	50
1,1,2-Trichloroethane	ND		0.250	0.0450	mg/Kg			02/11/26 13:11	50
Trichloroethene	ND		0.250	0.0347	mg/Kg			02/11/26 13:11	50
Trichlorofluoromethane	ND		0.250	0.0945	mg/Kg			02/11/26 13:11	50
1,2,3-Trichloropropane	ND		0.250	0.0670	mg/Kg			02/11/26 13:11	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.500	0.0497	mg/Kg			02/11/26 13:11	50
1,2,4-Trimethylbenzene	ND		0.250	0.0585	mg/Kg			02/11/26 13:11	50
1,3,5-Trimethylbenzene	ND		0.250	0.0620	mg/Kg			02/11/26 13:11	50
Vinyl acetate	ND		0.500	0.166	mg/Kg			02/11/26 13:11	50
Vinyl chloride	ND		0.500	0.0825	mg/Kg			02/11/26 13:11	50
Xylenes, Total	ND		0.250	0.0660	mg/Kg			02/11/26 13:11	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 127*		*02/11/26 13:11*	*50*
Dibromofluoromethane	*103*		*80 - 119*		*02/11/26 13:11*	*50*
Toluene-d8 (Surr)	*102*		*71 - 129*		*02/11/26 13:11*	*50*

Lab Sample ID: LCS 705-113498/7
Matrix: Solid
Analysis Batch: 113498

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	2.00	2.418	J	mg/Kg		121	70 - 131
Benzene	1.00	1.162		mg/Kg		116	79 - 120
Bromobenzene	1.00	1.105		mg/Kg		111	75 - 118
Bromoform	1.00	1.046		mg/Kg		105	71 - 136
Bromomethane	1.00	1.090		mg/Kg		109	62 - 134
2-Butanone (MEK)	2.00	2.423	J	mg/Kg		121	73 - 134
Carbon disulfide	1.00	1.239		mg/Kg		124	80 - 127
Carbon tetrachloride	1.00	1.193		mg/Kg		119	72 - 132
Chlorobenzene	1.00	1.079		mg/Kg		108	80 - 120
Chlorodibromomethane	1.00	1.095		mg/Kg		110	81 - 123
Chloroethane	1.00	1.110		mg/Kg		111	66 - 130
Chloromethane	1.00	1.041		mg/Kg		104	64 - 131
2-Chlorotoluene	1.00	1.101		mg/Kg		110	74 - 122
4-Chlorotoluene	1.00	1.079		mg/Kg		108	75 - 121
cis-1,2-Dichloroethene	1.00	1.211		mg/Kg		121	78 - 122
cis-1,3-Dichloropropene	1.00	1.096		mg/Kg		110	75 - 134
1,2-Dibromo-3-Chloropropane	1.00	1.106		mg/Kg		111	68 - 125
Dibromomethane	1.00	1.153		mg/Kg		115	82 - 119
1,2-Dichlorobenzene	1.00	1.096		mg/Kg		110	80 - 120
1,3-Dichlorobenzene	1.00	1.093		mg/Kg		109	78 - 120
1,4-Dichlorobenzene	1.00	1.092		mg/Kg		109	79 - 120
Dichlorobromomethane	1.00	1.156		mg/Kg		116	80 - 122
1,2-Dichloroethane	1.00	1.153		mg/Kg		115	73 - 123

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

Lab Sample ID: LCS 705-113498/7
Matrix: Solid
Analysis Batch: 113498

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	1.00	1.146		mg/Kg		115	78 - 122
1,3-Dichloropropane	1.00	1.069		mg/Kg		107	82 - 120
2,2-Dichloropropane	1.00	1.065		mg/Kg		107	70 - 132
1,1-Dichloropropene	1.00	1.133		mg/Kg		113	74 - 126
Ethylbenzene	1.00	1.108		mg/Kg		111	80 - 121
Ethylene Dibromide	1.00	1.088		mg/Kg		109	82 - 118
Hexachlorobutadiene	1.00	1.119		mg/Kg		112	81 - 123
Hexane	1.00	1.230		mg/Kg		123	25 - 150
2-Hexanone	2.00	2.379		mg/Kg		119	81 - 132
Iodomethane	1.00	0.7414		mg/Kg		74	50 - 150
Isopropylbenzene	1.00	1.136		mg/Kg		114	72 - 129
4-Isopropyltoluene	1.00	1.115		mg/Kg		112	73 - 131
Methylene Chloride	1.00	1.204		mg/Kg		120	72 - 122
4-Methyl-2-pentanone (MIBK)	2.00	2.456		mg/Kg		123	81 - 135
m-Xylene & p-Xylene	1.00	1.116		mg/Kg		112	79 - 123
Naphthalene	1.00	1.123		mg/Kg		112	66 - 128
n-Butylbenzene	1.00	1.121		mg/Kg		112	73 - 132
n-Heptane	1.00	1.107		mg/Kg		111	25 - 150
N-Propylbenzene	1.00	1.117		mg/Kg		112	74 - 127
o-Xylene	1.00	1.099		mg/Kg		110	78 - 122
sec-Butylbenzene	1.00	1.128		mg/Kg		113	72 - 131
Styrene	1.00	1.100		mg/Kg		110	79 - 128
tert-Butylbenzene	1.00	1.122		mg/Kg		112	73 - 128
1,1,1,2-Tetrachloroethane	1.00	1.070		mg/Kg		107	78 - 124
1,1,2,2-Tetrachloroethane	1.00	1.049		mg/Kg		105	73 - 121
Tetrachloroethene	1.00	1.099		mg/Kg		110	74 - 121
Toluene	1.00	1.152		mg/Kg		115	77 - 123
trans-1,4-Dichloro-2-butene	1.00	0.9440		mg/Kg		94	50 - 150
trans-1,2-Dichloroethene	1.00	1.233		mg/Kg		123	76 - 124
trans-1,3-Dichloropropene	1.00	1.068		mg/Kg		107	70 - 131
1,2,3-Trichlorobenzene	1.00	1.084		mg/Kg		108	70 - 128
1,2,4-Trichlorobenzene	1.00	1.083		mg/Kg		108	69 - 130
1,1,1-Trichloroethane	1.00	1.228		mg/Kg		123	73 - 126
1,1,2-Trichloroethane	1.00	1.167		mg/Kg		117	77 - 124
Trichloroethene	1.00	1.175		mg/Kg		117	79 - 121
Trichlorofluoromethane	1.00	1.155		mg/Kg		115	77 - 128
1,2,3-Trichloropropane	1.00	1.082		mg/Kg		108	68 - 125
1,2,4-Trimethylbenzene	1.00	1.101		mg/Kg		110	75 - 125
1,3,5-Trimethylbenzene	1.00	1.107		mg/Kg		111	74 - 128
Vinyl acetate	2.00	2.198		mg/Kg		110	50 - 150
Vinyl chloride	1.00	1.076		mg/Kg		108	68 - 130
Xylenes, Total	2.00	2.215		mg/Kg		111	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*102*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

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

Lab Sample ID: LCS 705-113498/8
Matrix: Solid
Analysis Batch: 113498

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			2.00	ND		mg/Kg		111	25 - 150		
Isopropyl ether			1.00	1.015		mg/Kg		102	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 127*
Dibromofluoromethane	*99*		*80 - 119*
Toluene-d8 (Surr)	*104*		*71 - 129*

Lab Sample ID: MB 705-113513/7
Matrix: Water
Analysis Batch: 113513

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 13:36	1
Benzene	ND		1.00	0.200	ug/L			02/11/26 13:36	1
Bromobenzene	ND		1.00	0.222	ug/L			02/11/26 13:36	1
Bromoform	ND		1.00	0.458	ug/L			02/11/26 13:36	1
Bromomethane	ND		1.00	0.470	ug/L			02/11/26 13:36	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/11/26 13:36	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/11/26 13:36	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/11/26 13:36	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/11/26 13:36	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/11/26 13:36	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/11/26 13:36	1
Chloroethane	ND		1.00	0.374	ug/L			02/11/26 13:36	1
Chloroform	ND		1.00	0.216	ug/L			02/11/26 13:36	1
Chloromethane	ND		1.00	0.371	ug/L			02/11/26 13:36	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/11/26 13:36	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/11/26 13:36	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/11/26 13:36	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/11/26 13:36	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/11/26 13:36	1
Dibromomethane	ND		1.00	0.318	ug/L			02/11/26 13:36	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 13:36	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/11/26 13:36	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 13:36	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/11/26 13:36	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/11/26 13:36	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/11/26 13:36	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/11/26 13:36	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/11/26 13:36	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/11/26 13:36	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/11/26 13:36	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/11/26 13:36	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/11/26 13:36	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/11/26 13:36	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/11/26 13:36	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/11/26 13:36	1

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

Lab Sample ID: MB 705-113513/7
Matrix: Water
Analysis Batch: 113513

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		10.0	3.63	ug/L			02/11/26 13:36	1
2-Hexanone	ND		10.0	3.47	ug/L			02/11/26 13:36	1
Iodomethane	ND		2.00	0.403	ug/L			02/11/26 13:36	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/11/26 13:36	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/11/26 13:36	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/11/26 13:36	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/11/26 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/11/26 13:36	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/11/26 13:36	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/11/26 13:36	1
Naphthalene	ND		2.00	1.56	ug/L			02/11/26 13:36	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/11/26 13:36	1
n-Heptane	ND		10.0	3.05	ug/L			02/11/26 13:36	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/11/26 13:36	1
o-Xylene	ND		1.00	0.270	ug/L			02/11/26 13:36	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/11/26 13:36	1
Styrene	ND		1.00	0.194	ug/L			02/11/26 13:36	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/11/26 13:36	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/11/26 13:36	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/11/26 13:36	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/11/26 13:36	1
Toluene	ND		1.00	0.197	ug/L			02/11/26 13:36	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/11/26 13:36	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/11/26 13:36	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/11/26 13:36	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/11/26 13:36	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/11/26 13:36	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/11/26 13:36	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/11/26 13:36	1
Trichloroethene	ND		1.00	0.211	ug/L			02/11/26 13:36	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/11/26 13:36	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/11/26 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/11/26 13:36	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/11/26 13:36	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/11/26 13:36	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/11/26 13:36	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/11/26 13:36	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/11/26 13:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 126*		*02/11/26 13:36*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*02/11/26 13:36*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/11/26 13:36*	*1*

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

Lab Sample ID: LCS 705-113513/1002
Matrix: Water
Analysis Batch: 113513

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	43.14		ug/L		108	62 - 136
Benzene	20.0	18.85		ug/L		94	76 - 122
Bromobenzene	20.0	18.06		ug/L		90	77 - 125
Bromoform	20.0	18.71		ug/L		94	65 - 129
Bromomethane	20.0	16.72		ug/L		84	60 - 138
2-Butanone (MEK)	40.0	44.95		ug/L		112	74 - 131
Carbon disulfide	20.0	19.01		ug/L		95	71 - 122
Carbon tetrachloride	20.0	19.85		ug/L		99	72 - 131
Chlorobenzene	20.0	19.12		ug/L		96	75 - 121
Chlorobromomethane	20.0	19.37		ug/L		97	77 - 120
Chlorodibromomethane	20.0	18.93		ug/L		95	70 - 131
Chloroethane	20.0	19.49		ug/L		97	55 - 138
Chloroform	20.0	19.10		ug/L		95	73 - 121
Chloromethane	20.0	16.71		ug/L		84	57 - 129
2-Chlorotoluene	20.0	18.42		ug/L		92	75 - 123
4-Chlorotoluene	20.0	18.60		ug/L		93	76 - 124
cis-1,2-Dichloroethene	20.0	19.50		ug/L		98	76 - 121
cis-1,3-Dichloropropene	20.0	18.78		ug/L		94	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.60		ug/L		98	64 - 125
Dibromomethane	20.0	19.32		ug/L		97	70 - 130
1,2-Dichlorobenzene	20.0	18.64		ug/L		93	69 - 127
1,3-Dichlorobenzene	20.0	19.01		ug/L		95	68 - 128
1,4-Dichlorobenzene	20.0	19.02		ug/L		95	68 - 126
Dichlorobromomethane	20.0	18.53		ug/L		93	70 - 124
1,1-Dichloroethane	20.0	19.10		ug/L		96	65 - 126
1,2-Dichloroethane	20.0	18.48		ug/L		92	72 - 127
1,1-Dichloroethene	20.0	19.89		ug/L		99	69 - 130
1,2-Dichloropropane	20.0	18.13		ug/L		91	71 - 121
1,3-Dichloropropane	20.0	19.03		ug/L		95	76 - 125
2,2-Dichloropropane	20.0	19.47		ug/L		97	71 - 131
1,1-Dichloropropene	20.0	20.74		ug/L		104	74 - 129
Ethylbenzene	20.0	19.58		ug/L		98	75 - 127
Ethylene Dibromide	20.0	19.31		ug/L		97	68 - 133
Hexachlorobutadiene	20.0	21.04		ug/L		105	65 - 137
Hexane	20.0	21.22		ug/L		106	25 - 150
2-Hexanone	40.0	43.19		ug/L		108	70 - 130
Iodomethane	20.0	19.13		ug/L		96	50 - 150
Isopropylbenzene	20.0	18.59		ug/L		93	76 - 125
4-Isopropyltoluene	20.0	20.15		ug/L		101	78 - 126
Methylene Chloride	20.0	17.85		ug/L		89	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	40.71		ug/L		102	76 - 122
Methyl tert-butyl ether	20.0	19.14		ug/L		96	76 - 123
m-Xylene & p-Xylene	20.0	19.21		ug/L		96	76 - 128
Naphthalene	20.0	16.20		ug/L		81	67 - 129
n-Butylbenzene	20.0	20.83		ug/L		104	71 - 131
n-Heptane	20.0	20.95		ug/L		105	25 - 150
N-Propylbenzene	20.0	18.92		ug/L		95	75 - 127
o-Xylene	20.0	19.26		ug/L		96	78 - 124

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

Lab Sample ID: LCS 705-113513/1002
Matrix: Water
Analysis Batch: 113513

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	19.71		ug/L		99	74 - 127
Styrene	20.0	19.97		ug/L		100	71 - 129
tert-Butylbenzene	20.0	18.90		ug/L		94	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.02		ug/L		95	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.96		ug/L		100	73 - 127
Tetrachloroethene	20.0	19.27		ug/L		96	74 - 129
Toluene	20.0	18.96		ug/L		95	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.80		ug/L		84	50 - 150
trans-1,2-Dichloroethene	20.0	20.30		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.90		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	20.0	19.44		ug/L		97	65 - 130
1,2,4-Trichlorobenzene	20.0	19.59		ug/L		98	65 - 131
1,1,1-Trichloroethane	20.0	19.61		ug/L		98	71 - 124
1,1,2-Trichloroethane	20.0	19.84		ug/L		99	69 - 127
Trichloroethene	20.0	19.09		ug/L		95	72 - 129
Trichlorofluoromethane	20.0	20.42		ug/L		102	63 - 142
1,2,3-Trichloropropane	20.0	18.62		ug/L		93	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.83		ug/L		99	74 - 122
1,2,4-Trimethylbenzene	20.0	19.40		ug/L		97	80 - 123
1,3,5-Trimethylbenzene	20.0	19.09		ug/L		95	79 - 124
Vinyl acetate	40.0	37.41		ug/L		94	50 - 150
Vinyl chloride	20.0	20.86		ug/L		104	65 - 132
Xylenes, Total	40.0	38.47		ug/L		96	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

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

Lab Sample ID: MB 400-737888/1-A
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.329	0.00956	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,4,5-Trichlorophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,4,6-Trichlorophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,4-Dichlorophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,4-Dimethylphenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,4-Dinitrophenol	ND		0.986	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,4-Dinitrotoluene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2,6-Dinitrotoluene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2-Chloronaphthalene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2-Chlorophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2-Methylnaphthalene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2-Methylphenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1

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

Lab Sample ID: MB 400-737888/1-A
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
2-Nitrophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
3 & 4 Methylphenol	ND		0.657	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
3,3'-Dichlorobenzidine	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
3-Nitroaniline	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4,6-Dinitro-2-methylphenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4-Bromophenyl phenyl ether	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4-Chloro-3-methylphenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4-Chloroaniline	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4-Chlorophenyl phenyl ether	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4-Nitroaniline	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
4-Nitrophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Acenaphthene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Acenaphthylene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Acetophenone	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Anthracene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Atrazine	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Benzaldehyde	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Benzo[a]anthracene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Benzo[a]pyrene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Benzo[b]fluoranthene	ND		0.329	0.00139	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Benzo[g,h,i]perylene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Benzo[k]fluoranthene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
bis (2-chloroisopropyl) ether	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Bis(2-chloroethoxy)methane	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Bis(2-chloroethyl)ether	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Bis(2-ethylhexyl) phthalate	0.1265	J	0.329	0.0996	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Butyl benzyl phthalate	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Caprolactam	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Carbazole	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Chrysene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Dibenz(a,h)anthracene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Dibenzofuran	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Diethyl phthalate	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Dimethyl phthalate	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Di-n-butyl phthalate	ND		0.986	0.299	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Di-n-octyl phthalate	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Fluoranthene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Fluorene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Hexachlorobenzene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Hexachlorobutadiene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Hexachlorocyclopentadiene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Hexachloroethane	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Indeno[1,2,3-cd]pyrene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Isophorone	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Naphthalene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Nitrobenzene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
N-Nitrosodi-n-propylamine	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
N-Nitrosodiphenylamine	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1

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

Lab Sample ID: MB 400-737888/1-A
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Phenanthrene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Phenol	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1
Pyrene	ND		0.329	0.0329	mg/Kg		01/30/26 13:00	02/02/26 17:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*157*	*S1+*	*40 - 140*	*01/30/26 13:00*	*02/02/26 17:36*	*1*
2-Fluorobiphenyl (Surr)	*144*	*S1+*	*40 - 140*	*01/30/26 13:00*	*02/02/26 17:36*	*1*
2-Fluorophenol (Surr)	*151*	*S1+*	*40 - 140*	*01/30/26 13:00*	*02/02/26 17:36*	*1*
Nitrobenzene-d5 (Surr)	*165*	*S1+*	*40 - 140*	*01/30/26 13:00*	*02/02/26 17:36*	*1*
Phenol-d5 (Surr)	*151*	*S1+*	*40 - 140*	*01/30/26 13:00*	*02/02/26 17:36*	*1*
Terphenyl-d14 (Surr)	*154*	*S1+*	*40 - 140*	*01/30/26 13:00*	*02/02/26 17:36*	*1*

Lab Sample ID: LCS 400-737888/2-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.945	*+	mg/Kg		130	19 - 126
2,4,5-Trichlorophenol	1.50	2.095		mg/Kg		140	10 - 150
2,4,6-Trichlorophenol	1.50	2.021		mg/Kg		135	10 - 150
2,4-Dichlorophenol	1.50	2.207		mg/Kg		147	10 - 150
2,4-Dimethylphenol	1.50	2.062		mg/Kg		137	10 - 141
2,4-Dinitrophenol	3.00	3.067		mg/Kg		102	10 - 150
2,4-Dinitrotoluene	1.50	1.830		mg/Kg		122	31 - 136
2,6-Dinitrotoluene	1.50	1.681		mg/Kg		112	31 - 137
2-Chloronaphthalene	1.50	1.780		mg/Kg		119	20 - 126
2-Chlorophenol	1.50	2.218		mg/Kg		148	10 - 150
2-Methylnaphthalene	1.50	1.969		mg/Kg		131	20 - 150
2-Methylphenol	1.50	2.369	*+	mg/Kg		158	18 - 126
2-Nitroaniline	1.50	1.736		mg/Kg		116	30 - 150
2-Nitrophenol	1.50	1.783		mg/Kg		119	19 - 150
3 & 4 Methylphenol	1.50	2.552	*+	mg/Kg		170	10 - 150
3,3'-Dichlorobenzidine	3.00	2.849		mg/Kg		95	10 - 124
3-Nitroaniline	1.50	1.661		mg/Kg		111	10 - 148
4,6-Dinitro-2-methylphenol	3.00	3.638		mg/Kg		121	15 - 150
4-Bromophenyl phenyl ether	1.50	2.002	*+	mg/Kg		133	21 - 129
4-Chloro-3-methylphenol	1.50	1.975		mg/Kg		132	16 - 150
4-Chloroaniline	1.50	1.409		mg/Kg		94	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.973	*+	mg/Kg		132	21 - 124
4-Nitroaniline	1.50	1.756		mg/Kg		117	21 - 146
4-Nitrophenol	3.00	3.766		mg/Kg		126	10 - 150
Acenaphthene	1.50	1.964		mg/Kg		131	21 - 150
Acenaphthylene	1.50	2.014		mg/Kg		134	22 - 150
Acetophenone	1.50	2.191	*+	mg/Kg		146	15 - 128
Anthracene	1.50	2.029		mg/Kg		135	28 - 150
Atrazine	1.50	1.503		mg/Kg		100	10 - 150
Benzaldehyde	1.50	1.403		mg/Kg		94	10 - 150

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

Lab Sample ID: LCS 400-737888/2-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	1.50	1.958		mg/Kg		131	32 - 150
Benzo[a]pyrene	1.50	1.973		mg/Kg		132	24 - 150
Benzo[b]fluoranthene	1.50	1.926		mg/Kg		128	17 - 150
Benzo[g,h,i]perylene	1.50	1.963		mg/Kg		131	25 - 150
Benzo[k]fluoranthene	1.50	2.041		mg/Kg		136	24 - 150
bis (2-chloroisopropyl) ether	1.50	2.332	*+	mg/Kg		155	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.894		mg/Kg		126	16 - 132
Bis(2-chloroethyl)ether	1.50	2.192	*+	mg/Kg		146	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.858		mg/Kg		124	12 - 150
Butyl benzyl phthalate	1.50	1.879		mg/Kg		125	24 - 150
Caprolactam	1.50	1.825		mg/Kg		122	10 - 150
Carbazole	1.50	2.068		mg/Kg		138	16 - 150
Chrysene	1.50	2.027		mg/Kg		135	31 - 150
Dibenz(a,h)anthracene	1.50	1.977		mg/Kg		132	26 - 150
Dibenzofuran	1.50	1.852		mg/Kg		123	27 - 123
Diethyl phthalate	1.50	1.754		mg/Kg		117	20 - 150
Dimethyl phthalate	1.50	1.768		mg/Kg		118	21 - 140
Di-n-butyl phthalate	1.50	1.786		mg/Kg		119	10 - 150
Di-n-octyl phthalate	1.50	1.804		mg/Kg		120	23 - 150
Fluoranthene	1.50	1.965		mg/Kg		131	27 - 150
Fluorene	1.50	1.963		mg/Kg		131	21 - 150
Hexachlorobenzene	1.50	2.055	*+	mg/Kg		137	23 - 121
Hexachlorobutadiene	1.50	2.003	*+	mg/Kg		134	15 - 120
Hexachlorocyclopentadiene	1.50	1.828		mg/Kg		122	14 - 132
Hexachloroethane	1.50	2.474	*+	mg/Kg		165	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.949		mg/Kg		130	33 - 150
Isophorone	1.50	2.167	*+	mg/Kg		144	22 - 129
Naphthalene	1.50	2.047		mg/Kg		136	17 - 150
Nitrobenzene	1.50	2.136	*+	mg/Kg		142	22 - 126
N-Nitrosodi-n-propylamine	1.50	2.172	*+	mg/Kg		145	23 - 128
N-Nitrosodiphenylamine	1.49	2.002		mg/Kg		135	21 - 137
Pentachlorophenol	3.00	4.443		mg/Kg		148	10 - 150
Phenanthrene	1.50	2.024		mg/Kg		135	24 - 150
Phenol	1.50	2.267	*+	mg/Kg		151	10 - 150
Pyrene	1.50	1.978		mg/Kg		132	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*125*		*40 - 140*
2-Fluorobiphenyl (Surr)	*114*		*40 - 140*
2-Fluorophenol (Surr)	*132*		*40 - 140*
Nitrobenzene-d5 (Surr)	*136*		*40 - 140*
Phenol-d5 (Surr)	*144*	*S1+*	*40 - 140*
Terphenyl-d14 (Surr)	*125*		*40 - 140*

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

Lab Sample ID: 752-41441-1 MS
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737888

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND	*+	1.81	2.346		mg/Kg	☼	130	40 - 140
2,4,5-Trichlorophenol	ND	F1	1.81	2.895	F1	mg/Kg	☼	160	40 - 140
2,4,6-Trichlorophenol	ND	F1	1.81	2.754	F1	mg/Kg	☼	152	40 - 140
2,4-Dichlorophenol	ND	F1	1.81	2.769	F1	mg/Kg	☼	153	40 - 140
2,4-Dimethylphenol	ND	F1	1.81	2.566	F1	mg/Kg	☼	142	40 - 140
2,4-Dinitrophenol	0.148	J	3.62	2.572		mg/Kg	☼	67	40 - 140
2,4-Dinitrotoluene	ND	F1	1.81	3.543	F1	mg/Kg	☼	196	40 - 140
2,6-Dinitrotoluene	ND	F1	1.81	3.725	E F1	mg/Kg	☼	206	40 - 140
2-Chloronaphthalene	ND		1.81	2.509		mg/Kg	☼	139	40 - 140
2-Chlorophenol	ND	F1	1.81	2.843	F1	mg/Kg	☼	157	40 - 140
2-Methylnaphthalene	ND		1.81	2.489		mg/Kg	☼	137	40 - 140
2-Methylphenol	ND	F1 *+	1.81	3.152	F1	mg/Kg	☼	174	40 - 140
2-Nitroaniline	ND	F1	1.81	3.634	E F1	mg/Kg	☼	201	40 - 140
2-Nitrophenol	ND	F1	1.81	3.607	F1	mg/Kg	☼	199	40 - 140
3 & 4 Methylphenol	ND	F1 *+	1.81	2.986	F1	mg/Kg	☼	165	40 - 140
3,3'-Dichlorobenzidine	ND	F1	3.62	5.762	E F1	mg/Kg	☼	159	40 - 140
3-Nitroaniline	ND	F1	1.81	3.508	F1	mg/Kg	☼	194	40 - 140
4,6-Dinitro-2-methylphenol	ND	F1	3.62	6.073	F1	mg/Kg	☼	168	40 - 140
4-Bromophenyl phenyl ether	ND	F1 *+	1.81	2.668	F1	mg/Kg	☼	147	40 - 140
4-Chloro-3-methylphenol	ND	F1	1.81	2.732	F1	mg/Kg	☼	151	40 - 140
4-Chloroaniline	ND		1.81	2.371		mg/Kg	☼	131	40 - 140
4-Chlorophenyl phenyl ether	ND	*+	1.81	2.425		mg/Kg	☼	134	40 - 140
4-Nitroaniline	ND	F1	1.81	3.370	F1	mg/Kg	☼	186	40 - 140
4-Nitrophenol	ND	F1	3.62	6.298	F1	mg/Kg	☼	174	40 - 140
Acenaphthene	ND		1.81	2.437		mg/Kg	☼	135	40 - 140
Acenaphthylene	ND		1.81	2.431		mg/Kg	☼	134	40 - 140
Acetophenone	ND	F1 *+	1.81	2.912	F1	mg/Kg	☼	161	40 - 140
Anthracene	ND	F1	1.81	2.729	F1	mg/Kg	☼	151	40 - 140
Atrazine	ND		1.81	2.438		mg/Kg	☼	135	40 - 140
Benzaldehyde	ND		1.81	1.787		mg/Kg	☼	99	40 - 140
Benzo[a]anthracene	ND	F1	1.81	2.913	F1	mg/Kg	☼	161	40 - 140
Benzo[a]pyrene	ND	F1	1.81	2.806	F1	mg/Kg	☼	155	40 - 140
Benzo[b]fluoranthene	0.0568	J F1	1.81	2.741	F1	mg/Kg	☼	148	40 - 140
Benzo[g,h,i]perylene	ND	F1	1.81	2.623	F1	mg/Kg	☼	145	40 - 140
Benzo[k]fluoranthene	ND	F1	1.81	2.816	F1	mg/Kg	☼	155	40 - 140
bis (2-chloroisopropyl) ether	ND	F1 *+	1.81	2.597	F1	mg/Kg	☼	143	40 - 140
Bis(2-chloroethoxy)methane	ND	F1	1.81	2.695	F1	mg/Kg	☼	149	40 - 140
Bis(2-chloroethyl)ether	ND	F1 *+	1.81	2.827	F1	mg/Kg	☼	156	40 - 140
Bis(2-ethylhexyl) phthalate	0.335	J F1 B	1.81	3.082	F1	mg/Kg	☼	152	40 - 140
Butyl benzyl phthalate	0.105	J F1	1.81	3.065	F1	mg/Kg	☼	163	40 - 140
Caprolactam	ND		1.81	2.333		mg/Kg	☼	129	40 - 140
Carbazole	ND	F1	1.81	3.029	F1	mg/Kg	☼	167	40 - 140
Chrysene	0.0457	J F1	1.81	2.765	F1	mg/Kg	☼	150	40 - 140
Dibenz(a,h)anthracene	ND	F1	1.81	2.727	F1	mg/Kg	☼	151	40 - 140
Dibenzofuran	ND	F1	1.81	2.673	F1	mg/Kg	☼	148	40 - 140
Diethyl phthalate	ND		1.81	2.484		mg/Kg	☼	137	40 - 140
Dimethyl phthalate	ND	F1	1.81	2.687	F1	mg/Kg	☼	148	40 - 140
Di-n-butyl phthalate	ND	F1	1.81	2.757	F1	mg/Kg	☼	152	40 - 140

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

Lab Sample ID: 752-41441-1 MS
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737888

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-octyl phthalate	ND	F1	1.81	3.127	F1	mg/Kg	☼	173	40 - 140
Fluoranthene	0.0817	J F1	1.81	2.798	F1	mg/Kg	☼	150	40 - 140
Fluorene	ND	F1	1.81	2.676	F1	mg/Kg	☼	148	40 - 140
Hexachlorobenzene	ND	F1 *+	1.81	2.704	F1	mg/Kg	☼	149	40 - 140
Hexachlorobutadiene	ND	*+	1.81	2.402		mg/Kg	☼	133	40 - 140
Hexachlorocyclopentadiene	ND		1.81	2.055		mg/Kg	☼	113	40 - 140
Hexachloroethane	ND	F1 *+	1.81	2.916	F1	mg/Kg	☼	161	40 - 140
Indeno[1,2,3-cd]pyrene	ND	F1	1.81	2.720	F1	mg/Kg	☼	150	40 - 140
Isophorone	ND	F1 *+	1.81	2.836	F1	mg/Kg	☼	157	40 - 140
Naphthalene	ND	F1	1.81	2.616	F1	mg/Kg	☼	144	40 - 140
Nitrobenzene	ND	F1 *+	1.81	3.353	F1	mg/Kg	☼	185	40 - 140
N-Nitrosodi-n-propylamine	ND	F1 *+	1.81	2.925	F1	mg/Kg	☼	162	40 - 140
N-Nitrosodiphenylamine	ND	F1	1.80	2.782	F1	mg/Kg	☼	155	40 - 140
Pentachlorophenol	ND		3.62	4.933		mg/Kg	☼	136	40 - 140
Phenanthrene	0.0508	J F1	1.81	2.787	F1	mg/Kg	☼	151	40 - 140
Phenol	ND	F1 *+	1.81	2.975	F1	mg/Kg	☼	164	40 - 140
Pyrene	0.0703	J F1	1.81	2.787	F1	mg/Kg	☼	150	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*168*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*137*		*40 - 140*
2-Fluorophenol (Surr)	*148*	*S1+*	*40 - 140*
Nitrobenzene-d5 (Surr)	*170*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*156*	*S1+*	*40 - 140*
Terphenyl-d14 (Surr)	*139*		*40 - 140*

Lab Sample ID: 752-41441-1 MSD
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737888

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND	*+	1.78	2.269		mg/Kg	☼	127	40 - 140	3	50
2,4,5-Trichlorophenol	ND	F1	1.78	2.728	F1	mg/Kg	☼	153	40 - 140	6	50
2,4,6-Trichlorophenol	ND	F1	1.78	2.781	F1	mg/Kg	☼	156	40 - 140	1	50
2,4-Dichlorophenol	ND	F1	1.78	2.723	F1	mg/Kg	☼	153	40 - 140	2	50
2,4-Dimethylphenol	ND	F1	1.78	2.518	F1	mg/Kg	☼	141	40 - 140	2	50
2,4-Dinitrophenol	0.148	J	3.57	2.606		mg/Kg	☼	69	40 - 140	1	50
2,4-Dinitrotoluene	ND	F1	1.78	3.474	F1	mg/Kg	☼	195	40 - 140	2	50
2,6-Dinitrotoluene	ND	F1	1.78	3.701	E F1	mg/Kg	☼	208	40 - 140	1	50
2-Chloronaphthalene	ND		1.78	2.448		mg/Kg	☼	137	40 - 140	2	50
2-Chlorophenol	ND	F1	1.78	2.829	F1	mg/Kg	☼	159	40 - 140	1	50
2-Methylnaphthalene	ND		1.78	2.465		mg/Kg	☼	138	40 - 140	1	50
2-Methylphenol	ND	F1 *+	1.78	3.215	F1	mg/Kg	☼	180	40 - 140	2	50
2-Nitroaniline	ND	F1	1.78	3.563	F1	mg/Kg	☼	200	40 - 140	2	50
2-Nitrophenol	ND	F1	1.78	3.598	E F1	mg/Kg	☼	202	40 - 140	0	50
3 & 4 Methylphenol	ND	F1 *+	1.78	3.031	F1	mg/Kg	☼	170	40 - 140	2	50
3,3'-Dichlorobenzidine	ND	F1	3.57	5.585	E F1	mg/Kg	☼	157	40 - 140	3	50
3-Nitroaniline	ND	F1	1.78	3.424	F1	mg/Kg	☼	192	40 - 140	2	50

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

Lab Sample ID: 752-41441-1 MSD
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737888

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,6-Dinitro-2-methylphenol	ND	F1	3.57	5.987	F1	mg/Kg	☼	168	40 - 140	1	50
4-Bromophenyl phenyl ether	ND	F1 *+	1.78	2.625	F1	mg/Kg	☼	147	40 - 140	2	50
4-Chloro-3-methylphenol	ND	F1	1.78	2.714	F1	mg/Kg	☼	152	40 - 140	1	50
4-Chloroaniline	ND		1.78	2.336		mg/Kg	☼	131	40 - 140	1	50
4-Chlorophenyl phenyl ether	ND	*+	1.78	2.344		mg/Kg	☼	131	40 - 140	3	50
4-Nitroaniline	ND	F1	1.78	3.311	F1	mg/Kg	☼	186	40 - 140	2	50
4-Nitrophenol	ND	F1	3.57	6.062	F1	mg/Kg	☼	170	40 - 140	4	50
Acenaphthene	ND		1.78	2.339		mg/Kg	☼	131	40 - 140	4	50
Acenaphthylene	ND		1.78	2.368		mg/Kg	☼	133	40 - 140	3	50
Acetophenone	ND	F1 *+	1.78	2.904	F1	mg/Kg	☼	163	40 - 140	0	50
Anthracene	ND	F1	1.78	2.725	F1	mg/Kg	☼	153	40 - 140	0	50
Atrazine	ND		1.78	2.409		mg/Kg	☼	135	40 - 140	1	50
Benzaldehyde	ND		1.78	1.754		mg/Kg	☼	98	40 - 140	2	50
Benzo[a]anthracene	ND	F1	1.78	2.767	F1	mg/Kg	☼	155	40 - 140	5	50
Benzo[a]pyrene	ND	F1	1.78	2.715	F1	mg/Kg	☼	152	40 - 140	3	50
Benzo[b]fluoranthene	0.0568	J F1	1.78	2.750	F1	mg/Kg	☼	151	40 - 140	0	50
Benzo[g,h,i]perylene	ND	F1	1.78	2.559	F1	mg/Kg	☼	143	40 - 140	2	50
Benzo[k]fluoranthene	ND	F1	1.78	2.620	F1	mg/Kg	☼	147	40 - 140	7	50
bis (2-chloroisopropyl) ether	ND	F1 *+	1.78	2.571	F1	mg/Kg	☼	144	40 - 140	1	50
Bis(2-chloroethoxy)methane	ND	F1	1.78	2.677	F1	mg/Kg	☼	150	40 - 140	1	50
Bis(2-chloroethyl)ether	ND	F1 *+	1.78	2.876	F1	mg/Kg	☼	161	40 - 140	2	50
Bis(2-ethylhexyl) phthalate	0.335	J F1 B	1.78	3.017	F1	mg/Kg	☼	150	40 - 140	2	50
Butyl benzyl phthalate	0.105	J F1	1.78	3.016	F1	mg/Kg	☼	163	40 - 140	2	50
Caprolactam	ND		1.78	2.293		mg/Kg	☼	129	40 - 140	2	50
Carbazole	ND	F1	1.78	2.976	F1	mg/Kg	☼	167	40 - 140	2	50
Chrysene	0.0457	J F1	1.78	2.704	F1	mg/Kg	☼	149	40 - 140	2	50
Dibenz(a,h)anthracene	ND	F1	1.78	2.653	F1	mg/Kg	☼	149	40 - 140	3	50
Dibenzofuran	ND	F1	1.78	2.604	F1	mg/Kg	☼	146	40 - 140	3	50
Diethyl phthalate	ND		1.78	2.442		mg/Kg	☼	137	40 - 140	2	50
Dimethyl phthalate	ND	F1	1.78	2.624	F1	mg/Kg	☼	147	40 - 140	2	50
Di-n-butyl phthalate	ND	F1	1.78	2.729	F1	mg/Kg	☼	153	40 - 140	1	50
Di-n-octyl phthalate	ND	F1	1.78	3.067	F1	mg/Kg	☼	172	40 - 140	2	50
Fluoranthene	0.0817	J F1	1.78	2.744	F1	mg/Kg	☼	149	40 - 140	2	50
Fluorene	ND	F1	1.78	2.615	F1	mg/Kg	☼	147	40 - 140	2	50
Hexachlorobenzene	ND	F1 *+	1.78	2.669	F1	mg/Kg	☼	150	40 - 140	1	50
Hexachlorobutadiene	ND	*+	1.78	2.385		mg/Kg	☼	134	40 - 140	1	50
Hexachlorocyclopentadiene	ND		1.78	2.046		mg/Kg	☼	115	40 - 140	0	50
Hexachloroethane	ND	F1 *+	1.78	2.932	F1	mg/Kg	☼	164	40 - 140	1	50
Indeno[1,2,3-cd]pyrene	ND	F1	1.78	2.648	F1	mg/Kg	☼	148	40 - 140	3	50
Isophorone	ND	F1 *+	1.78	2.820	F1	mg/Kg	☼	158	40 - 140	1	50
Naphthalene	ND	F1	1.78	2.602	F1	mg/Kg	☼	146	40 - 140	1	50
Nitrobenzene	ND	F1 *+	1.78	3.327	F1	mg/Kg	☼	187	40 - 140	1	50
N-Nitrosodi-n-propylamine	ND	F1 *+	1.78	2.995	F1	mg/Kg	☼	168	40 - 140	2	50
N-Nitrosodiphenylamine	ND	F1	1.77	2.672	F1	mg/Kg	☼	151	40 - 140	4	50
Pentachlorophenol	ND		3.57	4.820		mg/Kg	☼	135	40 - 140	2	50
Phenanthrene	0.0508	J F1	1.78	2.769	F1	mg/Kg	☼	152	40 - 140	1	50
Phenol	ND	F1 *+	1.78	2.891	F1	mg/Kg	☼	162	40 - 140	3	50
Pyrene	0.0703	J F1	1.78	2.724	F1	mg/Kg	☼	149	40 - 140	2	50

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

Lab Sample ID: 752-41441-1 MSD
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737887

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*163*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*135*		*40 - 140*
2-Fluorophenol (Surr)	*150*	*S1+*	*40 - 140*
Nitrobenzene-d5 (Surr)	*172*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*156*	*S1+*	*40 - 140*
Terphenyl-d14 (Surr)	*136*		*40 - 140*

Lab Sample ID: MB 400-738378/1-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.329	0.00956	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,4,5-Trichlorophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,4,6-Trichlorophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,4-Dichlorophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,4-Dimethylphenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,4-Dinitrophenol	ND		0.986	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,4-Dinitrotoluene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2,6-Dinitrotoluene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2-Chloronaphthalene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2-Chlorophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2-Methylnaphthalene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2-Methylphenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2-Nitroaniline	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
2-Nitrophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
3 & 4 Methylphenol	ND		0.657	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
3,3'-Dichlorobenzidine	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
3-Nitroaniline	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4,6-Dinitro-2-methylphenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4-Bromophenyl phenyl ether	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4-Chloro-3-methylphenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4-Chloroaniline	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4-Chlorophenyl phenyl ether	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4-Nitroaniline	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
4-Nitrophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Acenaphthene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Acenaphthylene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Acetophenone	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Anthracene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Atrazine	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Benzaldehyde	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Benzo[a]anthracene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Benzo[a]pyrene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Benzo[b]fluoranthene	ND		0.329	0.00139	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Benzo[g,h,i]perylene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Benzo[k]fluoranthene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
bis (2-chloroisopropyl) ether	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1

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

Lab Sample ID: MB 400-738378/1-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Bis(2-chloroethyl)ether	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Bis(2-ethylhexyl) phthalate	ND		0.329	0.0996	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Butyl benzyl phthalate	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Caprolactam	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Carbazole	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Chrysene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Dibenz(a,h)anthracene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Dibenzofuran	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Diethyl phthalate	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Dimethyl phthalate	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Di-n-butyl phthalate	ND		0.986	0.299	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Di-n-octyl phthalate	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Fluoranthene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Fluorene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Hexachlorobenzene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Hexachlorobutadiene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Hexachlorocyclopentadiene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Hexachloroethane	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Indeno[1,2,3-cd]pyrene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Isophorone	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Naphthalene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Nitrobenzene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
N-Nitrosodi-n-propylamine	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
N-Nitrosodiphenylamine	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Pentachlorophenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Phenanthrene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Phenol	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1
Pyrene	ND		0.329	0.0329	mg/Kg		02/04/26 16:21	02/05/26 17:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*40 - 140*	*02/04/26 16:21*	*02/05/26 17:21*	*1*
2-Fluorobiphenyl (Surr)	*99*		*40 - 140*	*02/04/26 16:21*	*02/05/26 17:21*	*1*
2-Fluorophenol (Surr)	*103*		*40 - 140*	*02/04/26 16:21*	*02/05/26 17:21*	*1*
Nitrobenzene-d5 (Surr)	*107*		*40 - 140*	*02/04/26 16:21*	*02/05/26 17:21*	*1*
Phenol-d5 (Surr)	*96*		*40 - 140*	*02/04/26 16:21*	*02/05/26 17:21*	*1*
Terphenyl-d14 (Surr)	*119*		*40 - 140*	*02/04/26 16:21*	*02/05/26 17:21*	*1*

Lab Sample ID: LCS 400-738378/2-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.49	1.563		mg/Kg		105	19 - 126
2,4,5-Trichlorophenol	1.49	1.565		mg/Kg		105	10 - 150
2,4,6-Trichlorophenol	1.49	1.602		mg/Kg		107	10 - 150
2,4-Dichlorophenol	1.49	1.552		mg/Kg		104	10 - 150
2,4-Dimethylphenol	1.49	1.480		mg/Kg		99	10 - 141

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

Lab Sample ID: LCS 400-738378/2-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrophenol	2.98	1.952		mg/Kg		65	10 - 150
2,4-Dinitrotoluene	1.49	1.419		mg/Kg		95	31 - 136
2,6-Dinitrotoluene	1.49	1.388		mg/Kg		93	31 - 137
2-Chloronaphthalene	1.49	1.519		mg/Kg		102	20 - 126
2-Chlorophenol	1.49	1.714		mg/Kg		115	10 - 150
2-Methylnaphthalene	1.49	1.541		mg/Kg		103	20 - 150
2-Methylphenol	1.49	1.838		mg/Kg		123	18 - 126
2-Nitroaniline	1.49	1.385		mg/Kg		93	30 - 150
2-Nitrophenol	1.49	1.380		mg/Kg		93	19 - 150
3 & 4 Methylphenol	1.49	1.831		mg/Kg		123	10 - 150
3,3'-Dichlorobenzidine	2.98	2.260		mg/Kg		76	10 - 124
3-Nitroaniline	1.49	1.329		mg/Kg		89	10 - 148
4,6-Dinitro-2-methylphenol	2.98	2.422		mg/Kg		81	15 - 150
4-Bromophenyl phenyl ether	1.49	1.684		mg/Kg		113	21 - 129
4-Chloro-3-methylphenol	1.49	1.423		mg/Kg		95	16 - 150
4-Chloroaniline	1.49	1.069		mg/Kg		72	10 - 120
4-Chlorophenyl phenyl ether	1.49	1.594		mg/Kg		107	21 - 124
4-Nitroaniline	1.49	1.391		mg/Kg		93	21 - 146
4-Nitrophenol	2.98	2.612		mg/Kg		88	10 - 150
Acenaphthene	1.49	1.601		mg/Kg		107	21 - 150
Acenaphthylene	1.49	1.682		mg/Kg		113	22 - 150
Acetophenone	1.49	1.739		mg/Kg		117	15 - 128
Anthracene	1.49	1.638		mg/Kg		110	28 - 150
Atrazine	1.49	1.376		mg/Kg		92	10 - 150
Benzaldehyde	1.49	1.410		mg/Kg		95	10 - 150
Benzo[a]anthracene	1.49	1.622		mg/Kg		109	32 - 150
Benzo[a]pyrene	1.49	1.685		mg/Kg		113	24 - 150
Benzo[b]fluoranthene	1.49	1.673		mg/Kg		112	17 - 150
Benzo[g,h,i]perylene	1.49	1.660		mg/Kg		111	25 - 150
Benzo[k]fluoranthene	1.49	1.706		mg/Kg		114	24 - 150
bis (2-chloroisopropyl) ether	1.49	1.770		mg/Kg		119	13 - 125
Bis(2-chloroethoxy)methane	1.49	1.501		mg/Kg		101	16 - 132
Bis(2-chloroethyl)ether	1.49	1.745		mg/Kg		117	24 - 120
Bis(2-ethylhexyl) phthalate	1.49	1.501		mg/Kg		101	12 - 150
Butyl benzyl phthalate	1.49	1.514		mg/Kg		102	24 - 150
Caprolactam	1.49	1.616		mg/Kg		108	10 - 150
Carbazole	1.49	1.617		mg/Kg		108	16 - 150
Chrysene	1.49	1.623		mg/Kg		109	31 - 150
Dibenz(a,h)anthracene	1.49	1.620		mg/Kg		109	26 - 150
Dibenzofuran	1.49	1.560		mg/Kg		105	27 - 123
Diethyl phthalate	1.49	1.437		mg/Kg		96	20 - 150
Dimethyl phthalate	1.49	1.430		mg/Kg		96	21 - 140
Di-n-butyl phthalate	1.49	1.390		mg/Kg		93	10 - 150
Di-n-octyl phthalate	1.49	1.458		mg/Kg		98	23 - 150
Fluoranthene	1.49	1.514		mg/Kg		102	27 - 150
Fluorene	1.49	1.615		mg/Kg		108	21 - 150
Hexachlorobenzene	1.49	1.718		mg/Kg		115	23 - 121
Hexachlorobutadiene	1.49	1.672		mg/Kg		112	15 - 120
Hexachlorocyclopentadiene	1.49	1.318		mg/Kg		88	14 - 132

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

Lab Sample ID: LCS 400-738378/2-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachloroethane	1.49	1.922	*+	mg/Kg		129	20 - 120
Indeno[1,2,3-cd]pyrene	1.49	1.535		mg/Kg		103	33 - 150
Isophorone	1.49	1.755		mg/Kg		118	22 - 129
Naphthalene	1.49	1.628		mg/Kg		109	17 - 150
Nitrobenzene	1.49	1.629		mg/Kg		109	22 - 126
N-Nitrosodi-n-propylamine	1.49	1.753		mg/Kg		118	23 - 128
N-Nitrosodiphenylamine	1.48	1.610		mg/Kg		109	21 - 137
Pentachlorophenol	2.98	3.217		mg/Kg		108	10 - 150
Phenanthrene	1.49	1.667		mg/Kg		112	24 - 150
Phenol	1.49	1.535		mg/Kg		103	10 - 150
Pyrene	1.49	1.532		mg/Kg		103	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*40 - 140*
2-Fluorobiphenyl (Surr)	*96*		*40 - 140*
2-Fluorophenol (Surr)	*103*		*40 - 140*
Nitrobenzene-d5 (Surr)	*109*		*40 - 140*
Phenol-d5 (Surr)	*101*		*40 - 140*
Terphenyl-d14 (Surr)	*107*		*40 - 140*

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

Lab Sample ID: MB 400-737891/1-A
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		01/30/26 13:04	02/02/26 22:39	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*51*		*10 - 150*	*01/30/26 13:04*	*02/02/26 22:39*	*1*

Lab Sample ID: LCS 400-737891/2-A
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2054		mg/Kg		77	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*50*		*10 - 150*

Lab Sample ID: 752-41441-1 MS
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.00377		0.330	0.2782		mg/Kg	☼	83	50 - 150

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

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
1,4-Dioxane-d8	48		10 - 150

Lab Sample ID: 752-41441-1 MSD — **Client Sample ID: 821-SED-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 738078 — **Prep Batch: 737891**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.00377		0.327	0.2769		mg/Kg	☼	83	50 - 150	0	50

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
1,4-Dioxane-d8	47		10 - 150

Lab Sample ID: MB 400-738379/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 738626 — **Prep Batch: 738379**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		02/04/26 16:23	02/06/26 14:16	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	49		10 - 150	02/04/26 16:23	02/06/26 14:16	1

Lab Sample ID: LCS 400-738379/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 738401 — **Prep Batch: 738379**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.266	0.1969		mg/Kg		74	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	52		10 - 150

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-111538/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 111652

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			02/02/26 20:38	1

Lab Sample ID: LCS 705-111538/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 111652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	260.2		mg/Kg		104	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-111538/1-A
Matrix: Solid
Analysis Batch: 111653

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			02/02/26 20:38	1

Lab Sample ID: LCS 705-111538/2-A
Matrix: Solid
Analysis Batch: 111653

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	53.22		mg/Kg		106	90 - 110

Lab Sample ID: MB 705-113574/1-A
Matrix: Solid
Analysis Batch: 113600

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			02/11/26 15:19	1

Lab Sample ID: LCS 705-113574/2-A
Matrix: Solid
Analysis Batch: 113600

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	50.71		mg/Kg		101	90 - 110

Lab Sample ID: MB 705-113574/1-A
Matrix: Solid
Analysis Batch: 113601

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			02/11/26 15:19	1

Lab Sample ID: LCS 705-113574/2-A
Matrix: Solid
Analysis Batch: 113601

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	242.0		mg/Kg		97	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-111362/1-A
Matrix: Solid
Analysis Batch: 112222

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Arsenic	ND		0.600	0.0535	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Barium	0.08131	J	2.50	0.0142	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Beryllium	ND		0.500	0.0351	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Cadmium	ND		0.500	0.0163	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Chromium	ND		1.00	0.206	mg/Kg		02/02/26 10:10	02/04/26 20:38	5

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

Lab Sample ID: MB 705-111362/1-A
Matrix: Solid
Analysis Batch: 112222

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.750	0.0283	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Copper	0.08625	J	0.500	0.0520	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Lead	ND		0.500	0.0590	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Manganese	ND		1.00	0.0615	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Nickel	ND		1.00	0.0262	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Selenium	ND		2.50	0.178	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Silver	ND		0.250	0.00290	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Thallium	ND		0.700	0.0422	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Vanadium	ND		1.00	0.126	mg/Kg		02/02/26 10:10	02/04/26 20:38	5
Zinc	ND	^+	2.50	2.08	mg/Kg		02/02/26 10:10	02/04/26 20:38	5

Lab Sample ID: LCS 705-111362/2-A
Matrix: Solid
Analysis Batch: 112222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.504		mg/Kg		95	80 - 120
Arsenic	10.0	10.70		mg/Kg		107	80 - 120
Barium	10.0	9.627		mg/Kg		96	80 - 120
Beryllium	10.0	9.117		mg/Kg		91	80 - 120
Cadmium	10.0	10.63		mg/Kg		106	80 - 120
Chromium	10.0	10.88		mg/Kg		109	80 - 120
Cobalt	10.0	10.98		mg/Kg		110	80 - 120
Copper	10.0	11.31		mg/Kg		113	80 - 120
Lead	10.0	9.945		mg/Kg		99	80 - 120
Manganese	10.0	10.66		mg/Kg		107	80 - 120
Nickel	10.0	11.47		mg/Kg		115	80 - 120
Selenium	10.0	9.840		mg/Kg		98	80 - 120
Silver	1.00	1.080		mg/Kg		108	80 - 120
Thallium	10.0	10.15		mg/Kg		101	80 - 120
Vanadium	10.0	11.09		mg/Kg		111	80 - 120
Zinc	10.0	11.54	^+	mg/Kg		115	80 - 120

Lab Sample ID: MB 705-112177/1-A
Matrix: Solid
Analysis Batch: 112824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Arsenic	ND		0.600	0.0535	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Barium	0.05137	J	2.50	0.0142	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Beryllium	ND		0.500	0.0351	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Cadmium	ND		0.500	0.0163	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Chromium	ND		1.00	0.206	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Cobalt	ND		0.750	0.0283	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Copper	ND		0.500	0.0520	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Lead	ND		0.500	0.0590	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Manganese	ND		1.00	0.0615	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Nickel	0.1658	J	1.00	0.0262	mg/Kg		02/05/26 12:45	02/07/26 05:48	5

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

Lab Sample ID: MB 705-112177/1-A
Matrix: Solid
Analysis Batch: 112824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		2.50	0.178	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Silver	ND		0.250	0.00290	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Thallium	ND		0.700	0.0422	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Vanadium	ND		1.00	0.126	mg/Kg		02/05/26 12:45	02/07/26 05:48	5
Zinc	ND		2.50	2.08	mg/Kg		02/05/26 12:45	02/07/26 05:48	5

Lab Sample ID: LCS 705-112177/2-A
Matrix: Solid
Analysis Batch: 112824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.66		mg/Kg		107	80 - 120
Arsenic	10.0	11.95		mg/Kg		119	80 - 120
Barium	10.0	9.740		mg/Kg		97	80 - 120
Beryllium	10.0	9.920		mg/Kg		99	80 - 120
Cadmium	10.0	10.46		mg/Kg		105	80 - 120
Chromium	10.0	11.36		mg/Kg		114	80 - 120
Cobalt	10.0	11.46		mg/Kg		115	80 - 120
Copper	10.0	10.78		mg/Kg		108	80 - 120
Lead	10.0	9.877		mg/Kg		99	80 - 120
Manganese	10.0	10.26		mg/Kg		103	80 - 120
Nickel	10.0	11.86		mg/Kg		119	80 - 120
Selenium	10.0	10.64		mg/Kg		106	80 - 120
Silver	1.00	1.166		mg/Kg		117	80 - 120
Thallium	10.0	10.10		mg/Kg		101	80 - 120
Vanadium	10.0	11.66		mg/Kg		117	80 - 120
Zinc	10.0	10.74		mg/Kg		107	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-111644/1-A
Matrix: Solid
Analysis Batch: 112063

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		02/03/26 15:30	02/04/26 16:05	1

Lab Sample ID: LCS 705-111644/2-A
Matrix: Solid
Analysis Batch: 112063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.3977		mg/Kg		99	80 - 120

Lab Sample ID: 752-41441-1 MS
Matrix: Solid
Analysis Batch: 112063

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 111644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.489	0.4960		mg/Kg	☼	101	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: 752-41441-1 MSD
Matrix: Solid
Analysis Batch: 112063

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 111644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.489	0.5002		mg/Kg	☼	102	80 - 120	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-738628/19
Matrix: Solid
Analysis Batch: 738628

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			0.0500	0.05300		mg/L		106	50 - 150		

Lab Sample ID: MRL 400-739071/19
Matrix: Solid
Analysis Batch: 739071

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			0.0500	0.05000		mg/L		100	50 - 150		

Lab Sample ID: MB 400-738458/1-A
Matrix: Solid
Analysis Batch: 738628

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.990	0.317	mg/Kg			02/06/26 11:44	1

Lab Sample ID: LCS 400-738458/2-A
Matrix: Solid
Analysis Batch: 738628

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.7	59.52		mg/Kg		100	90 - 110		

Lab Sample ID: 752-41441-1 MS
Matrix: Solid
Analysis Batch: 738628

Client Sample ID: 821-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	ND		18.4	18.97		mg/Kg	☼	103	90 - 110		

Lab Sample ID: 752-41441-1 MSD
Matrix: Solid
Analysis Batch: 738628

Client Sample ID: 821-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND		18.4	19.22		mg/Kg	☼	104	90 - 110	1	11

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 400-738980/1-A
Matrix: Solid
Analysis Batch: 739071

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.996	0.319	mg/Kg			02/11/26 14:42	1

Lab Sample ID: LCS 400-738980/2-A
Matrix: Solid
Analysis Batch: 739071

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.2	61.08		mg/Kg		103	90 - 110

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-737999/1-A
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		02/02/26 09:28	02/04/26 16:28	1

Lab Sample ID: LCS 400-737999/2-A
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.00	1.830		mg/Kg		91	85 - 115

Lab Sample ID: 752-41441-1 MS
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1 F2	543	1006	F1	mg/Kg	☼	185	75 - 125

Lab Sample ID: 752-41441-1 MSD
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: 821-SED-1
Prep Type: Total/NA
Prep Batch: 737999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND	F1 F2	517	743.9	F1 F2	mg/Kg	☼	144	75 - 125	30	15

Lab Sample ID: 752-41441-2 MS
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: 821-SED-2
Prep Type: Total/NA
Prep Batch: 737999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		2.28	2.105		mg/Kg	☼	92	75 - 125

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: 752-41441-2 MSD
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: 821-SED-2
Prep Type: Total/NA
Prep Batch: 737999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND		2.42	2.375		mg/Kg	☼	98	75 - 125	12	15

Lab Sample ID: MB 400-738741/1-A
Matrix: Solid
Analysis Batch: 738935

Client Sample ID: Method Blank
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 738935

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

Prep Batch: 112728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	5030B	
752-41441-2	821-SED-2	Total/NA	Solid	5030B	
752-41441-3	821-SED-3	Total/NA	Solid	5030B	
752-41441-4	821-SED-4	Total/NA	Solid	5030B	
752-41441-5	821-SED-5	Total/NA	Solid	5030B	
752-41441-6	821-SED-6	Total/NA	Solid	5030B	
752-41441-7	821-SED-7	Total/NA	Solid	5030B	
752-41441-8	821-SED-Dup	Total/NA	Solid	5030B	
752-41441-7 MS	821-SED-7	Total/NA	Solid	5030B	
752-41441-7 DU	821-SED-7	Total/NA	Solid	5030B	

Analysis Batch: 113019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	8260D	112728
752-41441-2	821-SED-2	Total/NA	Solid	8260D	112728
752-41441-3	821-SED-3	Total/NA	Solid	8260D	112728
752-41441-4	821-SED-4	Total/NA	Solid	8260D	112728
752-41441-5	821-SED-5	Total/NA	Solid	8260D	112728
MB 705-113019/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-113019/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-113019/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-113019/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-113019/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 113125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-7	821-SED-7	Total/NA	Solid	8260D	112728
MB 705-113125/7	Method Blank	Total/NA	Solid	8260D	
LCS 705-113125/2	Lab Control Sample	Total/NA	Solid	8260D	

Analysis Batch: 113128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-6	821-SED-6	Total/NA	Solid	8260D	112728
752-41441-8	821-SED-Dup	Total/NA	Solid	8260D	112728
MB 705-113128/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-113128/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-113128/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-113128/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-113128/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 113387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-9	Trip Blank	Total/NA	Water	8260D	
MB 705-113387/6	Method Blank	Total/NA	Water	8260D	
LCS 705-113387/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 113498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-7	821-SED-7	Total/NA	Solid	8260D	112728
MB 705-113498/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-113498/7	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 113498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-113498/8	Lab Control Sample	Total/NA	Solid	8260D	
752-41441-7 MS	821-SED-7	Total/NA	Solid	8260D	112728
752-41441-7 DU	821-SED-7	Total/NA	Solid	8260D	112728

Analysis Batch: 113513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-9	Trip Blank	Total/NA	Water	8260D	
MB 705-113513/7	Method Blank	Total/NA	Water	8260D	
LCS 705-113513/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	3546	
752-41441-2	821-SED-2	Total/NA	Solid	3546	
752-41441-3	821-SED-3	Total/NA	Solid	3546	
752-41441-4	821-SED-4	Total/NA	Solid	3546	
752-41441-5	821-SED-5	Total/NA	Solid	3546	
752-41441-6	821-SED-6	Total/NA	Solid	3546	
752-41441-7	821-SED-7	Total/NA	Solid	3546	
MB 400-737888/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-737888/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-41441-1 MS	821-SED-1	Total/NA	Solid	3546	
752-41441-1 MSD	821-SED-1	Total/NA	Solid	3546	

Prep Batch: 737891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	3546	
752-41441-2	821-SED-2	Total/NA	Solid	3546	
752-41441-3	821-SED-3	Total/NA	Solid	3546	
752-41441-4	821-SED-4	Total/NA	Solid	3546	
752-41441-5	821-SED-5	Total/NA	Solid	3546	
752-41441-6	821-SED-6	Total/NA	Solid	3546	
752-41441-7	821-SED-7	Total/NA	Solid	3546	
MB 400-737891/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-737891/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-41441-1 MS	821-SED-1	Total/NA	Solid	3546	
752-41441-1 MSD	821-SED-1	Total/NA	Solid	3546	

Analysis Batch: 738020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-2	821-SED-2	Total/NA	Solid	8270E	737888
752-41441-4	821-SED-4	Total/NA	Solid	8270E	737888
752-41441-5	821-SED-5	Total/NA	Solid	8270E	737888
752-41441-6	821-SED-6	Total/NA	Solid	8270E	737888
752-41441-7	821-SED-7	Total/NA	Solid	8270E	737888
MB 400-737888/1-A	Method Blank	Total/NA	Solid	8270E	737888
752-41441-1 MS	821-SED-1	Total/NA	Solid	8270E	737888
752-41441-1 MSD	821-SED-1	Total/NA	Solid	8270E	737888

GC/MS Semi VOA

Analysis Batch: 738078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	8270E SIM ID	737891
752-41441-2	821-SED-2	Total/NA	Solid	8270E SIM ID	737891
752-41441-3	821-SED-3	Total/NA	Solid	8270E SIM ID	737891
752-41441-4	821-SED-4	Total/NA	Solid	8270E SIM ID	737891
752-41441-5	821-SED-5	Total/NA	Solid	8270E SIM ID	737891
752-41441-6	821-SED-6	Total/NA	Solid	8270E SIM ID	737891
752-41441-7	821-SED-7	Total/NA	Solid	8270E SIM ID	737891
MB 400-737891/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	737891
LCS 400-737891/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	737891
752-41441-1 MS	821-SED-1	Total/NA	Solid	8270E SIM ID	737891
752-41441-1 MSD	821-SED-1	Total/NA	Solid	8270E SIM ID	737891

Analysis Batch: 738175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-737888/2-A	Lab Control Sample	Total/NA	Solid	8270E	737888

Analysis Batch: 738295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-3	821-SED-3	Total/NA	Solid	8270E	737888

Prep Batch: 738378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	3546	
MB 400-738378/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-738378/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 738379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	3546	
MB 400-738379/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-738379/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 738401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-738379/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	738379

Analysis Batch: 738421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	8270E	737888
752-41441-8	821-SED-Dup	Total/NA	Solid	8270E	738378
MB 400-738378/1-A	Method Blank	Total/NA	Solid	8270E	738378
LCS 400-738378/2-A	Lab Control Sample	Total/NA	Solid	8270E	738378

Analysis Batch: 738626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	8270E SIM ID	738379
MB 400-738379/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	738379

HPLC/IC

Leach Batch: 111538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Soluble	Solid	DI Leach	
752-41441-2	821-SED-2	Soluble	Solid	DI Leach	
752-41441-3	821-SED-3	Soluble	Solid	DI Leach	
752-41441-4	821-SED-4	Soluble	Solid	DI Leach	
752-41441-5	821-SED-5	Soluble	Solid	DI Leach	
752-41441-6	821-SED-6	Soluble	Solid	DI Leach	
752-41441-7	821-SED-7	Soluble	Solid	DI Leach	
MB 705-111538/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-111538/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 111652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Soluble	Solid	9056A	111538
752-41441-2	821-SED-2	Soluble	Solid	9056A	111538
752-41441-3	821-SED-3	Soluble	Solid	9056A	111538
752-41441-4	821-SED-4	Soluble	Solid	9056A	111538
752-41441-5	821-SED-5	Soluble	Solid	9056A	111538
752-41441-6	821-SED-6	Soluble	Solid	9056A	111538
752-41441-7	821-SED-7	Soluble	Solid	9056A	111538
MB 705-111538/1-A	Method Blank	Soluble	Solid	9056A	111538
LCS 705-111538/2-A	Lab Control Sample	Soluble	Solid	9056A	111538

Analysis Batch: 111653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Soluble	Solid	9056A	111538
752-41441-2	821-SED-2	Soluble	Solid	9056A	111538
752-41441-3	821-SED-3	Soluble	Solid	9056A	111538
752-41441-4	821-SED-4	Soluble	Solid	9056A	111538
752-41441-5	821-SED-5	Soluble	Solid	9056A	111538
752-41441-6	821-SED-6	Soluble	Solid	9056A	111538
752-41441-7	821-SED-7	Soluble	Solid	9056A	111538
MB 705-111538/1-A	Method Blank	Soluble	Solid	9056A	111538
LCS 705-111538/2-A	Lab Control Sample	Soluble	Solid	9056A	111538

Leach Batch: 113574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Soluble	Solid	DI Leach	
MB 705-113574/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-113574/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 113600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Soluble	Solid	9056A	113574
MB 705-113574/1-A	Method Blank	Soluble	Solid	9056A	113574
LCS 705-113574/2-A	Lab Control Sample	Soluble	Solid	9056A	113574

Analysis Batch: 113601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Soluble	Solid	9056A	113574
MB 705-113574/1-A	Method Blank	Soluble	Solid	9056A	113574
LCS 705-113574/2-A	Lab Control Sample	Soluble	Solid	9056A	113574

Metals

Prep Batch: 111362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	3050B	
752-41441-2	821-SED-2	Total/NA	Solid	3050B	
752-41441-3	821-SED-3	Total/NA	Solid	3050B	
752-41441-4	821-SED-4	Total/NA	Solid	3050B	
752-41441-5	821-SED-5	Total/NA	Solid	3050B	
752-41441-6	821-SED-6	Total/NA	Solid	3050B	
752-41441-7	821-SED-7	Total/NA	Solid	3050B	
MB 705-111362/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-111362/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 111644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	7471B	
752-41441-2	821-SED-2	Total/NA	Solid	7471B	
752-41441-3	821-SED-3	Total/NA	Solid	7471B	
752-41441-4	821-SED-4	Total/NA	Solid	7471B	
752-41441-5	821-SED-5	Total/NA	Solid	7471B	
752-41441-6	821-SED-6	Total/NA	Solid	7471B	
752-41441-7	821-SED-7	Total/NA	Solid	7471B	
752-41441-8	821-SED-Dup	Total/NA	Solid	7471B	
MB 705-111644/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-111644/2-A	Lab Control Sample	Total/NA	Solid	7471B	
752-41441-1 MS	821-SED-1	Total/NA	Solid	7471B	
752-41441-1 MSD	821-SED-1	Total/NA	Solid	7471B	

Analysis Batch: 112063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	7471B	111644
752-41441-2	821-SED-2	Total/NA	Solid	7471B	111644
752-41441-3	821-SED-3	Total/NA	Solid	7471B	111644
752-41441-4	821-SED-4	Total/NA	Solid	7471B	111644
752-41441-5	821-SED-5	Total/NA	Solid	7471B	111644
752-41441-6	821-SED-6	Total/NA	Solid	7471B	111644
752-41441-7	821-SED-7	Total/NA	Solid	7471B	111644
752-41441-8	821-SED-Dup	Total/NA	Solid	7471B	111644
MB 705-111644/1-A	Method Blank	Total/NA	Solid	7471B	111644
LCS 705-111644/2-A	Lab Control Sample	Total/NA	Solid	7471B	111644
752-41441-1 MS	821-SED-1	Total/NA	Solid	7471B	111644
752-41441-1 MSD	821-SED-1	Total/NA	Solid	7471B	111644

Prep Batch: 112177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	3050B	
MB 705-112177/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-112177/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 112222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	6020B	111362
752-41441-2	821-SED-2	Total/NA	Solid	6020B	111362
752-41441-3	821-SED-3	Total/NA	Solid	6020B	111362

Metals (Continued)

Analysis Batch: 112222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-4	821-SED-4	Total/NA	Solid	6020B	111362
752-41441-5	821-SED-5	Total/NA	Solid	6020B	111362
752-41441-6	821-SED-6	Total/NA	Solid	6020B	111362
752-41441-7	821-SED-7	Total/NA	Solid	6020B	111362
MB 705-111362/1-A	Method Blank	Total/NA	Solid	6020B	111362
LCS 705-111362/2-A	Lab Control Sample	Total/NA	Solid	6020B	111362

Analysis Batch: 112397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	6020B	111362
752-41441-2	821-SED-2	Total/NA	Solid	6020B	111362
752-41441-3	821-SED-3	Total/NA	Solid	6020B	111362
752-41441-4	821-SED-4	Total/NA	Solid	6020B	111362
752-41441-5	821-SED-5	Total/NA	Solid	6020B	111362
752-41441-6	821-SED-6	Total/NA	Solid	6020B	111362

Analysis Batch: 112541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-3	821-SED-3	Total/NA	Solid	6020B	111362
752-41441-4	821-SED-4	Total/NA	Solid	6020B	111362

Analysis Batch: 112824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	6020B	112177
MB 705-112177/1-A	Method Blank	Total/NA	Solid	6020B	112177
LCS 705-112177/2-A	Lab Control Sample	Total/NA	Solid	6020B	112177

Analysis Batch: 113274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	6020B	112177

General Chemistry

Analysis Batch: 111357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Total/NA	Solid	D 2216	

Prep Batch: 737999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	3060A	
752-41441-2	821-SED-2	Total/NA	Solid	3060A	
752-41441-3	821-SED-3	Total/NA	Solid	3060A	
752-41441-4	821-SED-4	Total/NA	Solid	3060A	
752-41441-5	821-SED-5	Total/NA	Solid	3060A	
752-41441-6	821-SED-6	Total/NA	Solid	3060A	
752-41441-7	821-SED-7	Total/NA	Solid	3060A	
MB 400-737999/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-737999/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-41441-1 MS	821-SED-1	Total/NA	Solid	3060A	
752-41441-1 MSD	821-SED-1	Total/NA	Solid	3060A	
752-41441-2 MS	821-SED-2	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 737999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-2 MSD	821-SED-2	Total/NA	Solid	3060A	

Analysis Batch: 738090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	Moisture	
752-41441-2	821-SED-2	Total/NA	Solid	Moisture	
752-41441-3	821-SED-3	Total/NA	Solid	Moisture	
752-41441-4	821-SED-4	Total/NA	Solid	Moisture	
752-41441-5	821-SED-5	Total/NA	Solid	Moisture	
752-41441-6	821-SED-6	Total/NA	Solid	Moisture	
752-41441-7	821-SED-7	Total/NA	Solid	Moisture	
752-41441-1 DU	821-SED-1	Total/NA	Solid	Moisture	

Analysis Batch: 738352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Total/NA	Solid	7199	737999
752-41441-2	821-SED-2	Total/NA	Solid	7199	737999
752-41441-3	821-SED-3	Total/NA	Solid	7199	737999
752-41441-4	821-SED-4	Total/NA	Solid	7199	737999
752-41441-5	821-SED-5	Total/NA	Solid	7199	737999
752-41441-6	821-SED-6	Total/NA	Solid	7199	737999
752-41441-7	821-SED-7	Total/NA	Solid	7199	737999
MB 400-737999/1-A	Method Blank	Total/NA	Solid	7199	737999
LCS 400-737999/2-A	Lab Control Sample	Total/NA	Solid	7199	737999
752-41441-1 MS	821-SED-1	Total/NA	Solid	7199	737999
752-41441-1 MSD	821-SED-1	Total/NA	Solid	7199	737999
752-41441-2 MS	821-SED-2	Total/NA	Solid	7199	737999
752-41441-2 MSD	821-SED-2	Total/NA	Solid	7199	737999

Leach Batch: 738458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Soluble	Solid	DI Leach	
752-41441-2	821-SED-2	Soluble	Solid	DI Leach	
752-41441-3	821-SED-3	Soluble	Solid	DI Leach	
752-41441-4	821-SED-4	Soluble	Solid	DI Leach	
752-41441-5	821-SED-5	Soluble	Solid	DI Leach	
752-41441-6	821-SED-6	Soluble	Solid	DI Leach	
752-41441-7	821-SED-7	Soluble	Solid	DI Leach	
MB 400-738458/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-738458/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41441-1 MS	821-SED-1	Soluble	Solid	DI Leach	
752-41441-1 MSD	821-SED-1	Soluble	Solid	DI Leach	

Analysis Batch: 738628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-1	821-SED-1	Soluble	Solid	350.1	738458
752-41441-2	821-SED-2	Soluble	Solid	350.1	738458
752-41441-3	821-SED-3	Soluble	Solid	350.1	738458
752-41441-4	821-SED-4	Soluble	Solid	350.1	738458
752-41441-5	821-SED-5	Soluble	Solid	350.1	738458
752-41441-6	821-SED-6	Soluble	Solid	350.1	738458

General Chemistry (Continued)

Analysis Batch: 738628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-7	821-SED-7	Soluble	Solid	350.1	738458
MB 400-738458/1-A	Method Blank	Soluble	Solid	350.1	738458
LCS 400-738458/2-A	Lab Control Sample	Soluble	Solid	350.1	738458
MRL 400-738628/19	Lab Control Sample	Total/NA	Solid	350.1	
752-41441-1 MS	821-SED-1	Soluble	Solid	350.1	738458
752-41441-1 MSD	821-SED-1	Soluble	Solid	350.1	738458

Prep Batch: 738741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-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: 738935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-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
752-41441-8	821-SED-Dup	Soluble	Solid	DI Leach	
MB 400-738980/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-738980/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 739071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41441-8	821-SED-Dup	Soluble	Solid	350.1	738980
MB 400-738980/1-A	Method Blank	Soluble	Solid	350.1	738980
LCS 400-738980/2-A	Lab Control Sample	Soluble	Solid	350.1	738980
MRL 400-739071/19	Lab Control Sample	Total/NA	Solid	350.1	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-1
Lab Sample ID: 752-41441-1
Date Collected: 01/28/26 11:00
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-1
Lab Sample ID: 752-41441-1
Date Collected: 01/28/26 11:00
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 02:23
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738421	JAW	EET PEN	02/05/26 14:18
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		2	738078	VC1	EET PEN	02/03/26 00:03
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 01:03
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 01:03
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 21:47
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112397	TT	EET ATL	02/05/26 19:18
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:12
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 11:49
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 16:53

Client Sample ID: 821-SED-2
Lab Sample ID: 752-41441-2
Date Collected: 01/28/26 11:45
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-2
Lab Sample ID: 752-41441-2
Date Collected: 01/28/26 11:45
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 02:47
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/02/26 20:06

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-2
Lab Sample ID: 752-41441-2
Date Collected: 01/28/26 11:45
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		2	738078	VC1	EET PEN	02/03/26 00:24
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 01:15
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 01:15
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 21:51
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112397	TT	EET ATL	02/05/26 19:21
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:21
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 11:59
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 17:31

Client Sample ID: 821-SED-3
Lab Sample ID: 752-41441-3
Date Collected: 01/28/26 12:30
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-3
Lab Sample ID: 752-41441-3
Date Collected: 01/28/26 12:30
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 03:10
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738295	JAW	EET PEN	02/04/26 14:01
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/03/26 00:46
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 01:26
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 01:26
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 21:54
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112397	TT	EET ATL	02/05/26 19:24
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		10	112541	TT	EET ATL	02/05/26 20:11

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-3
Lab Sample ID: 752-41441-3
Date Collected: 01/28/26 12:30
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:31
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:02
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 18:09

Client Sample ID: 821-SED-4
Lab Sample ID: 752-41441-4
Date Collected: 01/28/26 13:15
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-4
Lab Sample ID: 752-41441-4
Date Collected: 01/28/26 13:15
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 03:34
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/02/26 21:06
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/03/26 01:07
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 01:38
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 01:38
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 21:57
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112397	TT	EET ATL	02/05/26 19:28
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		10	112541	TT	EET ATL	02/05/26 20:14
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:35
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:05
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 18:21

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-5
Lab Sample ID: 752-41441-5
Date Collected: 01/28/26 14:00
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-5
Lab Sample ID: 752-41441-5
Date Collected: 01/28/26 14:00
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 03:58
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/02/26 21:36
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/03/26 01:28
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 01:49
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 01:49
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 22:00
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112397	TT	EET ATL	02/05/26 19:31
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:38
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:07
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 19:36

Client Sample ID: 821-SED-6
Lab Sample ID: 752-41441-6
Date Collected: 01/28/26 14:45
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-6
Lab Sample ID: 752-41441-6
Date Collected: 01/28/26 14:45
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113128	RC	EET ATL	02/10/26 16:00
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/02/26 22:06

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-6
Lab Sample ID: 752-41441-6

Date Collected: 01/28/26 14:45
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/03/26 01:49
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 02:01
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 02:01
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 22:28
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112397	TT	EET ATL	02/05/26 19:34
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:41
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:10
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 19:49

Client Sample ID: 821-SED-7
Lab Sample ID: 752-41441-7

Date Collected: 01/28/26 15:30
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738090	TMP	EET PEN	02/02/26 15:15

Client Sample ID: 821-SED-7
Lab Sample ID: 752-41441-7

Date Collected: 01/28/26 15:30
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		50	113498	Y1S	EET ATL 1	02/11/26 21:38
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		50	113125	CN	EET ATL 1	02/10/26 18:25
Total/NA	Prep	3546			737888	MH	EET PEN	01/30/26 13:02
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/02/26 22:36
Total/NA	Prep	3546			737891	MH	EET PEN	01/30/26 13:04
Total/NA	Analysis	8270E SIM ID		2	738078	VC1	EET PEN	02/03/26 02:10
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/03/26 02:12
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:00
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/03/26 02:12
Total/NA	Prep	3050B			111362	SA	EET ATL	02/02/26 10:10
Total/NA	Analysis	6020B		5	112222	TT	EET ATL	02/04/26 22:31
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:45

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41441-1
Project/Site: East Durham Park

Client Sample ID: 821-SED-7
Lab Sample ID: 752-41441-7
Date Collected: 01/28/26 15:30
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:13
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 20:02

Client Sample ID: 821-SED-Dup
Lab Sample ID: 752-41441-8
Date Collected: 01/28/26 13:15
Matrix: Solid
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	D 2216		1	111357	KK	EET ATL	02/02/26 07:36

Client Sample ID: 821-SED-Dup
Lab Sample ID: 752-41441-8
Date Collected: 01/28/26 13:15
Matrix: Solid
Date Received: 01/28/26 16:52
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112728	RC	EET ATL	02/08/26 11:40
Total/NA	Analysis	8260D		1	113128	RC	EET ATL	02/10/26 16:48
Total/NA	Prep	3546			738378	MH	EET PEN	02/05/26 11:50
Total/NA	Analysis	8270E		1	738421	JAW	EET PEN	02/05/26 19:53
Total/NA	Prep	3546			738379	MH	EET PEN	02/05/26 11:49
Total/NA	Analysis	8270E SIM ID		2	738626	VC1	EET PEN	02/06/26 14:37
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 16:16
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113601	JO	EET ATL	02/11/26 16:16
Total/NA	Prep	3050B			112177	TR	EET ATL	02/06/26 11:30
Total/NA	Analysis	6020B		5	112824	IF	EET ATL	02/07/26 06:46
Total/NA	Prep	3050B			112177	TR	EET ATL	02/06/26 11:30
Total/NA	Analysis	6020B		20	113274	IF	EET ATL	02/10/26 16:56
Total/NA	Prep	7471B			111644	KB	EET ATL	02/03/26 15:30
Total/NA	Analysis	7471B		1	112063	GR	EET ATL	02/04/26 16:48
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 16:05
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 00:32

Client Sample ID: Trip Blank
Lab Sample ID: 752-41441-9
Date Collected: 01/28/26 11:00
Matrix: Water
Date Received: 01/28/26 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	113513	Y1S	EET ATL 1	02/11/26 14:01
Total/NA	Analysis	8260D		1	113387	CN	EET ATL	02/11/26 13:56

Lab Chronicle

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

Job ID: 752-41441-1

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: 752-41441-1
Project/Site: East Durham Park

Laboratory: Eurofins Atlanta

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5030B	Solid	Ethyl acetate
8260D	5030B	Solid	Hexane
8260D	5030B	Solid	Isopropyl ether
8260D	5030B	Solid	n-Heptane
D 2216		Solid	Percent Moisture

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: 752-41441-1
Project/Site: East Durham Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
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
D 2216	Percent Moisture	ASTM	EET ATL
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
Project/Site: East Durham Park

Job ID: 752-41441-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41441-1	821-SED-1	Solid	01/28/26 11:00	01/28/26 16:52	North Carolina
752-41441-2	821-SED-2	Solid	01/28/26 11:45	01/28/26 16:52	North Carolina
752-41441-3	821-SED-3	Solid	01/28/26 12:30	01/28/26 16:52	North Carolina
752-41441-4	821-SED-4	Solid	01/28/26 13:15	01/28/26 16:52	North Carolina
752-41441-5	821-SED-5	Solid	01/28/26 14:00	01/28/26 16:52	North Carolina
752-41441-6	821-SED-6	Solid	01/28/26 14:45	01/28/26 16:52	North Carolina
752-41441-7	821-SED-7	Solid	01/28/26 15:30	01/28/26 16:52	North Carolina
752-41441-8	821-SED-Dup	Solid	01/28/26 13:15	01/28/26 16:52	North Carolina
752-41441-9	Trip Blank	Water	01/28/26 11:00	01/28/26 16:52	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Brandon Governo	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170210-59870.1
Client Contact: Jerry Paul	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BI			
Email: jpaul@smeinc.com	WO #:			
Project Name: East Durham Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

752-41441 COC

Initial Temperature: 4.8 °C
Correction Factor: -0.3°C
Corrected Temperature: 4.5 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_DS - 1,4-Dioxane	8260D - VOC NC 02L List	6020B_LL - PRLF 16 Metals; 7473 - Hg	9056A_ORGFM_28D - Sulfate, 9056A_ORGFM_48H - Nitrate	7199 - Hexavalent Chromium	8260D - VOC NC 02L List	Total	Special Instructions/Note:
			Preservation Code:				N	N	PL	N	N	N	A		
821-SED-1	1-28-26	1100	G	S	N	N	X	X	X	X	X	X	X	9	
821-SED-2		1145													
821-SED-3		1230													
821-SED-4		1315													
821-SED-5		1400													
821-SED-6		1445													
821-SED-7		1530													
821-SED-DUP		1315													
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:	Company	Received by:	Date/Time:	Company
[signature]	1-28-26 1645	S&ME	PG	1/28/26 16:52	
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: 752-7837 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 #: 752-41441-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/6/2026			
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 Durham Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050BPRLF 16 Metals, including prep	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	7471B/7471B_PrepMercury	8260D/5035FP_CalcVOC NC 02L List	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
821-SED-1 (752-41441-1)	1/28/26	11 00 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-2 (752-41441-2)	1/28/26	11 45 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-3 (752-41441-3)	1/28/26	12.30 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-4 (752-41441-4)	1/28/26	13 15 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-5 (752-41441-5)	1/28/26	14 00 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-6 (752-41441-6)	1/28/26	14 45 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-7 (752-41441-7)	1/28/26	15 30 Eastern	G	Solid			X	X	X	X	X		6	
821-SED-Dup (752-41441-8)	1/28/26	13 15 Eastern	G	Solid						X	X		6	
Trip Blank (752-41441-9)	1/28/26	11 00 Eastern	G	Water								X	2	

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

Possible Hazard Identification *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
	1/29/26 1545		1-30-26 1120	Dalton Gay	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.2 #2927

Ver 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41441-1

Login Number: 41441

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: 752-41441-1

Login Number: 41441
List Number: 3
Creator: Gay, Dalton

List Source: Eurofins Atlanta
List Creation: 01/30/26 06:54 PM

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

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41441-1

Login Number: 41441
List Number: 4
Creator: Carthon, Regina

List Source: Eurofins Atlanta
List Creation: 02/05/26 03:02 PM

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

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41441-1

Login Number: 41441
List Number: 2
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 01/30/26 11:10 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	0.8°C IR11
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV – Historical Laboratory Data Tables (Groundwater, Soil Gas, Surface Water and Sediment)

Landfill Gas Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630

Analytical Method	Analyte	CAS Number	Sample ID	LFGP-1				LFGP-2				LFGP-3				LFGP-4				LFGP-5				LFGP-6				LFGP-7				LFGP-8				LFGP-9			
			Date Collected	4/17/2025	11/13/2025	12/30/2025	1/23/2026	4/17/2025	11/13/2025	12/30/2025	1/23/2026	4/17/2025	11/14/2025	12/30/2025	1/23/2026	4/17/2025	11/13/2025	12/30/2025	1/23/2026	N/A	11/13/2025	12/30/2025	1/23/2026	N/A	11/14/2025	12/30/2025	1/23/2026	4/16/2025	11/14/2025	12/30/2025	1/23/2026	4/16/2025	11/14/2025	12/30/2025	1/23/2026	4/17/2025	11/13/2025	12/30/2025	1/23/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	1,2,4-Trimethylbenzene	95-63-6		ND	ND	ND	ND	**11 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Samples Lost	ND	ND	ND	Samples Lost	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	67-64-1		ND	**41**	**48**	**96**	ND	**22**	**11 J**	**8.3 J**	ND	**23**	**12 J**	**8.9 J**	ND	**27**	ND	**14 J**		ND	ND	**6.5 J**		ND	ND	**8.4 J**	ND	ND	**6.0 J**	**24 J**	ND	ND	**20**	**10 J**	ND	ND	**7.0 J**	**12 J**
	Benzene	71-43-2		**4.8**	ND	ND	ND	**7.2**	ND	ND	ND	ND	ND	ND	ND	**4.8**	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Butadiene	106-99-0		ND	ND	ND	ND	**6.8 J**	ND	ND	ND	ND	ND	ND	ND	**4.1 J**	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone (MEK)	78-93-3		ND	ND	ND	**11**	**12**	ND	ND	**4.2 J**	ND	ND	ND	**4.7 J**	**29**	ND	ND	**6.2 J**		ND	ND	**3.5 J**		ND	ND	**3.7 J**	**12**	ND	ND	**12 J**	**11 J**	ND	ND	ND	**13 J**	ND	ND	**6.1 J**
	Carbon Disulfide	75-15-0		ND	ND	ND	ND	**14**	ND	ND	ND	ND	ND	ND	ND	**150**	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**23**	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cyclohexane	110-82-7		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
	1,3-Dichlorobenzene	541-73-1		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
	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
	Ethanol	64-17-5		ND	**18**	**5.6 J**	**11 J**	ND	**49**	**5.1 J**	ND	ND	**15**	ND	ND	ND	**55**	ND	**17 J**		ND	ND	**8.8 J**		ND	ND	**5.6 J**	ND	**50**	ND	**8.9 J**	ND	ND	ND	**15 J**	ND	ND	ND	**8.7 J**
	Ethylbenzene	100-41-4		ND	ND	ND	**1.2 J**	ND	ND	ND	ND	ND	**34**	ND	ND	ND	ND	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	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
	Dichlorodifluoroemethane (Freon 12)	75-71-8		ND	ND	**2.1 J**	**2.2 J**	ND	ND	**2.2 J**	ND	ND	ND	**2.2 J**	**2.1 J**	ND	ND	ND	ND		ND	**2.0 J**	**1.8 J**		ND	**2.1 J**	**1.7 J**	ND	ND	**2.1 J**	**2.2 J**	ND	ND	**2.2 J**	**2.4 J**	ND	ND	**2.5 J**	**2.1 J**
	Heptane	142-82-5		**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND	ND	ND	**9.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexane	110-54-3		**37**	ND	ND	ND	**5.8 J**	ND	ND	ND	**8.3 J**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**24**	ND	ND	ND
	4-Methyl-2-pentanone (MIBK)	108-10-1		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
	Methylene Chloride	75-09-2		ND	ND	ND	ND	ND	ND	**1.9 J**	ND	**70**	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
	m,p-Xylene	108-38-3; 106-42-3		ND	ND	ND	**3.9 J**	ND	ND	ND	ND	ND	**160**	ND	ND	ND	ND	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	**1.5 J**	ND	ND	ND	ND	ND	**56**	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	91-20-3		ND	ND	ND	ND	**12**	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
	2-Propanol	67-63-0		ND	ND	ND	**7.4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	**4.8 J**	**2.5 J**		ND	**6.2 J**	**4.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Propylene	115-07-1		ND	ND	ND	ND	**74**	ND	ND	ND	**25**	ND	ND	ND	**34**	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	127-18-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	**2.4 J**	**2.8 J**		ND	ND	**3.7 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	108-88-3		ND	ND	ND	**11**	**7.3 J**	ND	ND	**5.0 J**	ND	ND	ND	**8.9**	**6.2 J**	ND	ND	**8.3**		ND	ND	**5.4 J**		ND	ND	**6.3**	ND	ND	ND	**13**	ND	ND	ND	**8.1**	ND	**17**	ND	**7.3**
	2,2,4-Trimethylpentane	540-84-1		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
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	ND	ND	ND	ND	ND	ND	ND	NS*	ND	ND	ND	NS*	ND	ND	ND	NS*	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
EPA Method Modified ASTM D-1946 (%)	Methane	74-82-8		ND	**0.00018**	**0.00017**	**0.00021**	ND	**0.00022**	**0.00016**	**0.00021**	ND	**0.00020**	**0.00019**	**0.00021**	ND	**0.0017**	**0.0013**	**0.0013**	Samples Lost	ND	ND	ND	Samples Lost	ND	**0.00018**	ND	ND	ND	ND	ND	ND	**0.042**	**0.024**	**0.0025**	ND	**0.00023**	**0.00017**	**0.00021**
NCDEQ Risk Calculator Values	**Cumulative Carcinogenic Risk**			4.0E-07	0.0E+00	0.0E+00	3.2E-08	7.1E-06	0.0E+00	5.60E-10	0.0E+00	2.1E-08	9.1E-07	0.0E+00	0.0E+00	1.7E-06	0.0E+00	Not Calculated	0.00E+00	Not Calculated	1.6E-08	6.7E-09	7.8E-09	Not Calculated	Not Calculated	0.0E+00	1.0E-08	0.0E+00	Not Calculated	0.0E+00	0.0E+00	0.0E+00	Not Calculated	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Non-Carcinogenic Hazard Quotient			7.60E-03	0.0E+00	6.0E-04	1.7E-03	2.3E-01	0.0E+00	7.2E-04	0.0E+00	3.90E-03	6.3E-02	6.3E-04	6.8E-04	7.0E-02	0.0E+00	Not Calculated	0.0E+00	Not Calculated	4.2E-03	4.1E-03	2.9E-03	Not Calculated	Not Calculated	1.5E-03	4.1E-03	7.7E-04	Not Calculated	6.0E-04	6.3E-04	6.3E-05	Not Calculated	6.3E-04	6.9E-04	2.0E-03	9.8E-05	7.2E-04	6.0E-04
	Cumulative Carcinogenic Risk			3.1E-08	0.0E+00	0.0E+00	2.4E-09	5.4E-07	0.0E+00	1.5E-11	0.0E+00	5.7E-10	6.9E-08	0.0E+00	0.0E+00	1.3E-07	0.0E+00	Not Calculated	0.0E+00	Not Calculated	1.2E-09	5.1E-10	5.9E-10	Not Calculated	Not Calculated	0.0E+00	7.8E-10	0.0E+00	Not Calculated	0.0E+00	0.0E+00	0.0E+00	Not Calculated	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Non-Carcinogenic Hazard Quotient			6.0E-04	0.0E+00	4.8E-05	2.7E-04	1.8E-02	0.0E+00	5.7E-05	4.2E-06	3.1E-04	5.0E-03	5.0E-05	5.4E-05	5.6E-03	0.0E+00	Not Calculated	6.6E-06	Not Calculated	3.3E-04	3.2E-04	2.3E-04	Not Calculated	Not Calculated	1.2E-04	3.2E-04	6.1E-05	Not Calculated	4.8E-05	6.2E-05	5.0E-06	Not Calculated	5.0E-05	5.8E-05	1.6E-04	7.8E-06	5.7E-05	5.4E-05

Notes:
µg/m³: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version).
Exceedes the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
NCDEQ Risk Calculator Values shown in red exceed risk.
ND: Not Detected
NS*: Not Sampled
J: Estimated value.

Surface Water Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630

Analytical Method		Method 8270E SIM (µg/L)	Method 8260D - VOCs (µg/L)			Method 6020B - Metals (µg/L)										Method 7470A - Mercury	Method 350.1 (µg/L)	Method 353.2 (µg/L)	Method SM Nitrate by Calc.	Method 9056A (µg/L)	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		123-91-1	67-64-1	75-27-4	67-66-3	7440-38-2	7440-39-3	7440-43-9	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-28-0	7440-62-2	7440-66-6	7439-97-6	7664-41-7	14797-65-0	14797-55-8	14808-79-8		
Analyte																						
Sample ID	Date Collected	1,4-Dioxane	Acetone	Bromodichloromethane	Chloroform	Arsenic	Barium	Cadmium	Cobalt	Copper	Lead	Manganese	Nickel	Thallium	Vanadium	Zinc	Mercury	Ammonia as (N)	Nitrite as (N)	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
SW-1	3/19/2025	ND	ND	ND	ND	ND	84.3	0.291 J	0.789 J	6.25	1.37	274	3.01 J	ND	ND	23.3	ND	64.5	ND	89.6 J	19,300	0.0E+00	3.5E-02
	10/16/2025	ND	ND	ND	ND	ND	44.0	ND	0.600 J	4.07	1.16	105	2.54 J	ND	1.30 J	18.3	ND	ND	ND	89 J	29,000	1.3E-06	8.1E-02
	12/10/2025	ND	4.30 J	ND	0.480 J	ND	38.3	ND	ND	2.09	ND	59.4	1.66 J	ND	ND	11.1	ND	21 J	ND	ND	31,900 F1	1.6E-08	2.5E-02
	1/28/2026	ND	ND	ND	ND	ND	84.9	ND	ND	2.10	5.97	91.6	1.28 J	ND	ND	20.9	0.411	ND	ND	291	24,900	0.0E+00	4.0E-02
SW-2	3/19/2025	0.308	ND	ND	ND	ND	81.1	0.301 J	0.861 J	5.50	1.08	305	3.13 J	ND	ND	21.1	ND	67.3	ND	128	18,400	1.7E-08	3.7E-02
	10/16/2025	ND	ND	ND	ND	1.84 J	52.5	ND	0.606 J	4.65	1.52	86.0	2.42 J	ND	1.63 J	29.7	ND	ND	ND	32.8	26,100	1.6E-06	7.4E-02
	12/10/2025	ND	ND	ND	0.506 J	ND	38.4	ND	ND	2.36	ND	41.4	1.76 J	ND	ND	13.5	ND	401	19.7	ND	31,900	1.7E-08	1.9E-02
	1/28/2026	ND	ND	ND	ND	ND	57.6	ND	0.707 J	7.17	ND	131	2.92 J	ND	1.47 J	41.1	ND	ND	ND	905	25,700	0.0E+00	6.9E-02
SW-3	3/19/2025	ND	ND	ND	ND	ND	80.2	ND	0.635 J	5.56	0.924 J	277	2.73 J	ND	ND	20.3	ND	49.9 J	ND	142	18,300	0.0E+00	2.1E-02
	10/16/2025	ND	ND	ND	ND	1.48 J	56.5	ND	0.580 J	4.23	1.46	150.0	2.50 J	ND	1.40 J	18.3	ND	63.0	ND	ND	22,100	1.3E-06	9.2E-02
	12/10/2025	ND	5.73 J	0.988 J	3.53	ND	40.9	ND	0.550 J	4.01	2.94	41.8	1.57 J	0.606 J B	3.56 J	49.9	ND	246	66.5 J	ND	30,900	1.7E-07	2.9E-01
	1/28/2026	ND	ND	ND	ND	ND	53.2	ND	ND	2.35	ND	97.8	0.806 J	ND	ND	14.3	ND	ND	ND	166	21,400	0.0E+00	4.0E-02
SW-4	3/19/2025	ND	ND	ND	ND	ND	78.3	0.300 J	0.614 J	5.00	ND	253.0	2.56 J	ND	ND	18.3	ND	46.8 J	ND	131	18,800	0.0E+00	3.2E-02
	10/16/2025	ND	ND	ND	ND	1.48 J	62.6	ND	0.792 J	2.89	1.92	333	2.01 J	ND	1.51 J	12.8	ND	ND	ND	ND	16,900	1.3E-06	1.7E-01
	12/10/2025	ND	4.33 J	0.841 J	2.84	ND	39.3	ND	ND	3.83	2.89	37.5	1.42 J	ND	3.21 J	45.3	ND	218	57.2 J	ND	29,000	0.0E+00	2.4E-02
	1/28/2026	ND	ND	ND	ND	ND	55	ND	ND	2.55	ND	123	1.04 J	ND	ND	14.2	0.171 J B	ND	ND	133	33,800	1.4E-07	2.9E-02
SW-5	3/19/2025	ND	ND	ND	ND	ND	78.6	0.303 J	0.640 J	7.97	1.07	225	2.46 J	ND	ND	21.0	ND	50.1	ND	104	17,900	0.0E+00	3.2E-02
	10/16/2025	ND	ND	ND	ND	1.58 J	66.6	ND	0.590 J	4.69	3.05	181	1.80 J	ND	1.33 J	17.6	ND	95.0	ND	ND	17,700	1.4E-06	1.1E-01
	12/10/2025	ND	4.35 J	0.704 J	2.41	ND	34.7	ND	ND	4.06	2.79	38.3	1.66 J	ND	2.73 J	37.7	ND	189	48.4 J	ND	28,200	1.2E-07	2.8E-02
	1/28/2026	ND	ND	ND	ND	ND	46.6	ND	ND	2.18	ND	50.8	0.682 J	0.766 J B	ND	13.9	ND	ND	ND	141	23,900	0.0E+00	3.4E-01
SW-6	3/19/2025	0.307	ND	ND	ND	ND	83.8	ND	0.660 J	6.16	1.47	264	3.05 J	ND	ND	23.8	ND	42.6 J	ND	101	18,300	1.7E-08	2.1E-02
	10/16/2025	ND	ND	ND	ND	2.43 J	56.7	ND	0.828 J	3.90	1.91	328	1.69 J	ND	1.29 J	14.5	ND	ND	ND	183	13,500	2.1E-06	1.8E-01
	12/10/2025	ND	ND	0.557 J	1.71	ND	32.5	ND	ND	3.41	2.63	21.3	1.02 J	0.463 J B	2.30 J	24.0	ND	152	37.4 J	ND	25,400	8.8E-08	2.1E-01
	1/28/2026	ND	ND	ND	ND	ND	49.1	ND	ND	3.02	1.00	47.4	0.638 J	ND	ND	15.6	ND	ND	ND	155	19,900	0.0E+00	2.1E-02
SW-7	3/19/2025	0.305	ND	ND	ND	ND	81.7	ND	0.566 J	5.81	1.07	234	2.53 J	ND	ND	21.7	ND	52.1	ND	106	18,000	1.7E-08	3.2E-02
	10/16/2025	ND	ND	ND	ND	1.74 J	59.4	ND	0.952 J	9.19	6.69	303	3.70 J	ND	1.95 J	30.3	ND	65.0	ND	72 J	16,900	1.5E-06	1.6E-01
	12/10/2025	ND	ND	0.476 J	1.64	ND	34.1	ND	ND	3.63	2.79	19.2	1.02 J	ND	2.58 J	23.7	ND	137	37.2 J	ND	24,600	8.1E-08	1.8E-02
	1/28/2026	ND	ND	ND	ND	ND	50.6	ND	ND	2.96	ND	39.0	1.38 J	ND	ND	14.4	ND	ND	ND	121	18,500	0.0E+00	1.8E-02
15A NCAC 2B Surface Water Standards		NE	NE	NE	NE	10,000	1,000	0.25	NE	2.7	0.54	NE	16	NE	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.
ND: Not Detected
J: Estimated value less than the reporting limit but greater than the method detection limit.
B: Compound was found in blank and sample.
NE: Standard Not Established

Groundwater Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCD0000821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 23050630

Analytical Method		Method 8260D- VOCs (µg/L)					Method 8270E - SVOCs (µg/L)			Method 6020B - Metals (µg/L)															Method 7471B (µg/L)	Method SM Nitrate by Calc.	Method 353.2 (µg/L)	Method SM 4500 SO4 E
CAS Number		71-43-2	75-15-0	74-87-3	106-46-7	141-78-6	105-60-2	86-74-8	123-91-1	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	14797-55-8	14797-65-0	14808-79-8
Analyte		Benzene	Carbon Disulfide	Chloromethane	1,4-Dichlorobenzene	Ethyl Acetate	Caprolactam	Carbazole	1,4-Dioxane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Nitrate as (N)	Nitrite as (N)	Sulfate
Sample ID	Date Collected																												
MW-1	5/6/2025	ND	ND	0.624 J	ND	ND	ND	ND	ND	ND	1.43 J	255	ND	ND	ND	3.27	2.09 J	0.41 J	723	4.23 J	1.25 J	ND	ND	4.48 J	ND	ND	64.4 J	ND	58,600
	10/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	146	ND	ND	ND	0.611 J ^+ *+	ND	ND	172	0.682 J	ND	ND	ND	8.61 B	ND	ND	360	ND	39,200 F1
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	4.25 J	4.45 J	139	ND	ND	ND	3.97 J	ND	ND	83.7	4.45 J	ND	0.333 J	ND	12.8	ND	ND	144	ND	65,700
	2/3/2026	ND	ND	ND	ND	ND	7.44 J	ND	ND	ND	ND	154	ND	ND	ND	ND	ND	ND	82.7	1.45 J	ND	ND	ND	8.76	ND	ND	318	ND	61,000
MW-2	5/6/2025	ND	ND	0.951 J	ND	ND	ND	ND	ND	ND	ND	575	ND	0.1 J	ND	1.39 J ^+ *+	ND	ND	53.4	0.97 J	ND	ND	ND	0.955 J	3.46 J	ND	ND	ND	17,300
	10/15/2025	ND	ND	ND	ND	ND	40.8	1.38 J	ND	ND	1.18 J	548	ND	ND	ND	1.39 J ^+ *+	ND	ND	261	1.64 J	ND	ND	ND	1.74 J B ^+	23.7	ND	ND	ND	13,300
	12/4/2025	ND	ND	ND	ND	ND	7.71 J	2.51 J	ND	ND	3.32 J	508	0.635 J	0.344 J	ND	2.69 J	1.01 J	1.83	232	3.12 J	ND	0.179 J	0.411 J B	2.50 J	ND	ND	ND	ND	15,700
	2/3/2026	ND	ND	ND	0.328 J	ND	ND	ND	ND	ND	1.63 J	598	ND	ND	ND	ND	ND	ND	64.6	1.29 J	ND	ND	ND	ND	ND	ND	ND	306	13,100
MW-3	5/6/2025	0.51 J	ND	0.828	ND	ND	ND	ND	ND	ND	8.15	433	ND	ND	ND	0.89	ND	ND	151	2.92 J	1 J	ND	ND	1.78 J	5.91 J	ND	ND	ND	22,200
	10/15/2025	ND	0.568 J	ND	ND	ND	ND	ND	ND	ND	16.2	386	ND	ND	ND	1.13 J ^+ *+	0.810 J	ND	310	2.67 J	ND	ND	ND	2.38 J B ^+	787	ND	ND	ND	13,700
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.83	466	ND	ND	ND	0.610 J	1.24 J	ND	231	2.03 J	ND	ND	ND	ND	331	ND	15 J	ND	9,150
	2/3/2026	ND	ND	ND	ND	ND	7.06 J	ND	ND	ND	3.70 J	403	ND	ND	ND	ND	ND	ND	359	0.709 J	ND	ND	ND	ND	10.8	ND	21 J	ND	6,740
MW-4	5/6/2025	0.549 J	ND	1.07	ND	ND	ND	ND	ND	ND	1.66 J	286	1.48	ND	ND	4.94	4.79 J	2.61	656	7.82	1.41 J	ND	ND	11.2	13.3 J	ND	ND	ND	11,900
	10/15/2025	ND	0.554 J	ND	ND	ND	4.83 J	ND	ND	ND	2.38 J	440	0.213 J	ND	ND	2.00 J ^+ *+	1.78 J	ND	606	4.54 J	ND	ND	ND	3.40 J B ^+	ND	ND	123	ND	4,300 J
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.34 J	404	ND	ND	ND	ND	ND	ND	166	1.01 J	ND	ND	ND	ND	ND	ND	68 J	ND	4,690 J
	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.29 J	551	ND	ND	ND	ND	ND	ND	181	0.437 J	ND	ND	ND	ND	38.5	ND	38 J	ND	2,680 J
MW-5	5/6/2025	0.55 J	ND	0.826 J	ND	ND	ND	ND	ND	ND	1.17 J	135	ND	ND	3 J	0.38 J	ND	ND	57.1	1.14 J	ND	ND	ND	15.4	3.29 J	0.0826 J	1,120	ND	16,700
	10/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	129	ND	ND	ND	1.02 J ^+ *+	0.756 J	ND	173	0.691 J	ND	ND	ND	16.2 B	12.9	ND	1520	ND	18,500
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	102	ND	ND	ND	ND	ND	ND	6.86	ND	ND	ND	0.490 J B	13.5	ND	ND	1460	ND	21,900
	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	122	ND	ND	ND	ND	ND	ND	5.7	16.1	ND	ND	ND	13.5	ND	ND	1420	ND	18,200
MW-6	5/6/2025	ND	ND	0.504 J	ND	ND	ND	ND	ND	ND	ND	37.4	ND	ND	3.48 J	0.895	3.34 J	ND	40.8	2.32 J	ND	ND	ND	19	<2.8	ND	1,120	ND	17,000
	10/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.1	ND	ND	5.95	1.24 J ^+ *+	ND	ND	33.7	1.86 J	ND	ND	ND	22.8 B	ND	ND	1750	ND	14,900
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.4	ND	ND	10.6	1.93 J	11.8	ND	51.7	3.90 J	ND	ND	ND	27	ND	ND	1590	ND	23,000
	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	10.1	1.23 J	6.91	ND	38.2	3.2 J	ND	ND	ND	25.4	ND	ND	1680	ND	14,600
MW-7	5/6/2025	0.691 J	ND	0.817 J	ND	ND	ND	ND	ND	ND	1.39 J	379	ND	ND	ND	0.36 J	ND	ND	126	1.55 J	ND	ND	ND	2.42 J	3.2 J	ND	ND	ND	35,300
	10/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	353	ND	ND	ND	0.453 J ^+ *+	3.79	ND	118	0.875 J	ND	ND	ND	3.87 J B ^+	ND	ND	ND	ND	33,700
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	332	ND	ND	ND	0.492 J	2.09	ND	123	1.33 J	ND	ND	ND	4.45 J	ND	ND	48 J	ND	38,300
	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	357	ND	ND	ND	ND	ND	ND	107	0.93 J	ND	ND	ND	2.37 J	ND	ND	26 J	ND	36,300
MW-8	5/6/2025	0.668 J	ND	2.25	ND	ND	ND	ND	0.692	ND	ND	104	ND	ND	ND	0.34 J	1.36 J	0.5 J	65.6	1.97 J	<0.99	ND	ND	4.95 J	6.09 J	ND	ND	ND	74,900
	10/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	106	ND	ND	ND	1.03 J ^+ *+	ND	ND	419	6.54	ND	ND	ND	5.22 B	ND	ND	ND	ND	12,100
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	141	ND	ND	ND	1.36 J	1.21 J	ND	1090	10.5	ND	ND	ND	7.74	104	ND	41 J	ND	78,900
	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	122	ND	ND	ND	ND	2.33	ND	293	6.56	ND	ND	ND	5.05	14.9	ND	ND	ND	36,800
MW-9	5/6/2025	0.509 J	ND	1.72	ND	6.79 J	ND	ND	ND	ND	6.14	282	0.385 J	ND	ND	2.52	1.66 J	0.485 J	836	6.47	1.67 J	ND	ND	15.8	6.04 J	ND	ND	ND	22,000
	10/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.49	397	ND	ND	ND	0.982 J ^+ *+	ND	ND	127	0.757 J	ND	ND	ND	27.3 B	ND	ND	ND	ND	10,700
	12/4/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.02	350	ND	ND	ND	0.468 J	ND	ND	169	1.44 J	ND	ND	ND	18.8	ND	ND	40 J	ND	13,400
	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.2	410	ND	ND	ND	ND	ND	ND	169	0.873	ND	ND	ND	25.7	ND	0.277	190	ND	13,100
15A NCAC 2L Groundwater Standards & IMACs		1	4,000	3	20	3,000	4,000	NE	3	1	10	700	4	2	10	1	1,000	15	50	100	20	20	NE	7	1,000	1	10,000	1,000	250,000

Notes:
µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
ND: Not Detected
NA: Not Analyzed.
J: Estimated value less than the reporting limit but greater than the method detection limit.
H: Sample was prepped or analyzed beyond the specified holding time.
B: Compound was found in blank and sample.
F1: MS and/or MSD recovery exceeds control limits.
*+: Laboratory Control Sample (LCS) and/or LCS Duplicate (LCSD) is outside acceptance limits, high biased.
^+: Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

Sediment Sample Analytical Results Summary
City of Durham Parks - East Durham Park (NONCDD0005821)
2500 East Main Street, Durham, Durham County, North Carolina
S&ME Project No. 2305063O

| Analytical Method | | Method 8260 - VOCs (mg/Kg) | | | | | | | Method 8270E - SVOCs (mg/Kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Method 8270E SIM | Method 6020B - Metals (mg/Kg) | | | | | | | | | | | | | | | | Method 7471B | Method 7199 | Method 350.1 | Method 9056A | NCDEQ Risk Calculator | | | | | | |
|---|---|---

Appendix V – NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-1 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
96		67-64-1	Acetone			ug/m^3	LFGP-1									
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1									
1.2	J	100-41-4	Ethylbenzene			ug/m^3	LFGP-1									
7.4		67-63-0	Isopropanol			ug/m^3	LFGP-1									
11		78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-1									
11		108-88-3	Toluene			ug/m^3	LFGP-1									
1.95	J	108-38-3	Xylene, m-			ug/m^3	LFGP-1									
1.5	J	95-47-6	Xylene, o-			ug/m^3	LFGP-1									
1.95	J	106-42-3	Xylene, p-			ug/m^3	LFGP-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	3.2E-08	1.7E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.4E-09	2.7E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	96	2.88	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
100-41-4	Ethylbenzene	1.2	0.036	1.1E+00	2.1E+02	3.2E-08	3.5E-05
67-63-0	Isopropanol	7.4	0.222	-	4.2E+01		1.1E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	11	0.33	-	1.0E+03		6.3E-05
108-88-3	Toluene	11	0.33	-	1.0E+03		6.3E-05
108-38-3	Xylene, m-	1.95	0.0585	-	2.1E+01		5.6E-04
95-47-6	Xylene, o-	1.5	0.045	-	2.1E+01		4.3E-04
106-42-3	Xylene, p-	1.95	0.0585	-	2.1E+01		5.6E-04
					Cumulative:	3.2E-08	3.4E-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: NONCD0000821

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	96	0.96	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
100-41-4	Ethylbenzene	1.2	0.012	4.9E+00	8.8E+02	2.4E-09	2.7E-06
67-63-0	Isopropanol	7.4	0.074	-	1.8E+02		8.4E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	11	0.11	-	4.4E+03		5.0E-06
108-88-3	Toluene	11	0.11	-	4.4E+03		5.0E-06
108-38-3	Xylene, m-	1.95	0.0195	-	8.8E+01		4.5E-05
95-47-6	Xylene, o-	1.5	0.015	-	8.8E+01		3.4E-05
106-42-3	Xylene, p-	1.95	0.0195	-	8.8E+01		4.5E-05
					Cumulative:	2.4E-09	2.7E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-2 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
8.3	J	67-64-1	Acetone			ug/m^3	LFGP-2									
4.2	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-2									
5	J	108-88-3	Toluene			ug/m^3	LFGP-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	4.2E-06	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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: NONCD0000821

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	8.3	0.249	-	-		
78-93-3	Methyl Ethyl Ketone (2-Butanone)	4.2	0.126	-	1.0E+03		2.4E-05
108-88-3	Toluene	5	0.15	-	1.0E+03		2.9E-05
					Cumulative:	0.0E+00	5.3E-05

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	8.3	0.083	-	-		
78-93-3	Methyl Ethyl Ketone (2-Butanone)	4.2	0.042	-	4.4E+03		1.9E-06
108-88-3	Toluene	5	0.05	-	4.4E+03		2.3E-06
					Cumulative:	0.0E+00	4.2E-06

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-3 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
8.9	J	67-64-1	Acetone			ug/m^3	LFGP-3									
2.1	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-3									
4.7	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-3									
8.9		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: NONCD0000821

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	6.8E-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	5.4E-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: NONCD0000821

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	8.9	0.267	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	4.7	0.141	-	1.0E+03		2.7E-05
108-88-3	Toluene	8.9	0.267	-	1.0E+03		5.1E-05
					Cumulative:	0.0E+00	6.8E-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: NONCD0000821

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	8.9	0.089	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	4.7	0.047	-	4.4E+03		2.1E-06
108-88-3	Toluene	8.9	0.089	-	4.4E+03		4.1E-06
					Cumulative:	0.0E+00	5.4E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-4 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
14	J	67-64-1	Acetone			ug/m^3	LFGP-4									
6.2	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-4									
8.3		108-88-3	Toluene			ug/m^3	LFGP-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.6E-06	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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: NONCD0000821

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	14	0.42	-	-		
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.2	0.186	-	1.0E+03		3.6E-05
108-88-3	Toluene	8.3	0.249	-	1.0E+03		4.8E-05
					Cumulative:	0.0E+00	8.3E-05

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	14	0.14	-	-		
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.2	0.062	-	4.4E+03		2.8E-06
108-88-3	Toluene	8.3	0.083	-	4.4E+03		3.8E-06
					Cumulative:	0.0E+00	6.6E-06

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
6.5	J	67-64-1	Acetone			ug/m^3	LFGP-5									
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-5									
2.5	J	67-63-0	Isopropanol			ug/m^3	LFGP-5									
3.5	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-5									
2.8	J	127-18-4	Tetrachloroethylene			ug/m^3	LFGP-5									
5.4	J	108-88-3	Toluene			ug/m^3	LFGP-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	7.8E-09	2.9E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	5.9E-10	2.3E-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: NONCD0000821

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	6.5	0.195	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
67-63-0	Isopropanol	2.5	0.075	-	4.2E+01		3.6E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	3.5	0.105	-	1.0E+03		2.0E-05
127-18-4	Tetrachloroethylene	2.8	0.084	1.1E+01	8.3E+00	7.8E-09	2.0E-03
108-88-3	Toluene	5.4	0.162	-	1.0E+03		3.1E-05
					Cumulative:	7.8E-09	2.9E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	6.5	0.065	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
67-63-0	Isopropanol	2.5	0.025	-	1.8E+02		2.9E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	3.5	0.035	-	4.4E+03		1.6E-06
127-18-4	Tetrachloroethylene	2.8	0.028	4.7E+01	3.5E+01	5.9E-10	1.6E-04
108-88-3	Toluene	5.4	0.054	-	4.4E+03		2.5E-06
					Cumulative:	5.9E-10	2.3E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-6 Risk Assessment
Submittal Date:	3/19/2026
Prepared By:	Rachel Moore
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-6 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was collected here. The highest concentration between the two was input into the calculator.

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	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	821-LFGP-DUP									
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	821-LFGP-DUP									
5.7	J	67-63-0	Isopropanol			ug/m^3	821-LFGP-DUP									
6.3	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	821-LFGP-DUP									
3.7	J	127-18-4	Tetrachloroethylene			ug/m^3	LFGP-6									
7.4		108-88-3	Toluene			ug/m^3	821-LFGP-DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	1.0E-08	4.1E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	7.8E-10	3.2E-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 - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	14	0.14	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
67-63-0	Isopropanol	5.7	0.057	-	1.8E+02		6.5E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.3	0.063	-	4.4E+03		2.9E-06
127-18-4	Tetrachloroethylene	3.7	0.037	4.7E+01	3.5E+01	7.8E-10	2.1E-04
108-88-3	Toluene	7.4	0.074	-	4.4E+03		3.4E-06
					Cumulative:	7.8E-10	3.2E-04

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: NONCD0000821

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	14	0.42	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
67-63-0	Isopropanol	5.7	0.171	-	4.2E+01		8.2E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.3	0.189	-	1.0E+03		3.6E-05
127-18-4	Tetrachloroethylene	3.7	0.111	1.1E+01	8.3E+00	1.0E-08	2.7E-03
108-88-3	Toluene	7.4	0.222	-	1.0E+03		4.3E-05
					Cumulative:	1.0E-08	4.1E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-7 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
24	J	67-64-1	Acetone			ug/m^3	LFGP-7									
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-7									
12	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-7									
13		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: NONCD0000821

Exposure Unit ID: LFGP-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.3E-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	6.2E-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: NONCD0000821

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	24	0.72	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12	0.36	-	1.0E+03		6.9E-05
108-88-3	Toluene	13	0.39	-	1.0E+03		7.5E-05
					Cumulative:	0.0E+00	7.8E-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: NONCD0000821

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	24	0.24	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12	0.12	-	4.4E+03		5.5E-06
108-88-3	Toluene	13	0.13	-	4.4E+03		5.9E-06
					Cumulative:	0.0E+00	6.2E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-8 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
10	J	67-64-1	Acetone			ug/m^3	LFGP-8									
2.4	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-8									
8.1		108-88-3	Toluene			ug/m^3	LFGP-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: LFGP-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.9E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	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: NONCD0000821

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	10	0.3	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.072	-	2.1E+01		6.9E-04
108-88-3	Toluene	8.1	0.243	-	1.0E+03		4.7E-05
					Cumulative:	0.0E+00	7.4E-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: NONCD0000821

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	10	0.1	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.024	-	8.8E+01		5.5E-05
108-88-3	Toluene	8.1	0.081	-	4.4E+03		3.7E-06
					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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	LFGP-9 Risk Assessment
Submittal Date:	3/13/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
12	J	67-64-1	Acetone			ug/m^3	LFGP-9									
2.1	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-9									
6.1	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-9									
7.3		108-88-3	Toluene			ug/m^3	LFGP-9									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	6.0E-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	5.4E-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: NONCD0000821

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	12	0.36	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.1	0.183	-	1.0E+03		3.5E-05
108-88-3	Toluene	7.3	0.219	-	1.0E+03		4.2E-05
					Cumulative:	0.0E+00	6.8E-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: NONCD0000821

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	12	0.12	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.1	0.061	-	4.4E+03		2.8E-06
108-88-3	Toluene	7.3	0.073	-	4.4E+03		3.3E-06
					Cumulative:	0.0E+00	5.4E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
84.9		7440-39-3	Barium			ug/L	SW-1									
2.1		7440-50-8	Copper			ug/L	SW-1									
91.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.28	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
291	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
20.9		7440-66-6	Zinc and Compounds			ug/L	SW-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	4.0E-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?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-1 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	84.9	84.9				1.7E-03	1.3E-03	2.9E-03
7440-50-8	Copper	2.1	2.1				2.1E-04	1.1E-05	2.2E-04
7439-96-5	Manganese (Non-diet)	91.6	91.6				1.5E-02	2.0E-02	3.5E-02
7440-02-0	Nickel Soluble Salts	1.28	1.28				2.5E-04	6.7E-05	3.2E-04
14797-55-8	Nitrate (measured as nitrogen)	291	291				7.2E-04	3.8E-05	7.6E-04
7440-66-6	Zinc and Compounds	20.9	20.9				2.7E-04	8.7E-06	2.8E-04
					Cumulative:	0.0E+00			4.0E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-2 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
57.6		7440-39-3	Barium			ug/L	SW-2									
0.707	J	7440-48-4	Cobalt			ug/L	SW-2									
7.17		7440-50-8	Copper			ug/L	SW-2									
5.97		7439-92-1	~Lead and Compounds			ug/L	SW-2									
131		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
2.92	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
905	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
1.47	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
41.1		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: NONCD0000821

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	6.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-2 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	57.6	57.6				1.1E-03	8.6E-04	2.0E-03
7440-48-4	Cobalt	0.707	0.707				9.3E-03	2.0E-04	9.5E-03
7440-50-8	Copper	7.17	7.17				7.1E-04	3.8E-05	7.4E-04
7439-92-1	~Lead and Compounds	5.97	5.97						
7439-96-5	Manganese (Non-diet)	131	131				2.2E-02	2.9E-02	5.0E-02
7440-02-0	Nickel Soluble Salts	2.92	2.92				5.8E-04	1.5E-04	7.3E-04
14797-55-8	Nitrate (measured as nitrogen)	905	905				2.2E-03	1.2E-04	2.3E-03
7440-62-2	Vanadium and Compounds	1.47	1.47				1.2E-03	2.3E-03	3.5E-03
7440-66-6	Zinc and Compounds	41.1	41.1				5.4E-04	1.7E-05	5.6E-04
					Cumulative:	0.0E+00			6.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-3 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
53.2		7440-39-3	Barium			ug/L	SW-3									
2.35		7440-50-8	Copper			ug/L	SW-3									
97.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
0.806	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
166	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
14.3		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: NONCD0000821

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	4.0E-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?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-3 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	53.2	53.2				1.0E-03	8.0E-04	1.8E-03
7440-50-8	Copper	2.35	2.35				2.3E-04	1.2E-05	2.4E-04
7439-96-5	Manganese (Non-diet)	97.8	97.8				1.6E-02	2.1E-02	3.7E-02
7440-02-0	Nickel Soluble Salts	0.806	0.806				1.6E-04	4.2E-05	2.0E-04
14797-55-8	Nitrate (measured as nitrogen)	166	166				4.1E-04	2.2E-05	4.3E-04
7440-66-6	Zinc and Compounds	14.3	14.3				1.9E-04	6.0E-06	1.9E-04
					Cumulative:	0.0E+00			4.0E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-4 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-4 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was collected at this location. The higher concentration between the two was put into the calculator.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
56.1		7440-39-3	Barium			ug/L	SW-DUP									
2.55		7440-50-8	Copper			ug/L	SW-4									
123		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
0.171	B	7439-97-6	~Mercury (elemental)			ug/L	SW-4									
1.04	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
1,650	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-DUP									
14.5		7440-66-6	Zinc and Compounds			ug/L	SW-DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	5.4E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
7440-39-3	Barium	56.1	56.1				1.1E-03	8.4E-04	1.9E-03
7440-50-8	Copper	2.55	2.55				2.5E-04	1.3E-05	2.6E-04
7439-96-5	Manganese (Non-diet)	123	123				2.0E-02	2.7E-02	4.7E-02
7439-97-6	~Mercury (elemental)	0.171	0.171						
7440-02-0	Nickel Soluble Salts	1.04	1.04				2.1E-04	5.4E-05	2.6E-04
14797-55-8	Nitrate (measured as nitrogen)	1650	1650				4.1E-03	2.2E-04	4.3E-03
7440-66-6	Zinc and Compounds	14.5	14.5				1.9E-04	6.1E-06	2.0E-04
					Cumulative:	0.0E+00			5.4E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-5 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
46.6		7440-39-3	Barium			ug/L	SW-5									
2.18		7440-50-8	Copper			ug/L	SW-5									
50.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
0.682	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
141	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-5									
0.766	J, B	7440-28-0	Thallium (Soluble Salts)			ug/L	SW-5									
13.9		7440-66-6	Zinc and Compounds			ug/L	SW-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	3.4E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
7440-39-3	Barium	46.6	46.6				9.2E-04	7.0E-04	1.6E-03
7440-50-8	Copper	2.18	2.18				2.2E-04	1.1E-05	2.3E-04
7439-96-5	Manganese (Non-diet)	50.8	50.8				8.4E-03	1.1E-02	1.9E-02
7440-02-0	Nickel Soluble Salts	0.682	0.682				1.3E-04	3.6E-05	1.7E-04
14797-55-8	Nitrate (measured as nitrogen)	141	141				3.5E-04	1.8E-05	3.7E-04
7440-28-0	Thallium (Soluble Salts)	0.766	0.766				**3.0E-01**	1.6E-02	**3.2E-01**
7440-66-6	Zinc and Compounds	13.9	13.9				1.8E-04	5.8E-06	1.9E-04
					Cumulative:	0.0E+00			3.4E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-6 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-6 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
49.1		7440-39-3	Barium			ug/L	SW-6									
3.02		7440-50-8	Copper			ug/L	SW-6									
1		7439-92-1	~Lead and Compounds			ug/L	SW-6									
47.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
0.638	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
155	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-6									
15.6		7440-66-6	Zinc and Compounds			ug/L	SW-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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*	0.0E+00	2.1E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	49.1	49.1				9.7E-04	7.3E-04	1.7E-03
7440-50-8	Copper	3.02	3.02				3.0E-04	1.6E-05	3.1E-04
7439-92-1	~Lead and Compounds	1	1						
7439-96-5	Manganese (Non-diet)	47.4	47.4				7.8E-03	1.0E-02	1.8E-02
7440-02-0	Nickel Soluble Salts	0.638	0.638				1.3E-04	3.3E-05	1.6E-04
14797-55-8	Nitrate (measured as nitrogen)	155	155				3.8E-04	2.0E-05	4.0E-04
7440-66-6	Zinc and Compounds	15.6	15.6				2.1E-04	6.5E-06	2.1E-04
					Cumulative:	0.0E+00			2.1E-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 Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SW-7 Risk Assessment
Submittal Date:	3/16/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
50.6		7440-39-3	Barium			ug/L	SW-7									
2.96		7440-50-8	Copper			ug/L	SW-7									
39		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.38	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
121	B	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-7									
14.4		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: NONCD0000821

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*	0.0E+00	1.8E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-7 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	50.6	50.6				1.0E-03	7.6E-04	1.8E-03
7440-50-8	Copper	2.96	2.96				2.9E-04	1.5E-05	3.1E-04
7439-96-5	Manganese (Non-diet)	39	39				6.4E-03	8.5E-03	1.5E-02
7440-02-0	Nickel Soluble Salts	1.38	1.38				2.7E-04	7.2E-05	3.4E-04
14797-55-8	Nitrate (measured as nitrogen)	121	121				3.0E-04	1.6E-05	3.1E-04
7440-66-6	Zinc and Compounds	14.4	14.4				1.9E-04	6.0E-06	2.0E-04
					Cumulative:	0.0E+00			1.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	3/26/2026
Prepared By:	Rachel Moore
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-1 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.335	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
10.2	B	7440-39-3	Barium			mg/kg	SED-1									
0.0601	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.075	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
3.81		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
2.66		7440-48-4	Cobalt			mg/kg	SED-1									
9.08	B	7440-50-8	Copper			mg/kg	SED-1									
0.148	J	51-28-5	Dinitrophenol, 2,4-			mg/kg	SED-1									
0.00377		123-91-1	Dioxane, 1,4-			mg/kg	SED-1									
8.7		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
61.8		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
9.36		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
0.979	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.335	J, F1, B	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-1									
0.105	J F1	85-68-7	~Butyl Benzyl Phthalate			mg/kg	SED-1									
0.0568	J, F1	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.0457	J, F1	218-01-9	~Chrysene			mg/kg	SED-1									
0.0817	J, F1	206-44-0	~Fluoranthene			mg/kg	SED-1									
0.0703	J, F1	129-00-0	~Pyrene			mg/kg	SED-1									
0.18	J	7782-49-2	Selenium			mg/kg	SED-1									
0.0159	J	7440-22-4	Silver			mg/kg	SED-1									
8.99		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
34.9		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: NONCD0000821

Exposure Unit ID: SED-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.5E-07	2.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.2E-07	1.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.4E-07	8.7E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.335	0.335	0.335	4.3E-07	6.1E-08	8.6E-12	4.9E-07	8.6E-03	1.0E-03	3.6E-07	9.6E-03
7440-39-3	Barium	10.2	10.2	10.2					6.5E-04		3.3E-07	6.5E-04
7440-41-7	Beryllium and compounds	0.0601	0.0601	0.0601			8.7E-13	8.7E-13	3.8E-04		4.9E-08	3.8E-04
7440-43-9	Cadmium (Diet)	0.075	0.075	0.075			8.1E-13	8.1E-13	9.6E-03	9.1E-04	1.2E-07	1.0E-02
16065-83-1	Chromium(III), Insoluble Salts	3.81	3.81	3.81					3.2E-05			3.2E-05
7440-48-4	Cobalt	2.66	2.66	2.66			1.4E-10	1.4E-10	1.1E-01		7.2E-06	1.1E-01
7440-50-8	Copper	9.08	9.08	9.08					2.9E-03			2.9E-03
51-28-5	Dinitrophenol, 2,4-	0.148	0.148	0.148					9.5E-04	2.2E-04		1.2E-03
123-91-1	Dioxane, 1,4-	0.00377	0.00377	0.00377	5.4E-10		1.6E-10	7.0E-10	1.6E-06		2.9E-06	4.5E-06
7439-92-1	~Lead and Compounds	8.7	8.7	8.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	61.8	61.8	61.8					3.3E-02		2.0E-05	3.3E-02
7440-02-0	Nickel Soluble Salts	9.36	9.36	9.36			1.5E-11	1.5E-11	6.0E-03		1.5E-05	6.0E-03
14797-55-8	Nitrate (measured as nitrogen)	0.979	0.979	0.979					7.8E-06			7.8E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.335	0.335	0.335	6.7E-09	1.9E-09	4.8E-15	8.6E-09	2.1E-04	5.1E-05		2.6E-04
85-68-7	~Butyl Benzyl Phthalate	0.105	0.105	0.105	2.9E-10	8.1E-11		3.7E-10	6.7E-06	1.6E-06		8.3E-06
205-99-2	~Benzo[b]fluoranthene	0.0568	0.0568	0.0568	3.7E-08	1.2E-08	5.7E-14	4.9E-08				
218-01-9	~Chrysene	0.0457	0.0457	0.0457	3.0E-10	1.0E-10	4.6E-16	4.0E-10				
206-44-0	~Fluoranthene	0.0817	0.0817	0.0817					2.6E-05	8.1E-06		3.4E-05
129-00-0	~Pyrene	0.0703	0.0703	0.0703					3.0E-05	9.2E-06		3.9E-05
7782-49-2	Selenium	0.18	0.18	0.18					4.6E-04		1.5E-10	4.6E-04
7440-22-4	Silver	0.0159	0.0159	0.0159					4.1E-05			4.1E-05
7440-62-2	Vanadium and Compounds	8.99	8.99	8.99					2.3E-02		1.5E-06	2.3E-02
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					1.5E-03			1.5E-03
						Cumulative:		5.5E-07				2.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.335	0.335	0.335	9.2E-08	2.0E-08	2.0E-12	1.1E-07	5.7E-04	1.2E-04	8.6E-08	7.0E-04
7440-39-3	Barium	10.2	10.2	10.2					4.4E-05		7.9E-08	4.4E-05
7440-41-7	Beryllium and compounds	0.0601	0.0601	0.0601			2.0E-13	2.0E-13	2.6E-05		1.2E-08	2.6E-05
7440-43-9	Cadmium (Diet)	0.075	0.075	0.075			1.9E-13	1.9E-13	6.4E-04	1.1E-04	2.9E-08	7.5E-04
16065-83-1	Chromium(III), Insoluble Salts	3.81	3.81	3.81					2.2E-06			2.2E-06
7440-48-4	Cobalt	2.66	2.66	2.66			3.3E-11	3.3E-11	7.6E-03		1.7E-06	7.6E-03
7440-50-8	Copper	9.08	9.08	9.08					1.9E-04			1.9E-04
51-28-5	Dinitrophenol, 2,4-	0.148	0.148	0.148					6.3E-05	2.7E-05		9.0E-05
123-91-1	Dioxane, 1,4-	0.00377	0.00377	0.00377	1.2E-10		3.6E-11	1.5E-10	1.1E-07		6.8E-07	7.9E-07
7439-92-1	~Lead and Compounds	8.7	8.7	8.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	61.8	61.8	61.8					2.2E-03		4.8E-06	2.2E-03
7440-02-0	Nickel Soluble Salts	9.36	9.36	9.36			3.3E-12	3.3E-12	4.0E-04		3.6E-06	4.0E-04
14797-55-8	Nitrate (measured as nitrogen)	0.979	0.979	0.979					5.2E-07			5.2E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.335	0.335	0.335	1.4E-09	6.1E-10	1.1E-15	2.0E-09	1.4E-05	6.1E-06		2.0E-05
85-68-7	~Butyl Benzyl Phthalate	0.105	0.105	0.105	6.1E-11	2.6E-11		8.7E-11	4.5E-07	1.9E-07		6.4E-07
205-99-2	~Benzo[b]fluoranthene	0.0568	0.0568	0.0568	1.7E-09	9.6E-10	4.7E-15	2.7E-09				
218-01-9	~Chrysene	0.0457	0.0457	0.0457	1.4E-11	7.7E-12	3.8E-17	2.2E-11				
206-44-0	~Fluoranthene	0.0817	0.0817	0.0817					1.7E-06	9.6E-07		2.7E-06
129-00-0	~Pyrene	0.0703	0.0703	0.0703					2.0E-06	1.1E-06		3.1E-06
7782-49-2	Selenium	0.18	0.18	0.18					3.1E-05		3.5E-11	3.1E-05
7440-22-4	Silver	0.0159	0.0159	0.0159					2.7E-06			2.7E-06
7440-62-2	Vanadium and Compounds	8.99	8.99	8.99					1.5E-03		3.5E-07	1.5E-03
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					1.0E-04			1.0E-04
						Cumulative:		1.2E-07				1.4E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.335	0.335	0.335	1.9E-07	2.6E-08	3.1E-13	2.1E-07	3.7E-03	4.4E-04	1.3E-08	4.1E-03
7440-39-3	Barium	10.2	10.2	10.2					2.8E-04		1.2E-08	2.8E-04
7440-41-7	Beryllium and compounds	0.0601	0.0601	0.0601			3.1E-14	3.1E-14	1.6E-04		1.7E-09	1.6E-04
7440-43-9	Cadmium (Diet)	0.075	0.075	0.075			2.9E-14	2.9E-14	4.1E-03	3.9E-04	4.3E-09	4.5E-03
16065-83-1	Chromium(III), Insoluble Salts	3.81	3.81	3.81					1.4E-05			1.4E-05
7440-48-4	Cobalt	2.66	2.66	2.66			5.1E-12	5.1E-12	4.9E-02		2.6E-07	4.9E-02
7440-50-8	Copper	9.08	9.08	9.08					1.2E-03			1.2E-03
51-28-5	Dinitrophenol, 2,4-	0.148	0.148	0.148					4.1E-04	9.6E-05		5.0E-04
123-91-1	Dioxane, 1,4-	0.00377	0.00377	0.00377	2.3E-10		5.7E-12	2.4E-10	6.9E-07		1.0E-07	7.9E-07
7439-92-1	~Lead and Compounds	8.7	8.7	8.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	61.8	61.8	61.8					1.4E-02		7.1E-07	1.4E-02
7440-02-0	Nickel Soluble Salts	9.36	9.36	9.36			5.2E-13	5.2E-13	2.6E-03		5.4E-07	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	0.979	0.979	0.979					3.4E-06			3.4E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.335	0.335	0.335	2.9E-09	8.1E-10	1.7E-16	3.7E-09	9.2E-05	2.2E-05		1.1E-04
85-68-7	~Butyl Benzyl Phthalate	0.105	0.105	0.105	1.2E-10	3.5E-11		1.6E-10	2.9E-06	6.8E-07		3.6E-06
205-99-2	~Benzo[b]fluoranthene	0.0568	0.0568	0.0568	1.6E-08	5.3E-09	2.0E-15	2.1E-08				
218-01-9	~Chrysene	0.0457	0.0457	0.0457	1.3E-10	4.3E-11	1.6E-17	1.7E-10				
206-44-0	~Fluoranthene	0.0817	0.0817	0.0817					1.1E-05	3.5E-06		1.5E-05
129-00-0	~Pyrene	0.0703	0.0703	0.0703					1.3E-05	4.0E-06		1.7E-05
7782-49-2	Selenium	0.18	0.18	0.18					2.0E-04		5.2E-12	2.0E-04
7440-22-4	Silver	0.0159	0.0159	0.0159					1.7E-05			1.7E-05
7440-62-2	Vanadium and Compounds	8.99	8.99	8.99					9.8E-03		5.2E-08	9.8E-03
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					6.4E-04			6.4E-04
						Cumulative:		2.4E-07				8.7E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	3/17/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
0.318	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
10.6	B	7440-39-3	Barium			mg/kg	SED-2									
0.0529	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.066	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
4.41		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
1.98		7440-48-4	Cobalt			mg/kg	SED-2									
11.3	B	7440-50-8	Copper			mg/kg	SED-2									
0.00346		123-91-1	Dioxane, 1,4-			mg/kg	SED-2									
8.61		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
43.3		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
6.73		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.988	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.163	J, B	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-2									
0.0163	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.218	J	7782-49-2	Selenium			mg/kg	SED-2									
0.0157	J	7440-22-4	Silver			mg/kg	SED-2									
8.45		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
29.5		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	4.9E-07	1.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.1E-07	1.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.1E-07	6.8E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	0.318	0.318	0.318	4.1E-07	5.8E-08	8.2E-12	4.7E-07	8.1E-03	9.6E-04	3.4E-07	9.1E-03
7440-39-3	Barium	10.6	10.6	10.6					6.8E-04		3.4E-07	6.8E-04
7440-41-7	Beryllium and compounds	0.0529	0.0529	0.0529			7.6E-13	7.6E-13	3.4E-04		4.3E-08	3.4E-04
7440-43-9	Cadmium (Diet)	0.066	0.066	0.066			7.1E-13	7.1E-13	8.4E-03	8.0E-04	1.1E-07	9.2E-03
16065-83-1	Chromium(III), Insoluble Salts	4.41	4.41	4.41					3.8E-05			3.8E-05
7440-48-4	Cobalt	1.98	1.98	1.98			1.1E-10	1.1E-10	8.4E-02		5.3E-06	8.4E-02
7440-50-8	Copper	11.3	11.3	11.3					3.6E-03			3.6E-03
123-91-1	Dioxane, 1,4-	0.00346	0.00346	0.00346	5.0E-10		1.5E-10	6.4E-10	1.5E-06		2.6E-06	4.1E-06
7439-92-1	~Lead and Compounds	8.61	8.61	8.61					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	43.3	43.3	43.3					2.3E-02		1.4E-05	2.3E-02
7440-02-0	Nickel Soluble Salts	6.73	6.73	6.73			1.1E-11	1.1E-11	4.3E-03		1.1E-05	4.3E-03
14797-55-8	Nitrate (measured as nitrogen)	0.988	0.988	0.988					7.9E-06			7.9E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.163	0.163	0.163	3.3E-09	9.2E-10	2.3E-15	4.2E-09	1.0E-04	2.5E-05		1.3E-04
205-99-2	~Benzo[b]fluoranthene	0.0163	0.0163	0.0163	1.1E-08	3.6E-09	1.6E-14	1.4E-08				
7782-49-2	Selenium	0.218	0.218	0.218					5.6E-04		1.8E-10	5.6E-04
7440-22-4	Silver	0.0157	0.0157	0.0157					4.0E-05			4.0E-05
7440-62-2	Vanadium and Compounds	8.45	8.45	8.45					2.1E-02		1.4E-06	2.1E-02
7440-66-6	Zinc and Compounds	29.5	29.5	29.5					1.3E-03			1.3E-03
						Cumulative:		4.9E-07				1.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	0.318	0.318	0.318	8.8E-08	1.9E-08	1.9E-12	1.1E-07	5.4E-04	1.2E-04	8.2E-08	6.6E-04
7440-39-3	Barium	10.6	10.6	10.6					4.5E-05		8.2E-08	4.5E-05
7440-41-7	Beryllium and compounds	0.0529	0.0529	0.0529			1.7E-13	1.7E-13	2.3E-05		1.0E-08	2.3E-05
7440-43-9	Cadmium (Diet)	0.066	0.066	0.066			1.6E-13	1.6E-13	5.7E-04	9.6E-05	2.5E-08	6.6E-04
16065-83-1	Chromium(III), Insoluble Salts	4.41	4.41	4.41					2.5E-06			2.5E-06
7440-48-4	Cobalt	1.98	1.98	1.98			2.4E-11	2.4E-11	5.7E-03		1.3E-06	5.7E-03
7440-50-8	Copper	11.3	11.3	11.3					2.4E-04			2.4E-04
123-91-1	Dioxane, 1,4-	0.00346	0.00346	0.00346	1.1E-10		3.3E-11	1.4E-10	9.9E-08		6.2E-07	7.2E-07
7439-92-1	~Lead and Compounds	8.61	8.61	8.61					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	43.3	43.3	43.3					1.5E-03		3.3E-06	1.5E-03
7440-02-0	Nickel Soluble Salts	6.73	6.73	6.73			2.4E-12	2.4E-12	2.9E-04		2.6E-06	2.9E-04
14797-55-8	Nitrate (measured as nitrogen)	0.988	0.988	0.988					5.3E-07			5.3E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.163	0.163	0.163	7.0E-10	3.0E-10	5.4E-16	9.9E-10	7.0E-06	3.0E-06		9.9E-06
205-99-2	~Benzo[b]fluoranthene	0.0163	0.0163	0.0163	5.0E-10	2.7E-10	1.3E-15	7.7E-10				
7782-49-2	Selenium	0.218	0.218	0.218					3.7E-05		4.2E-11	3.7E-05
7440-22-4	Silver	0.0157	0.0157	0.0157					2.7E-06			2.7E-06
7440-62-2	Vanadium and Compounds	8.45	8.45	8.45					1.4E-03		3.3E-07	1.4E-03
7440-66-6	Zinc and Compounds	29.5	29.5	29.5					8.4E-05			8.4E-05
						Cumulative:		1.1E-07				1.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	0.318	0.318	0.318	1.8E-07	2.5E-08	2.9E-13	2.0E-07	3.5E-03	4.1E-04	1.2E-08	3.9E-03
7440-39-3	Barium	10.6	10.6	10.6					2.9E-04		1.2E-08	2.9E-04
7440-41-7	Beryllium and compounds	0.0529	0.0529	0.0529			2.7E-14	2.7E-14	1.4E-04		1.5E-09	1.4E-04
7440-43-9	Cadmium (Diet)	0.066	0.066	0.066			2.5E-14	2.5E-14	3.6E-03	3.4E-04	3.8E-09	4.0E-03
16065-83-1	Chromium(III), Insoluble Salts	4.41	4.41	4.41					1.6E-05			1.6E-05
7440-48-4	Cobalt	1.98	1.98	1.98			3.8E-12	3.8E-12	3.6E-02		1.9E-07	3.6E-02
7440-50-8	Copper	11.3	11.3	11.3					1.5E-03			1.5E-03
123-91-1	Dioxane, 1,4-	0.00346	0.00346	0.00346	2.1E-10		5.2E-12	2.2E-10	6.3E-07		9.4E-08	7.3E-07
7439-92-1	~Lead and Compounds	8.61	8.61	8.61					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	43.3	43.3	43.3					9.9E-03		5.0E-07	9.9E-03
7440-02-0	Nickel Soluble Salts	6.73	6.73	6.73			3.8E-13	3.8E-13	1.8E-03		3.9E-07	1.8E-03
14797-55-8	Nitrate (measured as nitrogen)	0.988	0.988	0.988					3.4E-06			3.4E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.163	0.163	0.163	1.4E-09	4.0E-10	8.4E-17	1.8E-09	4.5E-05	1.1E-05		5.5E-05
205-99-2	~Benzo[b]fluoranthene	0.0163	0.0163	0.0163	4.6E-09	1.5E-09	5.8E-16	6.1E-09				
7782-49-2	Selenium	0.218	0.218	0.218					2.4E-04		6.3E-12	2.4E-04
7440-22-4	Silver	0.0157	0.0157	0.0157					1.7E-05			1.7E-05
7440-62-2	Vanadium and Compounds	8.45	8.45	8.45					9.2E-03		4.9E-08	9.2E-03
7440-66-6	Zinc and Compounds	29.5	29.5	29.5					5.4E-04			5.4E-04
						Cumulative:		2.1E-07				6.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	3/17/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.687		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
12.2	B	7440-39-3	Barium			mg/kg	SED-3									
0.0737	J	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.0749	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
4.38		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
1.73		7440-48-4	Cobalt			mg/kg	SED-3									
9.42	B	7440-50-8	Copper			mg/kg	SED-3									
0.0255	J*+	108-39-4	Cresol, m-			mg/kg	SED-3									
0.0255	J*+	106-44-5	Cresol, p-			mg/kg	SED-3									
0.0122		123-91-1	Dioxane, 1,4-			mg/kg	SED-3									
12.2		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
44.3		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
5.66		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
1.06	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-3									
0.16	J	120-12-7	~Anthracene			mg/kg	SED-3									
0.133	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.126	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.219	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.0621	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-3									
0.215	J	218-01-9	~Chrysene			mg/kg	SED-3									
0.366	J	206-44-0	~Fluoranthene			mg/kg	SED-3									
0.1	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-3									
0.42	J	129-00-0	~Pyrene			mg/kg	SED-3									
0.177	J	7782-49-2	Selenium			mg/kg	SED-3									
0.118	J	7440-22-4	Silver			mg/kg	SED-3									
6.64		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
34.9		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: NONCD0000821

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.5E-06	1.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.1E-07	1.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.1E-06	6.9E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	0.687	0.687	0.687	8.9E-07	1.3E-07	1.8E-11	1.0E-06	1.8E-02	2.1E-03	7.4E-07	2.0E-02
7440-39-3	Barium	12.2	12.2	12.2					7.8E-04		3.9E-07	7.8E-04
7440-41-7	Beryllium and compounds	0.0737	0.0737	0.0737			1.1E-12	1.1E-12	4.7E-04		6.0E-08	4.7E-04
7440-43-9	Cadmium (Diet)	0.0749	0.0749	0.0749			8.1E-13	8.1E-13	9.6E-03	9.1E-04	1.2E-07	1.0E-02
16065-83-1	Chromium(III), Insoluble Salts	4.38	4.38	4.38					3.7E-05			3.7E-05
7440-48-4	Cobalt	1.73	1.73	1.73			9.3E-11	9.3E-11	7.4E-02		4.7E-06	7.4E-02
7440-50-8	Copper	9.42	9.42	9.42					3.0E-03			3.0E-03
108-39-4	Cresol, m-	0.0255	0.0255	0.0255					6.5E-06	1.5E-06	6.9E-13	8.1E-06
106-44-5	Cresol, p-	0.0255	0.0255	0.0255					1.6E-05	3.9E-06	6.9E-13	2.0E-05
123-91-1	Dioxane, 1,4-	0.0122	0.0122	0.0122	1.8E-09		5.2E-10	2.3E-09	5.2E-06		9.3E-06	1.4E-05
7439-92-1	~Lead and Compounds	12.2	12.2	12.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	44.3	44.3	44.3					2.4E-02		1.4E-05	2.4E-02
7440-02-0	Nickel Soluble Salts	5.66	5.66	5.66			8.8E-12	8.8E-12	3.6E-03		9.1E-06	3.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					8.5E-06			8.5E-06
120-12-7	~Anthracene	0.16	0.16	0.16					6.8E-06	2.1E-06		8.9E-06
56-55-3	~Benz[a]anthracene	0.133	0.133	0.133	8.7E-08	2.9E-08	1.7E-09	1.2E-07				
50-32-8	~Benzo[a]pyrene	0.126	0.126	0.126	8.2E-07	2.7E-07	1.3E-12	1.1E-06	5.4E-03	1.7E-03	1.0E-06	7.0E-03
205-99-2	~Benzo[b]fluoranthene	0.219	0.219	0.219	1.4E-07	4.8E-08	2.2E-13	1.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.0621	0.0621	0.0621	4.1E-09	1.4E-09	6.2E-15	5.4E-09				
218-01-9	~Chrysene	0.215	0.215	0.215	1.4E-09	4.7E-10	2.1E-15	1.9E-09				
206-44-0	~Fluoranthene	0.366	0.366	0.366					1.2E-04	3.6E-05		1.5E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.1	0.1	0.1	6.5E-08	2.2E-08	1.0E-13	8.7E-08				
129-00-0	~Pyrene	0.42	0.42	0.42					1.8E-04	5.5E-05		2.3E-04
7782-49-2	Selenium	0.177	0.177	0.177					4.5E-04		1.4E-10	4.5E-04
7440-22-4	Silver	0.118	0.118	0.118					3.0E-04			3.0E-04
7440-62-2	Vanadium and Compounds	6.64	6.64	6.64					1.7E-02		1.1E-06	1.7E-02
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					1.5E-03			1.5E-03
						Cumulative:		2.5E-06				1.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	0.687	0.687	0.687	1.9E-07	4.0E-08	4.1E-12	2.3E-07	1.2E-03	2.5E-04	1.8E-07	1.4E-03
7440-39-3	Barium	12.2	12.2	12.2					5.2E-05		9.4E-08	5.2E-05
7440-41-7	Beryllium and compounds	0.0737	0.0737	0.0737			2.4E-13	2.4E-13	3.2E-05		1.4E-08	3.2E-05
7440-43-9	Cadmium (Diet)	0.0749	0.0749	0.0749			1.9E-13	1.9E-13	6.4E-04	1.1E-04	2.9E-08	7.5E-04
16065-83-1	Chromium(III), Insoluble Salts	4.38	4.38	4.38					2.5E-06			2.5E-06
7440-48-4	Cobalt	1.73	1.73	1.73			2.1E-11	2.1E-11	4.9E-03		1.1E-06	4.9E-03
7440-50-8	Copper	9.42	9.42	9.42					2.0E-04			2.0E-04
108-39-4	Cresol, m-	0.0255	0.0255	0.0255					4.4E-07	1.8E-07	1.6E-13	6.2E-07
106-44-5	Cresol, p-	0.0255	0.0255	0.0255					1.1E-06	4.6E-07	1.6E-13	1.6E-06
123-91-1	Dioxane, 1,4-	0.0122	0.0122	0.0122	3.7E-10		1.2E-10	4.9E-10	3.5E-07		2.2E-06	2.6E-06
7439-92-1	~Lead and Compounds	12.2	12.2	12.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	44.3	44.3	44.3					1.6E-03		3.4E-06	1.6E-03
7440-02-0	Nickel Soluble Salts	5.66	5.66	5.66			2.0E-12	2.0E-12	2.4E-04		2.2E-06	2.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					5.7E-07			5.7E-07
120-12-7	~Anthracene	0.16	0.16	0.16					4.6E-07	2.5E-07		7.1E-07
56-55-3	~Benz[a]anthracene	0.133	0.133	0.133	4.1E-09	2.2E-09	1.4E-10	6.4E-09				
50-32-8	~Benzo[a]pyrene	0.126	0.126	0.126	3.9E-08	2.1E-08	1.0E-13	6.0E-08	3.6E-04	2.0E-04	2.4E-07	5.6E-04
205-99-2	~Benzo[b]fluoranthene	0.219	0.219	0.219	6.7E-09	3.7E-09	1.8E-14	1.0E-08				
207-08-9	~Benzo[k]fluoranthene	0.0621	0.0621	0.0621	1.9E-10	1.0E-10	5.1E-16	2.9E-10				
218-01-9	~Chrysene	0.215	0.215	0.215	6.6E-11	3.6E-11	1.8E-16	1.0E-10				
206-44-0	~Fluoranthene	0.366	0.366	0.366					7.8E-06	4.3E-06		1.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.1	0.1	0.1	3.1E-09	1.7E-09	8.2E-15	4.7E-09				
129-00-0	~Pyrene	0.42	0.42	0.42					1.2E-05	6.6E-06		1.9E-05
7782-49-2	Selenium	0.177	0.177	0.177					3.0E-05		3.4E-11	3.0E-05
7440-22-4	Silver	0.118	0.118	0.118					2.0E-05			2.0E-05
7440-62-2	Vanadium and Compounds	6.64	6.64	6.64					1.1E-03		2.6E-07	1.1E-03
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					1.0E-04			1.0E-04
						Cumulative:		3.1E-07				1.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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	0.687	0.687	0.687	3.8E-07	5.4E-08	6.3E-13	4.3E-07	7.5E-03	8.9E-04	2.6E-08	8.4E-03
7440-39-3	Barium	12.2	12.2	12.2					3.3E-04		1.4E-08	3.3E-04
7440-41-7	Beryllium and compounds	0.0737	0.0737	0.0737			3.8E-14	3.8E-14	2.0E-04		2.1E-09	2.0E-04
7440-43-9	Cadmium (Diet)	0.0749	0.0749	0.0749			2.9E-14	2.9E-14	4.1E-03	3.9E-04	4.3E-09	4.5E-03
16065-83-1	Chromium(III), Insoluble Salts	4.38	4.38	4.38					1.6E-05			1.6E-05
7440-48-4	Cobalt	1.73	1.73	1.73			3.3E-12	3.3E-12	3.2E-02		1.7E-07	3.2E-02
7440-50-8	Copper	9.42	9.42	9.42					1.3E-03			1.3E-03
108-39-4	Cresol, m-	0.0255	0.0255	0.0255					2.8E-06	6.6E-07	2.5E-14	3.5E-06
106-44-5	Cresol, p-	0.0255	0.0255	0.0255					7.0E-06	1.7E-06	2.5E-14	8.6E-06
123-91-1	Dioxane, 1,4-	0.0122	0.0122	0.0122	7.5E-10		1.8E-11	7.7E-10	2.2E-06		3.3E-07	2.6E-06
7439-92-1	~Lead and Compounds	12.2	12.2	12.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	44.3	44.3	44.3					1.0E-02		5.1E-07	1.0E-02
7440-02-0	Nickel Soluble Salts	5.66	5.66	5.66			3.2E-13	3.2E-13	1.6E-03		3.3E-07	1.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					3.6E-06			3.6E-06
120-12-7	~Anthracene	0.16	0.16	0.16					2.9E-06	9.0E-07		3.8E-06
56-55-3	~Benz[a]anthracene	0.133	0.133	0.133	3.7E-08	1.2E-08	6.0E-11	5.0E-08				
50-32-8	~Benzo[a]pyrene	0.126	0.126	0.126	3.5E-07	1.2E-07	4.5E-14	4.7E-07	2.3E-03	7.1E-04	3.6E-08	3.0E-03
205-99-2	~Benzo[b]fluoranthene	0.219	0.219	0.219	6.1E-08	2.0E-08	7.8E-15	8.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.0621	0.0621	0.0621	1.7E-09	5.8E-10	2.2E-16	2.3E-09				
218-01-9	~Chrysene	0.215	0.215	0.215	6.0E-10	2.0E-10	7.7E-17	8.0E-10				
206-44-0	~Fluoranthene	0.366	0.366	0.366					5.0E-05	1.5E-05		6.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.1	0.1	0.1	2.8E-08	9.3E-09	3.6E-15	3.7E-08				
129-00-0	~Pyrene	0.42	0.42	0.42					7.7E-05	2.4E-05		1.0E-04
7782-49-2	Selenium	0.177	0.177	0.177					1.9E-04		5.1E-12	1.9E-04
7440-22-4	Silver	0.118	0.118	0.118					1.3E-04			1.3E-04
7440-62-2	Vanadium and Compounds	6.64	6.64	6.64					7.2E-03		3.8E-08	7.2E-03
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					6.4E-04			6.4E-04
						Cumulative:		1.1E-06				6.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-4 Risk Assessment
Submittal Date:	3/17/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-4 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was collected here. The highest concentrations between the two were input into the calculator.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0599	J	67-64-1	Acetone			mg/kg	SED-DUP									
0.186	J	7440-36-0	Antimony (metallic)			mg/kg	SED-4									
1.1		7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
33.1	B	7440-39-3	Barium			mg/kg	SED-4									
0.117	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.126	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-DUP									
4.95		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-4									
0.164	J	18540-29-9	Chromium(VI)			mg/kg	SED-DUP									
2.23		7440-48-4	Cobalt			mg/kg	SED-4									
19.7	B	7440-50-8	Copper			mg/kg	SED-4									
0.00948		123-91-1	Dioxane, 1,4-			mg/kg	SED-4									
25.2		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
102		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
5.12		7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
0.964	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4									
0.392	J, B	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-4									
0.046	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.0504	J	206-44-0	~Fluoranthene			mg/kg	SED-4									
0.047	J	129-00-0	~Pyrene			mg/kg	SED-4									
0.169	J	7782-49-2	Selenium			mg/kg	SED-4									
0.0661	J	7440-22-4	Silver			mg/kg	SED-4									
0.00213	J	108-88-3	Toluene			mg/kg	SED-DUP									
9.12		7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
63.9		7440-66-6	Zinc and Compounds			mg/kg	SED-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.7E-06	2.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.7E-07	1.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	7.2E-07	1.0E-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: NONCD0000821

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0599	0.0599	0.0599					8.5E-07			8.5E-07
7440-36-0	Antimony (metallic)	0.186	0.186	0.186					5.9E-03		1.0E-08	5.9E-03
7440-38-2	Arsenic, Inorganic	1.1	1.1	1.1	**1.4E-06**	2.0E-07	2.8E-11	1.6E-06	2.8E-02	3.3E-03	1.2E-06	3.1E-02
7440-39-3	Barium	33.1	33.1	33.1					2.1E-03		1.1E-06	2.1E-03
7440-41-7	Beryllium and compounds	0.117	0.117	0.117			1.7E-12	1.7E-12	7.5E-04		9.5E-08	7.5E-04
7440-43-9	Cadmium (Diet)	0.126	0.126	0.126			1.4E-12	1.4E-12	1.6E-02	1.5E-03	2.0E-07	1.8E-02
16065-83-1	Chromium(III), Insoluble Salts	4.95	4.95	4.95					4.2E-05			4.2E-05
18540-29-9	Chromium(VI)	0.164	0.164	0.164	1.7E-07		3.0E-11	1.7E-07	2.3E-03		8.8E-08	2.3E-03
7440-48-4	Cobalt	2.23	2.23	2.23			1.2E-10	1.2E-10	9.5E-02		6.0E-06	9.5E-02
7440-50-8	Copper	19.7	19.7	19.7					6.3E-03			6.3E-03
123-91-1	Dioxane, 1,4-	0.00948	0.00948	0.00948	1.4E-09		4.0E-10	1.8E-09	4.0E-06		7.2E-06	1.1E-05
7439-92-1	~Lead and Compounds	25.2	25.2	25.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	102	102	102					5.4E-02		3.3E-05	5.4E-02
7440-02-0	Nickel Soluble Salts	5.12	5.12	5.12			8.0E-12	8.0E-12	3.3E-03		8.3E-06	3.3E-03
14797-55-8	Nitrate (measured as nitrogen)	0.964	0.964	0.964					7.7E-06			7.7E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.392	0.392	0.392	7.9E-09	2.2E-09	5.6E-15	1.0E-08	2.5E-04	5.9E-05		3.1E-04
205-99-2	~Benzo[b]fluoranthene	0.046	0.046	0.046	3.0E-08	1.0E-08	4.6E-14	4.0E-08				
206-44-0	~Fluoranthene	0.0504	0.0504	0.0504					1.6E-05	5.0E-06		2.1E-05
129-00-0	~Pyrene	0.047	0.047	0.047					2.0E-05	6.2E-06		2.6E-05
7782-49-2	Selenium	0.169	0.169	0.169					4.3E-04		1.4E-10	4.3E-04
7440-22-4	Silver	0.0661	0.0661	0.0661					1.7E-04			1.7E-04
108-88-3	Toluene	0.00213	0.00213	0.00213					3.4E-07		8.9E-08	4.3E-07
7440-62-2	Vanadium and Compounds	9.12	9.12	9.12					2.3E-02		1.5E-06	2.3E-02
7440-66-6	Zinc and Compounds	63.9	63.9	63.9					2.7E-03			2.7E-03
						Cumulative:		1.8E-06				2.5E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0599	0.0599	0.0599					5.7E-08			5.7E-08
7440-36-0	Antimony (metallic)	0.186	0.186	0.186					4.0E-04		2.4E-09	4.0E-04
7440-38-2	Arsenic, Inorganic	1.1	1.1	1.1	3.0E-07	6.4E-08	6.5E-12	3.7E-07	1.9E-03	4.0E-04	2.8E-07	2.3E-03
7440-39-3	Barium	33.1	33.1	33.1					1.4E-04		2.5E-07	1.4E-04
7440-41-7	Beryllium and compounds	0.117	0.117	0.117			3.9E-13	3.9E-13	5.0E-05		2.3E-08	5.0E-05
7440-43-9	Cadmium (Diet)	0.126	0.126	0.126			3.1E-13	3.1E-13	1.1E-03	1.8E-04	4.8E-08	1.3E-03
16065-83-1	Chromium(III), Insoluble Salts	4.95	4.95	4.95					2.8E-06			2.8E-06
18540-29-9	Chromium(VI)	0.164	0.164	0.164	8.0E-09		2.5E-12	8.0E-09	1.6E-04		2.1E-08	1.6E-04
7440-48-4	Cobalt	2.23	2.23	2.23			2.8E-11	2.8E-11	6.4E-03		1.4E-06	6.4E-03
7440-50-8	Copper	19.7	19.7	19.7					4.2E-04			4.2E-04
123-91-1	Dioxane, 1,4-	0.00948	0.00948	0.00948	2.9E-10		9.2E-11	3.8E-10	2.7E-07		1.7E-06	2.0E-06
7439-92-1	~Lead and Compounds	25.2	25.2	25.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	102	102	102					3.6E-03		7.9E-06	3.6E-03
7440-02-0	Nickel Soluble Salts	5.12	5.12	5.12			1.8E-12	1.8E-12	2.2E-04		2.0E-06	2.2E-04
14797-55-8	Nitrate (measured as nitrogen)	0.964	0.964	0.964					5.2E-07			5.2E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.392	0.392	0.392	1.7E-09	7.1E-10	1.3E-15	2.4E-09	1.7E-05	7.1E-06		2.4E-05
205-99-2	~Benzo[b]fluoranthene	0.046	0.046	0.046	1.4E-09	7.7E-10	3.8E-15	2.2E-09				
206-44-0	~Fluoranthene	0.0504	0.0504	0.0504					1.1E-06	5.9E-07		1.7E-06
129-00-0	~Pyrene	0.047	0.047	0.047					1.3E-06	7.4E-07		2.1E-06
7782-49-2	Selenium	0.169	0.169	0.169					2.9E-05		3.3E-11	2.9E-05
7440-22-4	Silver	0.0661	0.0661	0.0661					1.1E-05			1.1E-05
108-88-3	Toluene	0.00213	0.00213	0.00213					2.3E-08		2.1E-08	4.4E-08
7440-62-2	Vanadium and Compounds	9.12	9.12	9.12					1.5E-03		3.5E-07	1.5E-03
7440-66-6	Zinc and Compounds	63.9	63.9	63.9					1.8E-04			1.8E-04
						Cumulative:		3.8E-07				1.7E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0599	0.0599	0.0599					3.6E-07			3.6E-07
7440-36-0	Antimony (metallic)	0.186	0.186	0.186					2.5E-03		3.6E-10	2.5E-03
7440-38-2	Arsenic, Inorganic	1.1	1.1	1.1	6.1E-07	8.6E-08	1.0E-12	7.0E-07	1.2E-02	1.4E-03	4.2E-08	1.3E-02
7440-39-3	Barium	33.1	33.1	33.1					9.1E-04		3.8E-08	9.1E-04
7440-41-7	Beryllium and compounds	0.117	0.117	0.117			6.0E-14	6.0E-14	3.2E-04		3.4E-09	3.2E-04
7440-43-9	Cadmium (Diet)	0.126	0.126	0.126			4.9E-14	4.9E-14	6.9E-03	6.6E-04	7.3E-09	7.6E-03
16065-83-1	Chromium(III), Insoluble Salts	4.95	4.95	4.95					1.8E-05			1.8E-05
18540-29-9	Chromium(VI)	0.164	0.164	0.164	7.3E-08		1.1E-12	7.3E-08	1.0E-03		3.2E-09	1.0E-03
7440-48-4	Cobalt	2.23	2.23	2.23			4.3E-12	4.3E-12	4.1E-02		2.1E-07	4.1E-02
7440-50-8	Copper	19.7	19.7	19.7					2.7E-03			2.7E-03
123-91-1	Dioxane, 1,4-	0.00948	0.00948	0.00948	5.8E-10		1.4E-11	6.0E-10	1.7E-06		2.6E-07	2.0E-06
7439-92-1	~Lead and Compounds	25.2	25.2	25.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	102	102	102					2.3E-02		1.2E-06	2.3E-02
7440-02-0	Nickel Soluble Salts	5.12	5.12	5.12			2.9E-13	2.9E-13	1.4E-03		3.0E-07	1.4E-03
14797-55-8	Nitrate (measured as nitrogen)	0.964	0.964	0.964					3.3E-06			3.3E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.392	0.392	0.392	3.4E-09	9.5E-10	2.0E-16	4.3E-09	1.1E-04	2.5E-05		1.3E-04
205-99-2	~Benzo[b]fluoranthene	0.046	0.046	0.046	1.3E-08	4.3E-09	1.6E-15	1.7E-08				
206-44-0	~Fluoranthene	0.0504	0.0504	0.0504					6.9E-06	2.1E-06		9.0E-06
129-00-0	~Pyrene	0.047	0.047	0.047					8.6E-06	2.6E-06		1.1E-05
7782-49-2	Selenium	0.169	0.169	0.169					1.9E-04		4.9E-12	1.9E-04
7440-22-4	Silver	0.0661	0.0661	0.0661					7.2E-05			7.2E-05
108-88-3	Toluene	0.00213	0.00213	0.00213					1.5E-07		3.2E-09	1.5E-07
7440-62-2	Vanadium and Compounds	9.12	9.12	9.12					9.9E-03		5.3E-08	9.9E-03
7440-66-6	Zinc and Compounds	63.9	63.9	63.9					1.2E-03			1.2E-03
						Cumulative:		7.9E-07				1.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	3/17/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
0.0695	J	67-64-1	Acetone			mg/kg	SED-5									
0.841		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
14.1	B	7440-39-3	Barium			mg/kg	SED-5									
0.119	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.0966	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
8.47		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
2.22		7440-48-4	Cobalt			mg/kg	SED-5									
81.5	J	7440-50-8	Copper			mg/kg	SED-5									
0.00772		123-91-1	Dioxane, 1,4-			mg/kg	SED-5									
16.5		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
131		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
4.56		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
1.07	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5									
0.208	J, B	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-5									
0.0387	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.0417	J	206-44-0	~Fluoranthene			mg/kg	SED-5									
0.224	J	7782-49-2	Selenium			mg/kg	SED-5									
0.0221	J	7440-22-4	Silver			mg/kg	SED-5									
10.4		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
42.4		7440-66-6	Zinc and Compounds			mg/kg	SED-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.3E-06	2.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.8E-07	1.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.5E-07	1.1E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
67-64-1	Acetone	0.0695	0.0695	0.0695					9.9E-07			9.9E-07
7440-38-2	Arsenic, Inorganic	0.841	0.841	0.841	**1.1E-06**	1.5E-07	2.2E-11	1.2E-06	2.2E-02	2.6E-03	9.1E-07	2.4E-02
7440-39-3	Barium	14.1	14.1	14.1					9.0E-04		4.6E-07	9.0E-04
7440-41-7	Beryllium and compounds	0.119	0.119	0.119			1.7E-12	1.7E-12	7.6E-04		9.6E-08	7.6E-04
7440-43-9	Cadmium (Diet)	0.0966	0.0966	0.0966			1.0E-12	1.0E-12	1.2E-02	1.2E-03	1.6E-07	1.4E-02
16065-83-1	Chromium(III), Insoluble Salts	8.47	8.47	8.47					7.2E-05			7.2E-05
7440-48-4	Cobalt	2.22	2.22	2.22			1.2E-10	1.2E-10	9.5E-02		6.0E-06	9.5E-02
7440-50-8	Copper	81.5	81.5	81.5					2.6E-02			2.6E-02
123-91-1	Dioxane, 1,4-	0.00772	0.00772	0.00772	1.1E-09		3.3E-10	1.4E-09	3.3E-06		5.9E-06	9.1E-06
7439-92-1	~Lead and Compounds	16.5	16.5	16.5					**<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	4.56	4.56	4.56			7.1E-12	7.1E-12	2.9E-03		7.4E-06	2.9E-03
14797-55-8	Nitrate (measured as nitrogen)	1.07	1.07	1.07					8.6E-06			8.6E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.208	0.208	0.208	4.2E-09	1.2E-09	3.0E-15	5.4E-09	1.3E-04	3.2E-05		1.6E-04
205-99-2	~Benzo[b]fluoranthene	0.0387	0.0387	0.0387	2.5E-08	8.4E-09	3.9E-14	3.4E-08				
206-44-0	~Fluoranthene	0.0417	0.0417	0.0417					1.3E-05	4.1E-06		1.7E-05
7782-49-2	Selenium	0.224	0.224	0.224					5.7E-04		1.8E-10	5.7E-04
7440-22-4	Silver	0.0221	0.0221	0.0221					5.7E-05			5.7E-05
7440-62-2	Vanadium and Compounds	10.4	10.4	10.4					2.6E-02		1.7E-06	2.6E-02
7440-66-6	Zinc and Compounds	42.4	42.4	42.4					1.8E-03			1.8E-03
						Cumulative:		1.3E-06				2.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
67-64-1	Acetone	0.0695	0.0695	0.0695					6.6E-08			6.6E-08
7440-38-2	Arsenic, Inorganic	0.841	0.841	0.841	2.3E-07	4.9E-08	5.0E-12	2.8E-07	1.4E-03	3.0E-04	2.2E-07	1.7E-03
7440-39-3	Barium	14.1	14.1	14.1					6.0E-05		1.1E-07	6.0E-05
7440-41-7	Beryllium and compounds	0.119	0.119	0.119			3.9E-13	3.9E-13	5.1E-05		2.3E-08	5.1E-05
7440-43-9	Cadmium (Diet)	0.0966	0.0966	0.0966			2.4E-13	2.4E-13	8.3E-04	1.4E-04	3.7E-08	9.7E-04
16065-83-1	Chromium(III), Insoluble Salts	8.47	8.47	8.47					4.8E-06			4.8E-06
7440-48-4	Cobalt	2.22	2.22	2.22			2.7E-11	2.7E-11	6.3E-03		1.4E-06	6.3E-03
7440-50-8	Copper	81.5	81.5	81.5					1.7E-03			1.7E-03
123-91-1	Dioxane, 1,4-	0.00772	0.00772	0.00772	2.4E-10		7.5E-11	3.1E-10	2.2E-07		1.4E-06	1.6E-06
7439-92-1	~Lead and Compounds	16.5	16.5	16.5					**<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	4.56	4.56	4.56			1.6E-12	1.6E-12	2.0E-04		1.8E-06	2.0E-04
14797-55-8	Nitrate (measured as nitrogen)	1.07	1.07	1.07					5.7E-07			5.7E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.208	0.208	0.208	8.9E-10	3.8E-10	6.9E-16	1.3E-09	8.9E-06	3.8E-06		1.3E-05
205-99-2	~Benzo[b]fluoranthene	0.0387	0.0387	0.0387	1.2E-09	6.5E-10	3.2E-15	1.8E-09				
206-44-0	~Fluoranthene	0.0417	0.0417	0.0417					8.9E-07	4.9E-07		1.4E-06
7782-49-2	Selenium	0.224	0.224	0.224					3.8E-05		4.3E-11	3.8E-05
7440-22-4	Silver	0.0221	0.0221	0.0221					3.8E-06			3.8E-06
7440-62-2	Vanadium and Compounds	10.4	10.4	10.4					1.8E-03		4.0E-07	1.8E-03
7440-66-6	Zinc and Compounds	42.4	42.4	42.4					1.2E-04			1.2E-04
						Cumulative:		2.8E-07				1.8E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
67-64-1	Acetone	0.0695	0.0695	0.0695					4.2E-07			4.2E-07
7440-38-2	Arsenic, Inorganic	0.841	0.841	0.841	4.7E-07	6.6E-08	7.8E-13	5.3E-07	9.2E-03	1.1E-03	3.2E-08	1.0E-02
7440-39-3	Barium	14.1	14.1	14.1					3.9E-04		1.6E-08	3.9E-04
7440-41-7	Beryllium and compounds	0.119	0.119	0.119			6.1E-14	6.1E-14	3.3E-04		3.4E-09	3.3E-04
7440-43-9	Cadmium (Diet)	0.0966	0.0966	0.0966			3.7E-14	3.7E-14	5.3E-03	5.0E-04	5.6E-09	5.8E-03
16065-83-1	Chromium(III), Insoluble Salts	8.47	8.47	8.47					3.1E-05			3.1E-05
7440-48-4	Cobalt	2.22	2.22	2.22			4.3E-12	4.3E-12	4.1E-02		2.1E-07	4.1E-02
7440-50-8	Copper	81.5	81.5	81.5					1.1E-02			1.1E-02
123-91-1	Dioxane, 1,4-	0.00772	0.00772	0.00772	4.8E-10		1.2E-11	4.9E-10	1.4E-06		2.1E-07	1.6E-06
7439-92-1	~Lead and Compounds	16.5	16.5	16.5					**<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	4.56	4.56	4.56			2.5E-13	2.5E-13	1.2E-03		2.6E-07	1.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.07	1.07	1.07					3.7E-06			3.7E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.208	0.208	0.208	1.8E-09	5.1E-10	1.1E-16	2.3E-09	5.7E-05	1.4E-05		7.1E-05
205-99-2	~Benzo[b]fluoranthene	0.0387	0.0387	0.0387	1.1E-08	3.6E-09	1.4E-15	1.4E-08				
206-44-0	~Fluoranthene	0.0417	0.0417	0.0417					5.7E-06	1.8E-06		7.5E-06
7782-49-2	Selenium	0.224	0.224	0.224					2.5E-04		6.5E-12	2.5E-04
7440-22-4	Silver	0.0221	0.0221	0.0221					2.4E-05			2.4E-05
7440-62-2	Vanadium and Compounds	10.4	10.4	10.4					1.1E-02		6.0E-08	1.1E-02
7440-66-6	Zinc and Compounds	42.4	42.4	42.4					7.7E-04			7.7E-04
						Cumulative:		5.5E-07				1.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	3/17/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-6 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.204	J	7440-36-0	Antimony (metallic)			mg/kg	SED-6									
0.587		7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
11.1	B	7440-39-3	Barium			mg/kg	SED-6									
0.1	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.117	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-6									
0.12	J	105-60-2	Caprolactam			mg/kg	SED-6									
6.61		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-6									
1.48		7440-48-4	Cobalt			mg/kg	SED-6									
10.9	B	7440-50-8	Copper			mg/kg	SED-6									
0.00884		123-91-1	Dioxane, 1,4-			mg/kg	SED-6									
46.5		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
49.6		7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
4.08		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.06	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6									
0.19	J, B	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-6									
0.0187	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
0.218	J	7782-49-2	Selenium			mg/kg	SED-6									
0.134	J	7440-22-4	Silver			mg/kg	SED-6									
7.14		7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
66.6		7440-66-6	Zinc and Compounds			mg/kg	SED-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	8.9E-07	1.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.0E-07	1.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.8E-07	6.8E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.204	0.204	0.204					6.5E-03		1.1E-08	6.5E-03
7440-38-2	Arsenic, Inorganic	0.587	0.587	0.587	7.6E-07	1.1E-07	1.5E-11	8.7E-07	1.5E-02	1.8E-03	6.3E-07	1.7E-02
7440-39-3	Barium	11.1	11.1	11.1					7.1E-04		3.6E-07	7.1E-04
7440-41-7	Beryllium and compounds	0.1	0.1	0.1			1.4E-12	1.4E-12	6.4E-04		8.1E-08	6.4E-04
7440-43-9	Cadmium (Diet)	0.117	0.117	0.117			1.3E-12	1.3E-12	1.5E-02	1.4E-03	1.9E-07	1.6E-02
105-60-2	Caprolactam	0.12	0.12	0.12					3.1E-06	7.3E-07	8.8E-10	3.8E-06
16065-83-1	Chromium(III), Insoluble Salts	6.61	6.61	6.61					5.6E-05			5.6E-05
7440-48-4	Cobalt	1.48	1.48	1.48			8.0E-11	8.0E-11	6.3E-02		4.0E-06	6.3E-02
7440-50-8	Copper	10.9	10.9	10.9					3.5E-03			3.5E-03
123-91-1	Dioxane, 1,4-	0.00884	0.00884	0.00884	1.3E-09		3.7E-10	1.6E-09	3.8E-06		6.7E-06	1.0E-05
7439-92-1	~Lead and Compounds	46.5	46.5	46.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	49.6	49.6	49.6					2.6E-02		1.6E-05	2.6E-02
7440-02-0	Nickel Soluble Salts	4.08	4.08	4.08			6.4E-12	6.4E-12	2.6E-03		6.6E-06	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					8.5E-06			8.5E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.19	0.19	0.19	3.8E-09	1.1E-09	2.7E-15	4.9E-09	1.2E-04	2.9E-05		1.5E-04
205-99-2	~Benzo[b]fluoranthene	0.0187	0.0187	0.0187	1.2E-08	4.1E-09	1.9E-14	1.6E-08				
7782-49-2	Selenium	0.218	0.218	0.218					5.6E-04		1.8E-10	5.6E-04
7440-22-4	Silver	0.134	0.134	0.134					3.4E-04			3.4E-04
7440-62-2	Vanadium and Compounds	7.14	7.14	7.14					1.8E-02		1.2E-06	1.8E-02
7440-66-6	Zinc and Compounds	66.6	66.6	66.6					2.8E-03			2.8E-03
						Cumulative:		8.9E-07				1.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.204	0.204	0.204					4.4E-04		2.6E-09	4.4E-04
7440-38-2	Arsenic, Inorganic	0.587	0.587	0.587	1.6E-07	3.4E-08	3.5E-12	2.0E-07	1.0E-03	2.1E-04	1.5E-07	1.2E-03
7440-39-3	Barium	11.1	11.1	11.1					4.8E-05		8.5E-08	4.8E-05
7440-41-7	Beryllium and compounds	0.1	0.1	0.1			3.3E-13	3.3E-13	4.3E-05		1.9E-08	4.3E-05
7440-43-9	Cadmium (Diet)	0.117	0.117	0.117			2.9E-13	2.9E-13	1.0E-03	1.7E-04	4.5E-08	1.2E-03
105-60-2	Caprolactam	0.12	0.12	0.12					2.1E-07	8.7E-08	2.1E-10	2.9E-07
16065-83-1	Chromium(III), Insoluble Salts	6.61	6.61	6.61					3.8E-06			3.8E-06
7440-48-4	Cobalt	1.48	1.48	1.48			1.8E-11	1.8E-11	4.2E-03		9.5E-07	4.2E-03
7440-50-8	Copper	10.9	10.9	10.9					2.3E-04			2.3E-04
123-91-1	Dioxane, 1,4-	0.00884	0.00884	0.00884	2.7E-10		8.6E-11	3.6E-10	2.5E-07		1.6E-06	1.8E-06
7439-92-1	~Lead and Compounds	46.5	46.5	46.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	49.6	49.6	49.6					1.8E-03		3.8E-06	1.8E-03
7440-02-0	Nickel Soluble Salts	4.08	4.08	4.08			1.5E-12	1.5E-12	1.7E-04		1.6E-06	1.8E-04
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					5.7E-07			5.7E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.19	0.19	0.19	8.1E-10	3.4E-10	6.3E-16	1.2E-09	8.1E-06	3.4E-06		1.2E-05
205-99-2	~Benzo[b]fluoranthene	0.0187	0.0187	0.0187	5.7E-10	3.1E-10	1.5E-15	8.9E-10				
7782-49-2	Selenium	0.218	0.218	0.218					3.7E-05		4.2E-11	3.7E-05
7440-22-4	Silver	0.134	0.134	0.134					2.3E-05			2.3E-05
7440-62-2	Vanadium and Compounds	7.14	7.14	7.14					1.2E-03		2.7E-07	1.2E-03
7440-66-6	Zinc and Compounds	66.6	66.6	66.6					1.9E-04			1.9E-04
						Cumulative:		2.0E-07				1.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.204	0.204	0.204					2.8E-03		3.9E-10	2.8E-03
7440-38-2	Arsenic, Inorganic	0.587	0.587	0.587	3.3E-07	4.6E-08	5.4E-13	3.7E-07	6.4E-03	7.6E-04	2.3E-08	7.2E-03
7440-39-3	Barium	11.1	11.1	11.1					3.0E-04		1.3E-08	3.0E-04
7440-41-7	Beryllium and compounds	0.1	0.1	0.1			5.1E-14	5.1E-14	2.7E-04		2.9E-09	2.7E-04
7440-43-9	Cadmium (Diet)	0.117	0.117	0.117			4.5E-14	4.5E-14	6.4E-03	6.1E-04	6.8E-09	7.0E-03
105-60-2	Caprolactam	0.12	0.12	0.12					1.3E-06	3.1E-07	3.1E-11	1.6E-06
16065-83-1	Chromium(III), Insoluble Salts	6.61	6.61	6.61					2.4E-05			2.4E-05
7440-48-4	Cobalt	1.48	1.48	1.48			2.9E-12	2.9E-12	2.7E-02		1.4E-07	2.7E-02
7440-50-8	Copper	10.9	10.9	10.9					1.5E-03			1.5E-03
123-91-1	Dioxane, 1,4-	0.00884	0.00884	0.00884	5.4E-10		1.3E-11	5.6E-10	1.6E-06		2.4E-07	1.9E-06
7439-92-1	~Lead and Compounds	46.5	46.5	46.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	49.6	49.6	49.6					1.1E-02		5.7E-07	1.1E-02
7440-02-0	Nickel Soluble Salts	4.08	4.08	4.08			2.3E-13	2.3E-13	1.1E-03		2.4E-07	1.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					3.6E-06			3.6E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.19	0.19	0.19	1.6E-09	4.6E-10	9.8E-17	2.1E-09	5.2E-05	1.2E-05		6.4E-05
205-99-2	~Benzo[b]fluoranthene	0.0187	0.0187	0.0187	5.2E-09	1.7E-09	6.7E-16	7.0E-09				
7782-49-2	Selenium	0.218	0.218	0.218					2.4E-04		6.3E-12	2.4E-04
7440-22-4	Silver	0.134	0.134	0.134					1.5E-04			1.5E-04
7440-62-2	Vanadium and Compounds	7.14	7.14	7.14					7.8E-03		4.1E-08	7.8E-03
7440-66-6	Zinc and Compounds	66.6	66.6	66.6					1.2E-03			1.2E-03
						Cumulative:		3.8E-07				6.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East Durham Park
Site Address:	2500 East Main Street, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000821
Exposure Unit ID:	SED-7 Risk Assessment
Submittal Date:	3/17/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

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
3.18	J	67-64-1	Acetone			mg/kg	SED-7									
0.385	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
47.3	B	7440-39-3	Barium			mg/kg	SED-7									
0.0687	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
0.0673	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
0.0863	J	105-60-2	Caprolactam			mg/kg	SED-7									
3.95		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-7									
1.88		7440-48-4	Cobalt			mg/kg	SED-7									
7.31	B	7440-50-8	Copper			mg/kg	SED-7									
0.00407		123-91-1	Dioxane, 1,4-			mg/kg	SED-7									
14.1		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
71.7		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
9.28		78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-7									
5.1		7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
1.01	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-7									
0.188	J, B	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-7									
0.011	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
0.126	J	7782-49-2	Selenium			mg/kg	SED-7									
0.0168	J	7440-22-4	Silver			mg/kg	SED-7									
5.9		7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
38.2		7440-66-6	Zinc and Compounds			mg/kg	SED-7									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.8E-07	1.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.3E-07	1.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.5E-07	7.1E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	3.18	3.18	3.18					4.5E-05			4.5E-05
7440-38-2	Arsenic, Inorganic	0.385	0.385	0.385	5.0E-07	7.0E-08	9.9E-12	5.7E-07	9.8E-03	1.2E-03	4.1E-07	1.1E-02
7440-39-3	Barium	47.3	47.3	47.3					3.0E-03		1.5E-06	3.0E-03
7440-41-7	Beryllium and compounds	0.0687	0.0687	0.0687			9.9E-13	9.9E-13	4.4E-04		5.6E-08	4.4E-04
7440-43-9	Cadmium (Diet)	0.0673	0.0673	0.0673			7.3E-13	7.3E-13	8.6E-03	8.2E-04	1.1E-07	9.4E-03
105-60-2	Caprolactam	0.0863	0.0863	0.0863					2.2E-06	5.2E-07	6.3E-10	2.7E-06
16065-83-1	Chromium(III), Insoluble Salts	3.95	3.95	3.95					3.4E-05			3.4E-05
7440-48-4	Cobalt	1.88	1.88	1.88			1.0E-10	1.0E-10	8.0E-02		5.1E-06	8.0E-02
7440-50-8	Copper	7.31	7.31	7.31					2.3E-03			2.3E-03
123-91-1	Dioxane, 1,4-	0.00407	0.00407	0.00407	5.9E-10		1.7E-10	7.6E-10	1.7E-06		3.1E-06	4.8E-06
7439-92-1	~Lead and Compounds	14.1	14.1	14.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	71.7	71.7	71.7					3.8E-02		2.3E-05	3.8E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	9.28	9.28	9.28					2.0E-04		1.4E-04	3.3E-04
7440-02-0	Nickel Soluble Salts	5.1	5.1	5.1			8.0E-12	8.0E-12	3.3E-03		8.2E-06	3.3E-03
14797-55-8	Nitrate (measured as nitrogen)	1.01	1.01	1.01					8.1E-06			8.1E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.188	0.188	0.188	3.8E-09	1.1E-09	2.7E-15	4.9E-09	1.2E-04	2.9E-05		1.5E-04
205-99-2	~Benzo[b]fluoranthene	0.011	0.011	0.011	7.2E-09	2.4E-09	1.1E-14	9.6E-09				
7782-49-2	Selenium	0.126	0.126	0.126					3.2E-04		1.0E-10	3.2E-04
7440-22-4	Silver	0.0168	0.0168	0.0168					4.3E-05			4.3E-05
7440-62-2	Vanadium and Compounds	5.9	5.9	5.9					1.5E-02		9.5E-07	1.5E-02
7440-66-6	Zinc and Compounds	38.2	38.2	38.2					1.6E-03			1.6E-03
						Cumulative:		5.8E-07				1.7E-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: NONCD0000821

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	3.18	3.18	3.18					3.0E-06			3.0E-06
7440-38-2	Arsenic, Inorganic	0.385	0.385	0.385	1.1E-07	2.2E-08	2.3E-12	1.3E-07	6.6E-04	1.4E-04	9.9E-08	8.0E-04
7440-39-3	Barium	47.3	47.3	47.3					2.0E-04		3.6E-07	2.0E-04
7440-41-7	Beryllium and compounds	0.0687	0.0687	0.0687			2.3E-13	2.3E-13	2.9E-05		1.3E-08	2.9E-05
7440-43-9	Cadmium (Diet)	0.0673	0.0673	0.0673			1.7E-13	1.7E-13	5.8E-04	9.8E-05	2.6E-08	6.7E-04
105-60-2	Caprolactam	0.0863	0.0863	0.0863					1.5E-07	6.3E-08	1.5E-10	2.1E-07
16065-83-1	Chromium(III), Insoluble Salts	3.95	3.95	3.95					2.3E-06			2.3E-06
7440-48-4	Cobalt	1.88	1.88	1.88			2.3E-11	2.3E-11	5.4E-03		1.2E-06	5.4E-03
7440-50-8	Copper	7.31	7.31	7.31					1.6E-04			1.6E-04
123-91-1	Dioxane, 1,4-	0.00407	0.00407	0.00407	1.2E-10		3.9E-11	1.6E-10	1.2E-07		7.3E-07	8.5E-07
7439-92-1	~Lead and Compounds	14.1	14.1	14.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	71.7	71.7	71.7					2.6E-03		5.5E-06	2.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	9.28	9.28	9.28					1.3E-05		3.3E-05	4.6E-05
7440-02-0	Nickel Soluble Salts	5.1	5.1	5.1			1.8E-12	1.8E-12	2.2E-04		2.0E-06	2.2E-04
14797-55-8	Nitrate (measured as nitrogen)	1.01	1.01	1.01					5.4E-07			5.4E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.188	0.188	0.188	8.0E-10	3.4E-10	6.2E-16	1.1E-09	8.0E-06	3.4E-06		1.1E-05
205-99-2	~Benzo[b]fluoranthene	0.011	0.011	0.011	3.4E-10	1.9E-10	9.1E-16	5.2E-10				
7782-49-2	Selenium	0.126	0.126	0.126					2.2E-05		2.4E-11	2.2E-05
7440-22-4	Silver	0.0168	0.0168	0.0168					2.9E-06			2.9E-06
7440-62-2	Vanadium and Compounds	5.9	5.9	5.9					1.0E-03		2.3E-07	1.0E-03
7440-66-6	Zinc and Compounds	38.2	38.2	38.2					1.1E-04			1.1E-04
						Cumulative:		1.3E-07				1.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	3.18	3.18	3.18					1.9E-05			1.9E-05
7440-38-2	Arsenic, Inorganic	0.385	0.385	0.385	2.1E-07	3.0E-08	3.5E-13	2.4E-07	4.2E-03	5.0E-04	1.5E-08	4.7E-03
7440-39-3	Barium	47.3	47.3	47.3					1.3E-03		5.5E-08	1.3E-03
7440-41-7	Beryllium and compounds	0.0687	0.0687	0.0687			3.5E-14	3.5E-14	1.9E-04		2.0E-09	1.9E-04
7440-43-9	Cadmium (Diet)	0.0673	0.0673	0.0673			2.6E-14	2.6E-14	3.7E-03	3.5E-04	3.9E-09	4.0E-03
105-60-2	Caprolactam	0.0863	0.0863	0.0863					9.5E-07	2.2E-07	2.3E-11	1.2E-06
16065-83-1	Chromium(III), Insoluble Salts	3.95	3.95	3.95					1.4E-05			1.4E-05
7440-48-4	Cobalt	1.88	1.88	1.88			3.6E-12	3.6E-12	3.4E-02		1.8E-07	3.4E-02
7440-50-8	Copper	7.31	7.31	7.31					1.0E-03			1.0E-03
123-91-1	Dioxane, 1,4-	0.00407	0.00407	0.00407	2.5E-10		6.1E-12	2.6E-10	7.4E-07		1.1E-07	8.5E-07
7439-92-1	~Lead and Compounds	14.1	14.1	14.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	71.7	71.7	71.7					1.6E-02		8.3E-07	1.6E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	9.28	9.28	9.28					8.5E-05		4.9E-06	9.0E-05
7440-02-0	Nickel Soluble Salts	5.1	5.1	5.1			2.8E-13	2.8E-13	1.4E-03		2.9E-07	1.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.01	1.01	1.01					3.5E-06			3.5E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.188	0.188	0.188	1.6E-09	4.6E-10	9.7E-17	2.1E-09	5.2E-05	1.2E-05		6.4E-05
205-99-2	~Benzo[b]fluoranthene	0.011	0.011	0.011	3.1E-09	1.0E-09	3.9E-16	4.1E-09				
7782-49-2	Selenium	0.126	0.126	0.126					1.4E-04		3.6E-12	1.4E-04
7440-22-4	Silver	0.0168	0.0168	0.0168					1.8E-05			1.8E-05
7440-62-2	Vanadium and Compounds	5.9	5.9	5.9					6.4E-03		3.4E-08	6.4E-03
7440-66-6	Zinc and Compounds	38.2	38.2	38.2					7.0E-04			7.0E-04
						Cumulative:		2.5E-07				7.1E-02