Remedial Investigation Report
City of Durham Parks – East Durham Park, NONCD0000821
2500 East Main Street, Durham, North Carolina
Task Orders 821RI-13A
S&ME Project No. 23050630

PREPARED FOR:

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

PREPARED BY:

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

April 6, 2026

April 6, 2026

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

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

Reference: **Remedial Investigation - Soil Gas, Groundwater & Surface Water/Sediment Report**
East Durham Park – 2500 East Main Street
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000821
NCDEQ Task Orders 821RI-13A
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-13A 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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Appendices

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 July 18, 2025, for Task Order 821RI-13A 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 December 10, 2025, 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. 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 of the LFGPs nor any of the background screening locations.

2.2.2 Methane

Methane was not detected at any sample locations nor any of the background screening locations.

2.2.3 Hydrogen Sulfide

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

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

2.3 Landfill Gas Sampling

On December 30, 2025, 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, Hydrogen sulfide by ASTM D5504, and Mercury by NIOSH 6009.

2.3.1 Shut-in Testing

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

2.3.2 Helium Leak Testing

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

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

2.3.3 Purging and Sampling

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

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

2.4 Landfill Gas Sample Results

Due to gas composition and laboratory instrument limitations, the landfill gas samples were diluted, resulting in higher laboratory detection limits. Sample dilutions result in higher detection limits. Therefore, compounds may be present at concentrations below the elevated detection limit and could be considered unacceptable risk based on the NCDEQ Risk Calculator. For this assessment, only compounds detected above the laboratory detection limits were entered into the NCDEQ Risk Calculator.

The laboratory reported detections of multiple 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 any 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**.

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

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

On December 4, 2025, the depth to groundwater was measured in each well with an electronic water level meter. A licensed surveyor located and measured horizontal coordinates and vertical elevations for the monitor wells under Task Order 821DP-6. The approximate depth of groundwater and elevations at each monitor well are displayed on **Table 4** and are represented on **Figure 3**. 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 and nitrite by EPA Method 353.2, 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 on **Figure 3.** See **Table 6** for a summary of the groundwater analytical results.

Manganese was detected in groundwater samples at concentrations exceeding the North Carolina 2L Groundwater Standard (NCAC 2L) of 50 micrograms per liter (µg/L) in all monitor wells except MW-5. Cobalt was detected in five groundwater samples at concentrations exceeding the NCAC 2L Standard of 1 µg/L. The manganese and cobalt levels may be attributed to the natural weathering within the local geology rather than a site-related release. Under 15A NCAC 02L .0202(b)(3), where naturally occurring substances exceed the established standard, the local background concentration is considered the applicable standard.

4.0 Surface Water and Sediment Sampling

On December 10, 2025, 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**.

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 on **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 15A NCAC 02B (2B Standards) surface water quality 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**.

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 IV contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample was collected for the day of sampling. A duplicate was taken at 821-LFGP-5. 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 (120425-Dup-1) was taken at MW-2 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-3/SED-3. 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 July 18, 2025, for Task Order 821RI-13A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

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

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

Signature of Environmental Consultant

April 6, 2026
Date

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

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

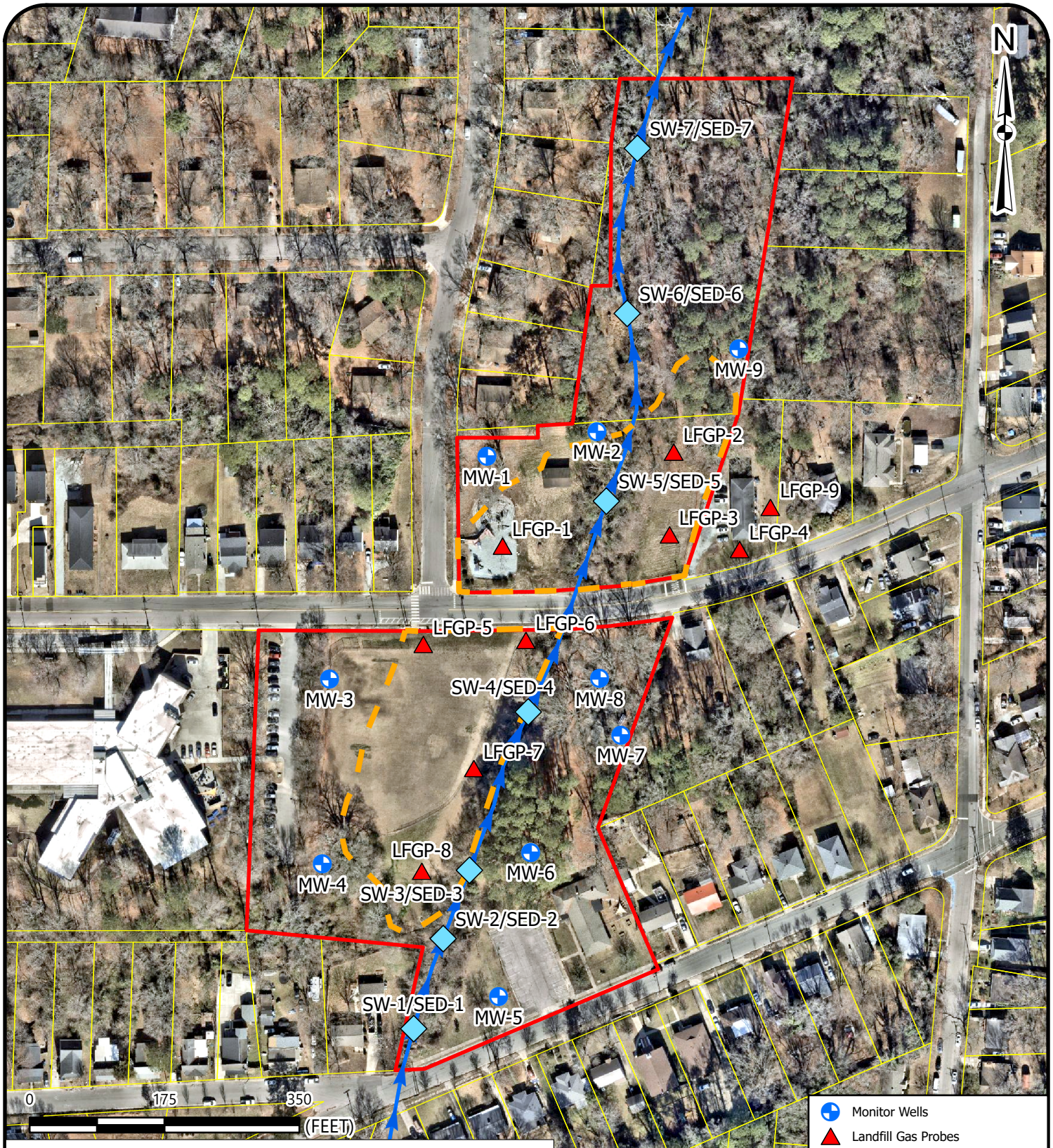
(OFFICIAL SEAL)

Wilma Craft
Notary Public (signature)

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

My commission expires: March 12, 2028

Figures



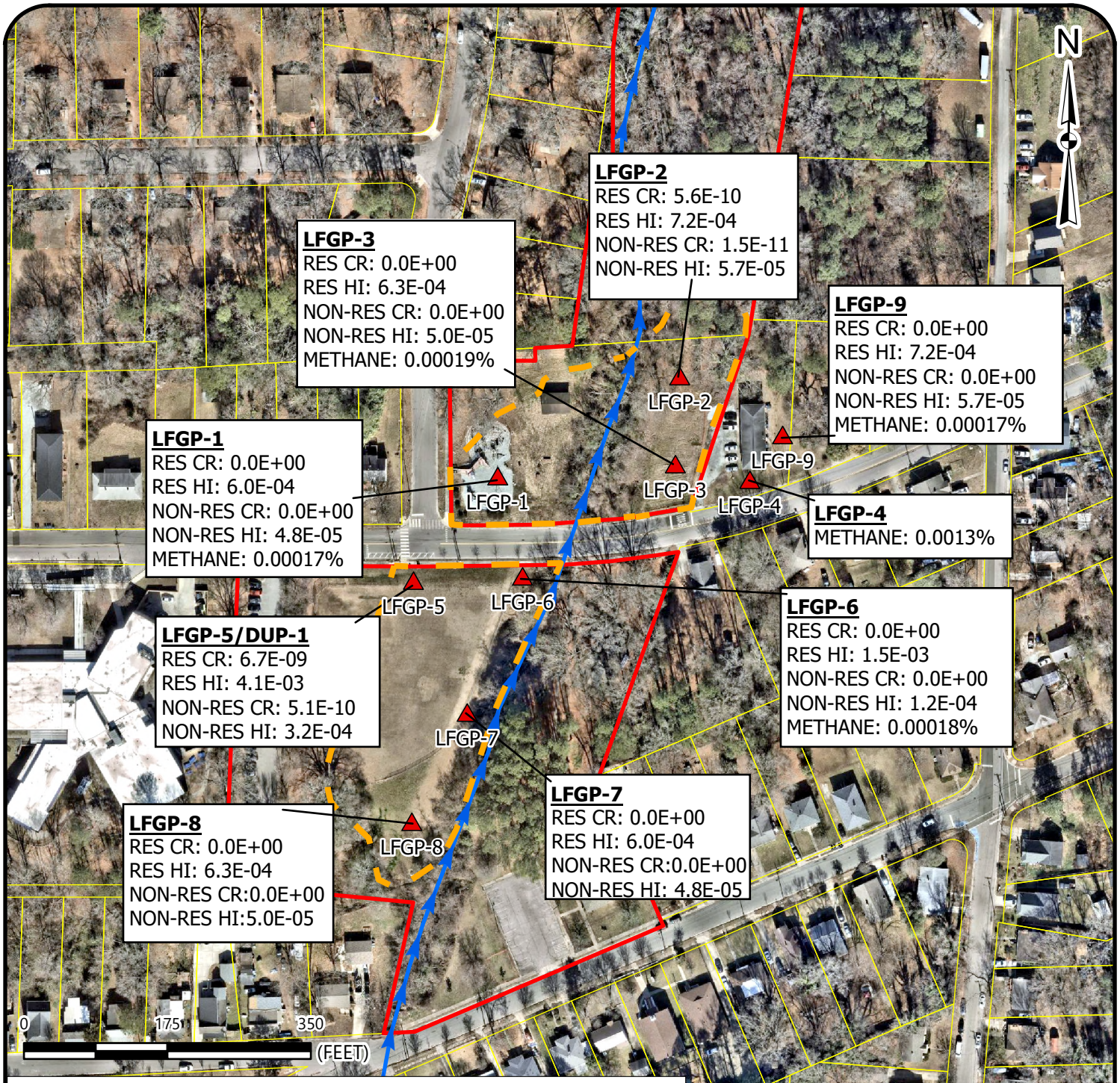
NOTES:
STREAM FLOW IS FROM SOUTH TO NORTH.
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE ESRI ONLINE WORLD STREET BASE MAP. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

SITE MAP

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-13A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 175 ft	1
DATE: 3/12/2026	
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 DECEMBER 30, 2025.
HYDROGEN SULFIDE SAMPLES WERE COLLECTED ON DECEMBER 30, 2025.
METHANE WAS NOT DETECTED AT LFGP-5 OR LFGP-7.
RISK CALCUALTIONS ARE NOT DEPICTED AT LFGP-4 BECAUSE THERE WERE NO LABORATORY DETECTIONS TO INPUT INTO THE RISK CALCULATOR.
RES CR: RESIDENTIAL CARCINOGENIC RISK
RES HI: RESIDENTIAL HAZARD INDEX
NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK
NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

REFERENCE:

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

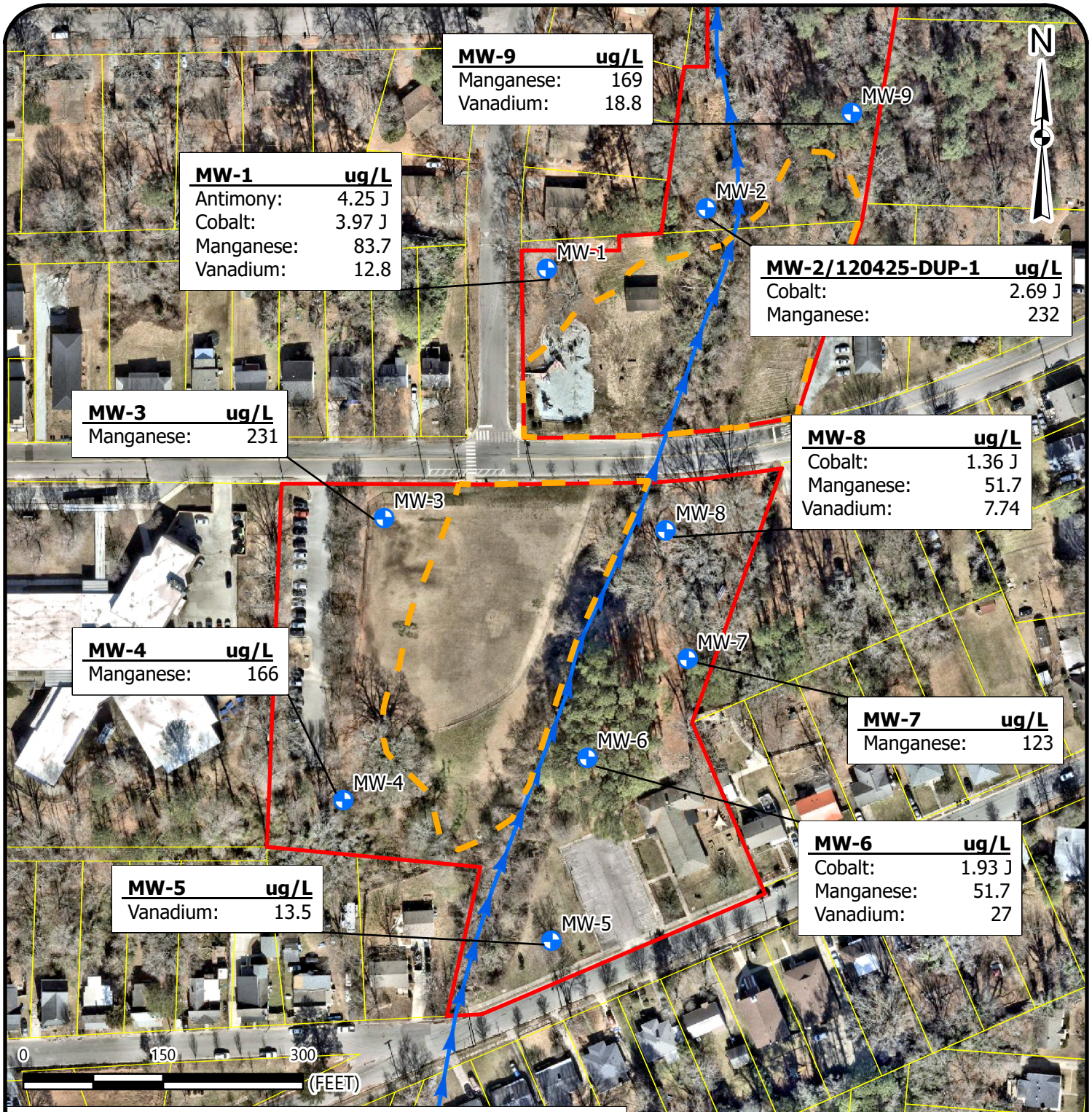
Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\LFG-MW-SUF-SED Sample Maps\East Durham MW-LFG-SW-SED Basemap

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-13A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 3/19/2026
PROJECT NUMBER 23050630

FIGURE NO. 2



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

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

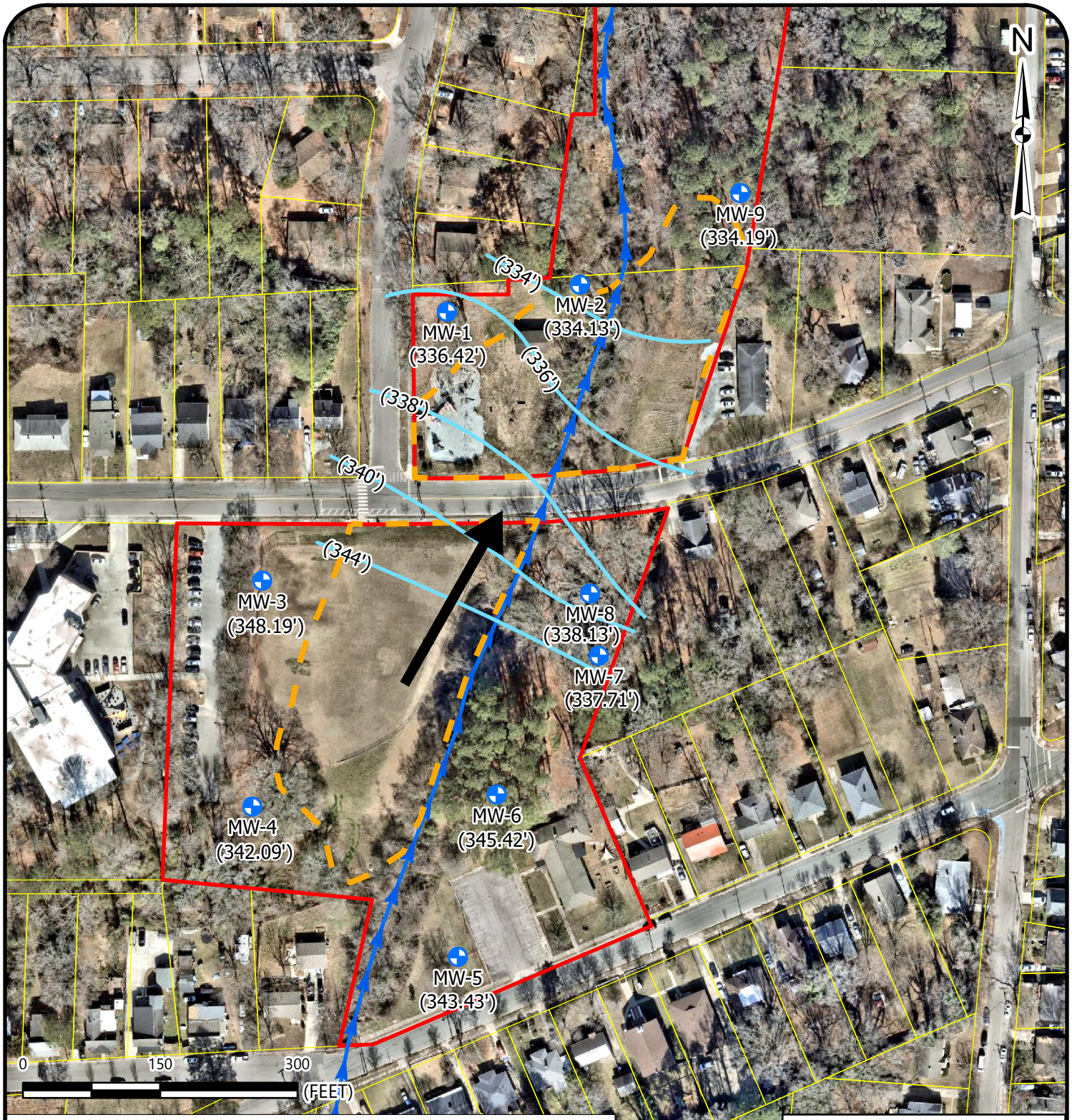
- Monitor Wells
- Surface Water
- Site Boundary
- Durham County Parcels
- Estimated Waste Boundary

GROUNDWATER ANALYTICAL RESULTS

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-13A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/19/2026
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 DECEMBER 4, 2025. 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.

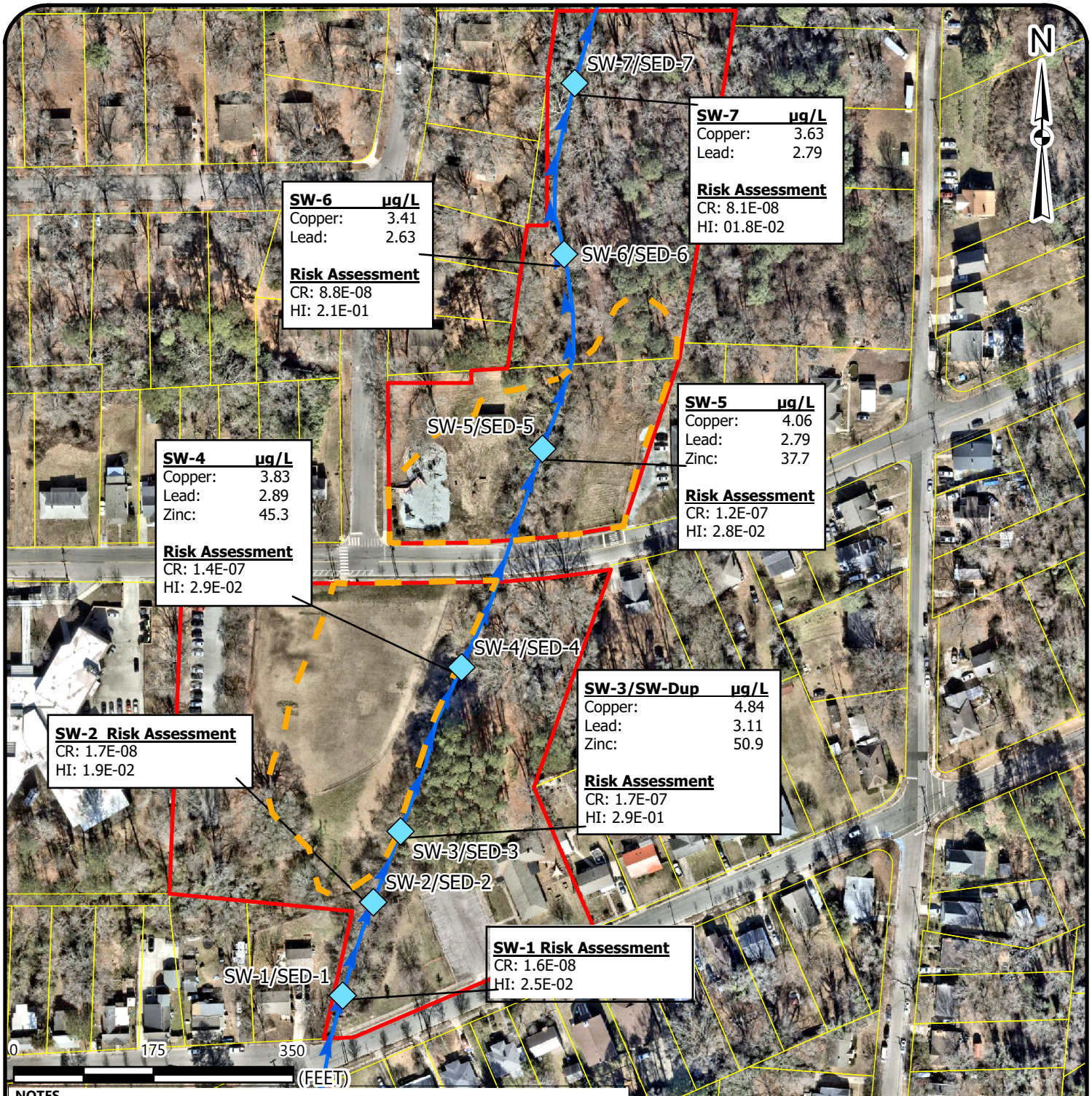
- Monitor Wells
- Surface Water
- Site Boundary
- Durham County Parcels
- Estimated Waste Boundary
- Approx. Groundwater Flow Direction
- Potentiometric Contours

Groundwater Potentiometric Map

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-13A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/19/2026
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 SAMPLING WAS CONDUCTED ON DECEMBER 10, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2B SURFACE WATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). A DUPLICATE SAMPLE WAS TAKEN AT SW-3; THE HIGHER DETECTED CONCENTRATION IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER 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.

SURFACE WATER ANALYTICAL RESULTS

EAST DURHAM PARK
NCDEQ ID NO. NONCD0000821 TASK ORDER 821RI-13A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

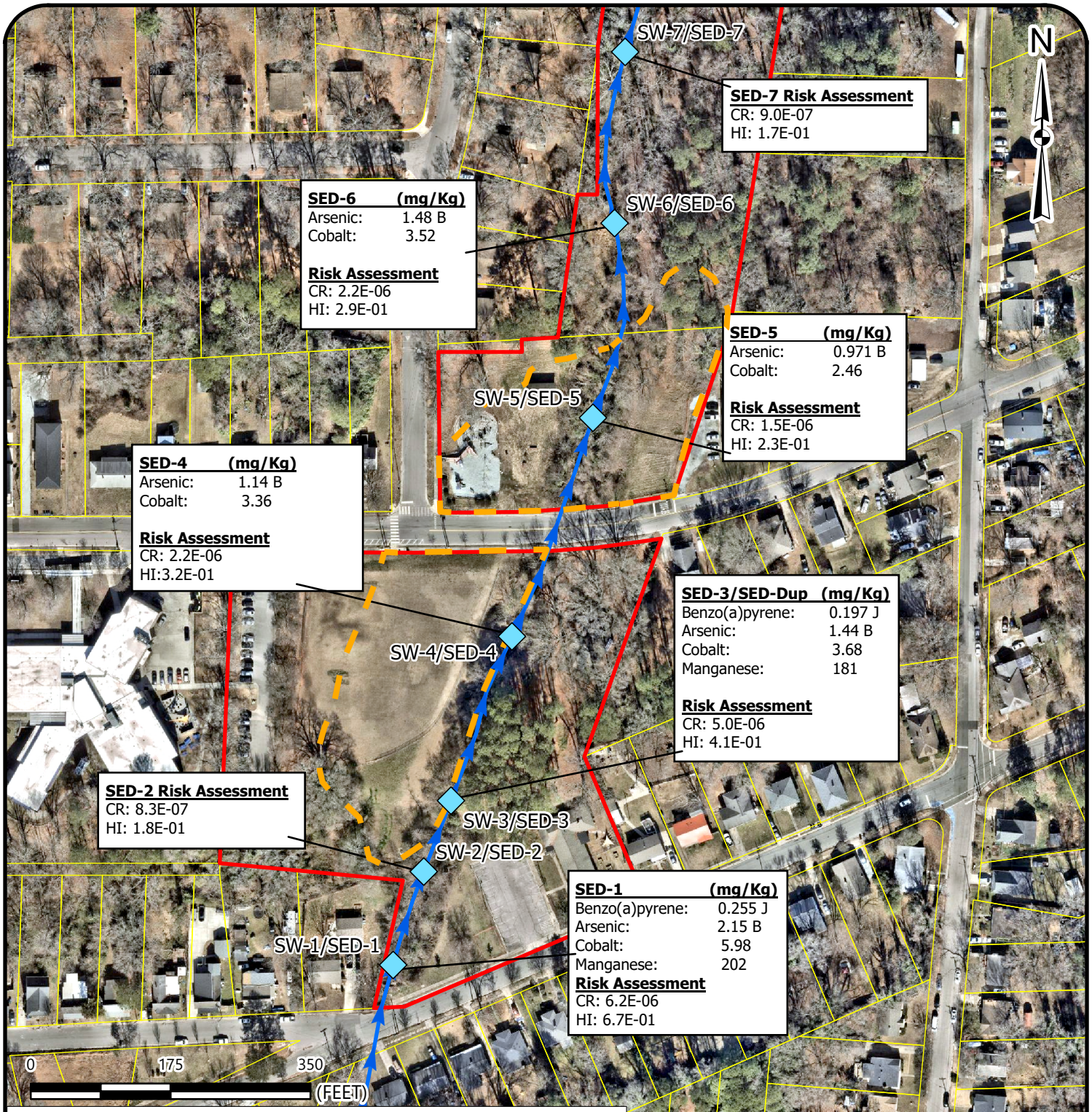
SCALE: 1 in = 175 ft

DATE: 3/12/2026

PROJECT NUMBER 23050630

FIGURE NO. 5

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



NOTES

SEDIMENT SAMPLING WAS CONDUCTED ON DECEMBER 10, 2025. 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-13A
2500 EAST MAIN STREET, DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft

DATE: 3/11/2026

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-13A

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-13A

Field Parameter		Volatile Organic Compounds (ppm-v)	Methane (Volume in Air %)	Methane (% Lower Explosive Limit)	Hydrogen Sulfide (ppm-v)
Sample ID	Screening Date				
BG-1	12/10/2025	0.0	0.0	0.0	0.0
BG-2	12/10/2025	0.0	0.0	0.0	0.0
LFGP-1	12/10/2025	0.0	0.0	0.0	0.0
LFGP-2	12/10/2025	Destroyed			
LFGP-3	12/10/2025	Destroyed			
LFGP-4	12/10/2025	0.0	0.0	0.0	0.0
LFGP-5	12/10/2025	0.0	0.0	0.0	0.0
LFGP-6	12/10/2025	0.0	0.0	0.0	0.0
LFGP-7	12/10/2025	0.0	0.0	0.0	0.0
LFGP-8	12/10/2025	0.0	0.0	0.0	0.0
LFGP-9	12/10/2025	0.0	0.0	0.0	0.0

Notes:

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

PPM-V: Parts Per Million by Volume in Air

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-13A

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-DUP-1
			Date Collected	12/30/2025	12/30/2025	12/30/2025	12/30/2025	12/30/2025	12/30/2025	12/30/2025	12/30/2025	12/30/2025	12/30/2025
EPA Method TO-15	Acetone	67-64-1		**48**	**11 J**	**12 J**	<7.3	<5.4	<5.8	**6.0 J**	**20**	**7.0 J**	**11 J**
	Cyclohexane	110-82-7		<0.91	<0.90	<0.93	<1.1	<0.79	<0.86	<0.85	<0.93	<0.99	**6.3**
	Dichlorodifluoromethane (Freon 12)	75-71-8		**2.1 J**	**2.2 J**	**2.2 J**	<1.6	**2.0 J**	**2.1 J**	**2.1 J**	**2.2 J**	**2.5 J**	**2.0 J**
	Ethanol	64-17-5		**5.6 J**	**5.1 J**	<5.0	<5.8	<4.2	<4.6	<4.6	<5.0	<5.3	**32**
	Hexane	110-54-3		<0.93	<0.92	<0.95	<1.1	<0.81	<0.88	<0.87	<0.95	<1.0	**8.5**
	Methylene chloride	75-09-2		<1.8	**1.9 J**	<1.8	<2.1	<1.5	<1.7	<1.7	<1.8	<1.9	<1.5
	2-Propanol	67-63-0		<2.6	<2.5	<2.6	<3.0	**4.8 J**	**6.2 J**	<2.4	<2.6	<2.8	**8.0**
	Tetrachloroethylene (PCE)	127-18-4		<1.8	<1.8	<1.8	<2.1	**2.4 J**	<1.7	<1.7	<1.8	<2.0	**1.9 J**
	Toluene	108-88-3		<1.9	<1.9	<2.0	<2.3	<1.7	<1.8	<1.8	<2.0	<2.1	**39**
	Trichlorofluoromethane (Freon 11)	75-69-4		<1.5	<1.5	<1.5	<1.8	<1.3	<1.4	<1.4	<1.5	<1.6	**4.8**
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		**0.00017**	**0.00016**	**0.00019**	**0.0013**	<0.000045	**0.00018**	<0.000048	**0.024**	**0.00017**	<0.000044
NCDEQ Risk Calculator	Vapor Intrusion Resident Soil Gas to Indoor Air		Cumulative Carcinogenic Risk	0.0E+00	5.6E-10	0.0E+00	NC	6.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
			Non-Carcinogenic Hazard Quotient	6.0E-04	7.2E-04	6.3E-04	NC	4.1E-03	1.5E-03	6.0E-04	6.3E-04	7.2E-04	
	Vapor Intrusion Non-Residential Worker Soil Gas to Indoor Air		Cumulative Carcinogenic Risk	0.0E+00	1.5E-11	0.0E+00	NC	5.1E-10	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
			Non-Carcinogenic Hazard Quotient	4.8E-05	5.7E-05	5.0E-05	NC	3.2E-04	1.2E-04	4.8E-05	5.0E-05	5.7E-05	

Notes:
Hydrogen sulfide and mercury samples were collected on 12/30/25 and submitted to EMSL for analysis.
µg/m^3: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
NC: Risk Not Calculated due to lack of analyte detections.
821-DUP-1 was taken at 821-LFGP-5.
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-13A

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	12/4/2025	10.42	336.42
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	12/4/2025	10.68	334.13
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	12/4/2025	5.90	348.19
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	12/4/2025	9.70	342.09
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	12/4/2025	6.45	343.43
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	12/4/2025	6.40	345.42
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	12/4/2025	8.91	337.71
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	12/4/2025	5.49	338.13
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	12/4/2025	4.52	334.19

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-13A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	12/4/2025	7.04	16.9	730	8.47
MW-2	12/4/2025	7.47	17.3	780	5.74
MW-3	12/4/2025	7.28	18.0	670	8.88
MW-4	12/4/2025	7.46	15.9	520	7.3
MW-5	12/4/2025	6.88	18.3	490	1.08
MW-6	12/4/2025	6.84	16.9	340	38.9
MW-7	12/4/2025	7.13	16.5	800	10.1
MW-8	12/4/2025	6.99	16.4	900	9.46
MW-9	12/4/2025	7.65	16.1	550	7.75

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-13A

Analytical Method		Method 8270E - Semi Volatile Organic Compounds (SVOCs)		Method 6020B - Metals														Method 9056A	
CAS Number		105-60-2	86-74-8	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	7440-22-4	7440-28-0	7440-62-2	7440-66-6	14797-55-8	14808-79-8
Analyte		Caprolactam	Carbazole	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Silver	Thallium	Vanadium	Zinc	Nitrate as (N)	Sulfate
Sample ID	Date Collected																			
MW-1	12/4/2025	<2.47	<0.329	**4.25 J**	**4.45 J**	**139**	<0.735	<1.19	<18.5	**3.97 J**	<3.21	<4.32	**83.7**	**4.45 J**	**0.333 J**	<0.950	**12.8**	<8.91	**144**	**65700**
MW-2	12/4/2025	**7.71 J**	**2.51 J**	<2.45	**3.32 J**	**508**	**0.635 J**	**0.344 J**	<3.69	**2.69 J**	**1.01 J**	**1.83**	**232**	**3.12 J**	**0.179 J**	**0.411 J B**	**2.50 J**	<8.91	<10	**15700**
MW-3	12/4/2025	<2.41	<0.321	<2.45	**6.83**	**466**	<0.147	<0.237	<3.69	**0.610 J**	**1.24 J**	<0.864	**231**	**2.03 J**	<0.167	<0.190	<1.22	**331**	**15 J**	**9150**
MW-4	12/4/2025	<2.39	<0.319	<2.45	**4.34 J**	**404**	<0.147	<0.237	<3.69	<0.411	<0.642	<0.864	**166**	**1.01 J**	<0.167	<0.190	<1.22	<44.6	**68 J**	**4690 J**
MW-5	12/4/2025	<2.41	<0.321	<2.45	<1.32	**102**	<0.147	<0.237	<3.69	<0.411	<0.642	<0.864	**6.86**	<0.422	<0.167	**0.490 J B**	**13.5**	<8.91	**1460**	**21900**
MW-6	12/4/2025	<2.46	<0.328	<2.45	<1.32	**43.4**	<0.147	<0.237	**10.6**	**1.93 J**	**11.8**	<0.864	**51.7**	**3.90 J**	<0.167	<0.190	**27.0**	<8.91	**1590**	**23000**
MW-7	12/4/2025	<2.40	<0.320	<2.45	<1.32	**332**	<0.147	<0.237	<3.69	**0.492 J**	**2.09**	<0.864	**123**	**1.33 J**	<0.167	<0.190	**4.45 J**	<8.91	**48 J**	**38300**
MW-8	12/4/2025	<2.40	<0.320	<2.45	<1.32	**141**	<0.147	<0.237	<3.69	**1.36 J**	**1.21 J**	<0.864	**1090**	**10.5**	<0.167	<0.190	**7.74**	**104**	**41 J**	**78900**
MW-9	12/4/2025	<2.42	<0.322	<2.45	**8.02**	**350**	<0.147	<0.237	<3.69	**0.468 J**	<0.642	<0.864	**169**	**1.44 J**	<0.167	<0.190	**18.8**	<8.91	**40 J**	**13400**
120425-Dup-1	12/4/2025	**86.7 J**	**2.13 J**	<2.45	**2.05 J**	**538**	<0.147	<0.237	<3.69	**1.01 J**	<0.642	<0.864	**225**	**1.28 J**	<0.167	<0.190	**1.76 J**	<8.91	**36 J**	**15900**
15A NCAC 2L Groundwater Standards and IMACs		4,000	NE	1	10	700	4	2	10	1	1,000	15	50	100	20	2	7	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: The reported result is an estimated value.
B: Compound was found in the blank and sample.
120425-DUP-1 was taken at MW-2.

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-13A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)			Method 6020B - Metals									Method 350.1	Method 353.2	Method 9056A	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		67-64-1	75-27-4	67-66-3	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	7664-41-7	14797-65-0	14808-79-8		
Analyte		Acetone	Bromodichloromethane	Chloroform	Barium	Cobalt	Copper	Lead	Manganese	Nickel	Thallium	Vanadium	Zinc	Ammonia Nitrogen	Nitrite as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																	
SW-1	12/10/2025	**4.30 J**	<0.222	**0.480 J**	**38.3**	<0.411	**2.09**	<0.864	**59.4**	**1.66 J**	<0.190	<1.22	**11.1**	**21 J**	<16.8	**31900 F1**	1.6E-08	2.5E-02
SW-2	12/10/2025	<4.04	<0.222	**0.506 J**	**38.4**	<0.411	**2.36**	<0.864	**41.4**	**1.76 J**	<0.190	<1.22	**13.5**	**401**	**19.7**	**31900**	1.7E-08	1.9E-02
SW-3	12/10/2025	**5.73 J**	**0.988 J**	**3.53**	**40.9**	**0.550 J**	**4.01**	**2.94**	**41.8**	**1.57 J**	**0.606 J B**	**3.56 J**	**49.9**	**246**	**66.5 J**	**30900**	1.7E-07	2.9E-01
SW-4	12/10/2025	**4.33 J**	**0.841 J**	**2.84**	**39.3**	<0.411	**3.83**	**2.89**	**37.5**	**1.42 J**	<0.190	**3.21 J**	**45.3**	**218**	**57.2 J**	**29000**	1.4E-07	2.9E-02
SW-5	12/10/2025	**4.35 J**	**0.704 J**	**2.41**	**34.7**	<0.411	**4.06**	**2.79**	**38.3**	**1.66 J**	<0.190	**2.73 J**	**37.7**	**189**	**48.4 J**	**28200**	1.2E-07	2.8E-02
SW-6	12/10/2025	<4.04	**0.557 J**	**1.71**	**32.5**	<0.411	**3.41**	**2.63**	**21.3**	**1.02 J**	**0.463 J B**	**2.30 J**	**24.0**	**152**	**37.4 J**	**25400**	8.8E-08	2.1E-01
SW-7	12/10/2025	<4.04	**0.476 J**	**1.64**	**34.1**	<0.411	**3.63**	**2.79**	**19.2**	**1.02 J**	<0.190	**2.58 J**	**23.7**	**137**	**37.2 J**	**24600**	8.1E-08	1.8E-02
SW-Dup	12/10/2025	**4.60 J**	**0.879 J**	**3.43**	**35.1**	<0.411	**4.84**	**3.11**	**46.3**	**1.26 J**	<0.190	**2.52 J**	**50.9**	**471**	**67.0 J**	**30500**	See SW-3 Risk Calculations	
15A NCAC 2B Surface Water Standards		NE	NE	NE	1000	NE	2.7	0.54	NE	16	NE	NE	36	NE	10,000	250,000		

Notes:

µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
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 method detection limit.
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-3.

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-13A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)						Method 8270E Semi Volatile Organic Compounds (SVOCs)																	
CAS Number		67-64-1	74-88-4	99-87-6	78-93-3	108-10-1	108-88-3	91-57-6	120-12-7	100-52-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	85-68-7	105-60-2	218-01-9	117-81-7	206-44-0	193-39-5	85-01-8	129-00-0	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9
Analyte		Acetone	Iodomethane	4-Isopropyltoluene	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Toluene	2-Methylnaphthalene	Anthracene	Benzaldehyde	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butyl benzyl phthalate	Caprolactam	Chrysene	Di(2-ethylhexyl) phthalate	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	Antimony	Arsenic	Barium	Beryllium	Cadmium
Sample ID	Date Collected																										
SED-1	12/10/2025	**0.326**	**0.00615 J**	<0.00511	**0.0126 J**	**0.00508 J**	<0.00147	**0.0511 J**	**0.0516 J**	**0.0817 J**	**0.241 J**	**0.255 J**	**0.426 J**	**0.237 J**	**0.147 J**	**0.0524 J**	**0.187 J *+**	**0.314 J**	**0.259 J**	**0.525**	**0.209 J**	**0.241 J**	**0.477 J**	**0.360 J F1 F2**	**2.15 B**	**58.6**	**0.283 J**	**0.280 J**
SED-2	12/10/2025	**0.109 J**	<0.00218	<0.00388	**0.00634 J**	<0.00372	<0.00112	<0.0431	<0.0431	<0.0431	<0.0431	<0.0431	**0.0241 J**	<0.0431	<0.0431	<0.0431	**0.151 J *+**	<0.0431	<0.130	<0.0431	<0.0431	<0.0431	<0.0431	<0.160	**0.549 B**	**12.7**	**0.0663 J**	**0.0544 J**
SED-3	12/10/2025	**0.103 J**	<0.00212	<0.00378	<0.00618	<0.00362	**0.00170 J**	<0.0434	<0.0434	<0.0434	**0.207 J**	**0.197 J**	**0.314 J**	**0.212 J**	**0.109 J**	<0.0434	**0.0710 J *+**	**0.279 J**	**0.206 J**	**0.566**	**0.173 J**	**0.411 J**	**0.557**	**0.429 J**	**1.35 B**	**36.7**	**0.134 J**	**0.137 J**
SED-4	12/10/2025	**0.354**	<0.00341	**0.0160**	**0.0246 J**	<0.00581	**0.00282 J**	<0.0427	<0.0427	<0.0427	<0.0427	<0.0427	**0.0667 J**	**0.0466 J**	<0.0427	<0.0427	<0.0427 *+	**0.0575 J**	<0.129	**0.0748 J**	<0.0427	<0.0427	**0.0723 J**	**0.238 J**	**1.14 B**	**24.9**	**0.116 J**	**0.125 J**
SED-5	12/10/2025	**0.0587 J**	<0.00222	<0.00396	<0.00647	<0.00379	<0.00114	<0.0435	<0.0435	<0.0435	<0.0435	<0.0435	**0.0628 J**	**0.0453 J**	<0.0435	<0.0435	<0.0435 *+	**0.0605 J**	<0.132	**0.116 J**	<0.0435	**0.0862 J**	**0.101 J**	<0.185	**0.971 B**	**17.5**	**0.0925 J**	**0.0606 J**
SED-6	12/10/2025	<1.76 F1	<0.152 F1	<0.271 F1	<0.443 F1	<0.260 F1	<0.0783 F1	<0.0429	<0.0429	<0.0429	<0.0429	<0.0429	**0.0502 J**	<0.0429	<0.0429	<0.0429	**0.0588 J *+**	<0.0429	<0.130	**0.0720 J**	<0.0429	<0.0429	**0.0584 J**	<0.211	**1.48 B**	**46.5**	**0.130 J**	**0.100 J**
SED-7	12/10/2025	**0.0636 J**	<0.00226	<0.00402	**0.00852 J**	<0.00385	<0.00116	<0.0427	<0.0427	<0.0427	<0.0427	<0.0427	**0.0488 J**	<0.0427	<0.0427	<0.0427	<0.0427 *+	**0.0479 J**	<0.129	**0.0440 J**	<0.0427	<0.0427	<0.0427	<0.195	**0.578 B**	**13.3**	**0.0585 J**	**0.0365 J**
SED-Dup	12/10/2025	**0.293**	<0.00229	<0.00407	**0.0152 J**	<0.00391	<0.00118	<0.0466	<0.0466	<0.0466	**0.0822 J**	**0.0933 J**	**0.152 J**	**0.115 J**	**0.0608 J**	**0.0572 J F1**	<0.0466	**0.123 J**	<0.141 F1	**0.198 J**	**0.0953 J**	**0.112 J**	**0.192 J**	**0.337 J**	**1.44 B**	**37.0**	**0.150 J**	**0.144 J**
EPA Resident Soil Screening Levels (RSLs)		7,000	NE	17	2700	3300	490	24	1800	170	1.1	0.11	1.1	NE	11	290	3100	110	39	240	1.1	NE	180	3.1	0.68	1,500	16	0.71

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.
F1 (Metals): MS and/ or MSD recovery exceeds control limits.
F2: MS/MDS RPD 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-3.

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-13A

Analytical Method		Method 6020B - Metals											General Chem.	Method 7471B	Method 350.1	Method 9056A	Method 9056A	NCDEQ Risk Calculator					
CAS Number		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	18540-29-9	7439-97-6	7664-41-7	14797-55-8	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Hexavalent Chromium (Cr VI)	Mercury	Ammonia Nitrogen	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																						
SED-1	12/10/2025	**13.1 F1**	**5.98**	**41.2**	**55.6**	**202**	**20.2 F1**	**0.259 J**	**0.0877 J**	**0.0610 J**	**21.6 F1 F2 B**	**151**	<0.279 F1 F2	**0.0271 J**	**2.30**	**3.59 J**	**135**	6.2E-06	6.7E-01	8.8E-07	4.6E-02	2.6E-06	2.8E-01
SED-2	12/10/2025	**3.91**	**2.14**	**13.5**	**13.4**	**65.4**	**7.93**	<0.124	**0.0215 J**	<0.0295	**8.06 B**	**40.6**	<0.119	<0.0176	<0.423	**1.37 J**	**15.3**	8.3E-07	1.8E-01	1.8E-07	1.2E-02	3.6E-07	7.8E-02
SED-3	12/10/2025	**7.47**	**3.46**	**28.7**	**35.7**	**177**	**14.2**	<0.130	**0.0654 J**	<0.0310	**12.1 B**	**102**	**0.512 J**	<0.0178	<0.429	**1.43 J**	**13.7**	5.0E-06	4.1E-01	6.3E-07	2.8E-02	2.1E-06	1.8E-01
SED-4	12/10/2025	**5.97**	**3.36**	**17.9**	**29.0**	**120**	**12.5**	<0.139	**0.242**	<0.0329	**11.8 B**	**72.1**	**0.456 J**	<0.0186	<0.410	**1.47 J**	**29.1**	2.2E-06	3.2E-01	4.1E-07	2.2E-02	9.5E-07	1.4E-01
SED-5	12/10/2025	**3.59**	**2.46**	**10.0**	**26.4**	**106**	**5.50**	**0.259 J**	**0.0400 J**	<0.0341	**7.55 B**	**46.9**	<0.130	<0.0185	<0.441 F1	**1.29 J**	**23.4**	1.5E-06	2.3E-01	3.3E-07	1.5E-02	6.4E-07	9.8E-02
SED-6	12/10/2025	**5.27**	**3.52**	**12.4**	**22.7**	**81.4**	**10.2**	<0.164	**0.0196 J**	<0.0389	**9.57 B**	**66.1**	<0.131	<0.0179	<0.426	**1.17 J**	<13.2	2.2E-06	2.9E-01	5.0E-07	2.0E-02	9.6E-07	1.2E-01
SED-7	12/10/2025	**5.84**	**1.97**	**9.25**	**17.2**	**64.4**	**6.69**	<0.152	**0.0162 J**	<0.0360	**6.85 B**	**41.5**	<0.125	<0.0188	<0.414	**1.12 J**	<13.0	9.0E-07	1.7E-01	2.0E-07	1.1E-02	3.8E-07	7.2E-02
SED-Dup	12/10/2025	**10.8**	**3.68**	**27.9**	**36.0**	**181**	**15.3**	<0.165	**0.0884 J**	<0.0391	**13.3 B**	**116**	**0.143 J**	<0.0194	<0.461	**1.47 J**	**45.7**	See SED-3 Risk Calculator					
EPA Resident Soil Screening Levels (RSLs)		12,000	2.3	310	200	180	140	39	39	0.078	39	2300	0.95	0.71	NE	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.

J: Result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value.
F1 (Metals): MS and/ or MSD recovery exceeds control limits.
F2: MS/MDS RPD 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].

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-13A

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:	**East Durham Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**			
NCDEQ ID No.:	**NONCD0000821**	Date:	12/10/2025	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-13**	S&ME Personnel:	BG & CF	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	10:10	0.0		0.0		0.2	20.7	0			
LFGP-2											
LFGP-3											
LFGP-4	10:02	0.0		0.0		0.2	18.8	0			
LFGP-5	10:00	0.0		0.0		5.5	15.9	0			
LFGP-6	09:55	0.0		0.0		8.7	11.8	0			
LFGP-7	09:50	0.0		0.0		0.2	19.8	0			
LFGP-8	09:40	0.0		0.0		0.2	19.1	0			
LFGP-9	10:05	0.0		0.0		0.1	20.8	0			

Name	**Signature**	**Date**	**Notes:**
(1) Clay Faircloth		12/10/2025	**LFGP-2 and LFGP-3 are implants and are destroyed**

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	East Durham Park		
Project Number:	23050630		
Location:	Durham NC	**Date:**	30-Dec
Weather:	Sunny	**Air Temp (°F):**	30
Helium Detector Serial No.:		**Calibration Date:**	30-Dec

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	6L1981	6L4013	6L1606	6L3085	6L0062
Regulator ID	24540	23935	23929	23735	26791
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 (%)	15.6	16.2			
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information

Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	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	11:08	11:15	12:33	11:10	11:25
Initial Vacuum (inHg)	30	30	30	29	29
End Time	12:01	12:28	13:35	12:18	12:25
Final Vacuum (inHg)	2	12	10	7	6
Approximate Total Time (min)	53	73	62	68	60
Sample Analysis					

Sampler Information

Sampled by: Madison Allen Sampler Signature: Date: 3/12/2026

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:	23050630		
Location:	Durham, NC	**Date:**	30-Dec
Weather:	Sunny	**Air Temp (°F):**	30
Helium Detector Serial No.:		**Calibration Date:**	30-Dec

Sample Information					
Sample Type					
Sample ID	821-LFGP-5	821-DUP-1 (LFGP-5)	821-LFGP-6	821-LFGP-7	821-LFGP-8
Canister ID	6L3550	6L4056	6L3745	6L3613	6L3010
Regulator ID	23642	25253	24252	23823	24845
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 (%)	14.4	14.4	14.2	14	15.1
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		6	5		5	5	10	5	5		5
Sand Pack Interval Depth (in-bgs)	4	to	10	4	to	10	4	to	9	5	to	10	5	to	10
Total Well Depth (in-bgs)	10			10			9			10			9		
Volume (mL)	857			857			741			749			741		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	12.9			12.9			11.1			11.2			11.1		
Actual Purge Time (min)	13.0			13.0			11.0			11.0			11.0		

Sample Collection					
Start Time	09:51	09:51	10:03	10:17	10:32
Initial Vacuum (inHg)	28	26	28	26	30
End Time	10:54	10:54	11:04	11:19	11:54
Final Vacuum (inHg)	6	6	8	7	8
Approximate Total Time (min)	63	63	61	62	82
Sample Analysis					

Sampler Information

Sampled by: Madison Allen Sampler Signature: Madison Allen Date: 3/12/2026

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-5

Revision Date: 9/1/17 14:50

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-1
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1045
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 10.85 feet
Depth to well bottom from measuring point: feet
Height of water column: -10.85 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -10.85 x .163 = -1.76855 Gallons -6.7 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
10:30	12/4/25	16.70	7.10	0.73	10.69			
10:35	12/4/25	16.80	7.06	0.73	8.71			
10:40	12/4/25	16.90	7.04	0.73	8.47			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.3%	0.0%	2.8%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-2
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1045
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 10.68 feet
Depth to well bottom from measuring point: feet
Height of water column: -10.68 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -10.68 x .163 = -1.74084 Gallons -6.6 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1030	12/4/25	16.70	7.67	0.78	8.64			
1035	12/4/25	17.20	7.48	0.79	2.86			
1040	12/4/25	17.30	7.47	0.78	5.74			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.1%	1.3%	100.7%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments **Sample 120425-DUP-1 collected from this well.**

Sampler Signature: E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-3
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1155
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 5.90 feet
Depth to well bottom from measuring point: feet
Height of water column: -5.90 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -5.9 x .163 = -0.9617 Gallons -3.6 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1140	12/4/25	18.50	7.35	0.68	16.90			
1145	12/4/25	18.00	7.29	0.67	15.91			
1150	12/4/25	18.00	7.28	0.67	8.88			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	0.1%	0.0%	44.2%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature: E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-4
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1240
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 9.70 feet
Depth to well bottom from measuring point: feet
Height of water column: -9.70 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -9.7 x .163 = -1.5811 Gallons -6.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1225	12/4/25	15.60	7.60	0.52	9.55			
1230	12/4/25	15.70	7.59	0.52	7.49			
1235	12/4/25	15.90	7.46	0.52	7.30			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
1.3%	1.7%	0.0%	2.5%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature: E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-5
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1355
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 6.45 feet
Depth to well bottom from measuring point: feet
Height of water column: -6.45 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -6.45 x .163 = -1.05135 Gallons -4.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1340	12/4/25	17.90	7.01	0.49	0.10			
1345	12/4/25	18.20	6.85	0.49	0.50			
1350	12/4/25	18.30	6.88	0.49	1.08			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.5%	0.4%	0.0%	116.0%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature: E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-6
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1500
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 6.40 feet
Depth to well bottom from measuring point: feet
Height of water column: -6.40 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -6.4 x .163 = -1.0432 Gallons -3.9 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1430	12/4/25	16.90	6.94	0.34	157.70			
1435	12/4/25	17.10	6.69	0.34	140.70			
1440	12/4/25	17.00	6.73	0.34	96.00			
1445	12/4/25	16.90	6.75	0.34	40.71			
1450	12/4/25	17.00	6.74	0.34	39.49			
1455	12/4/25	16.90	6.84	0.34	38.90			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.6%	0.0%	31.8%	#DIV/0!
0.6%	0.3%	0.0%	57.6%	#DIV/0!
0.6%	0.1%	0.0%	3.0%	#DIV/0!
0.6%	1.5%	0.0%	1.5%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature: E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-7
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1405
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 8.91 feet
Depth to well bottom from measuring point: feet
Height of water column: -8.91 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -8.91 x .163 = -1.45233 Gallons -5.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1340	12/4/25	15.90	7.23	0.80	78.20			
1345	12/4/25	16.30	7.16	0.80	49.70			
1350	12/4/25	16.40	7.14	0.80	12.30			
1355	12/4/25	16.50	7.13	0.8	10.10			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.3%	0.0%	75.3%	#DIV/0!
0.6%	0.1%	1.3%	17.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature: E Porter

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-8
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1305
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 5.49 feet
Depth to well bottom from measuring point: feet
Height of water column: -5.49 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -5.49 x .163 = -0.89487 Gallons -3.4 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1245	12/4/25	16.30	6.92	0.88	9.03			
1250	12/4/25	16.60	688.00	0.88	12.30			
1255	12/4/25	16.20	7.03	0.89	11.70			
1300	12/4/25	16.40	6.99	0.9	9.46			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
2.4%	99.0%	1.1%	4.9%	#DIV/0!
1.2%	0.6%	2.2%	19.1%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature:

GROUNDWATER SAMPLING FIELD DATA

Location: East Durham Park
Project No.:
Source Well: MW-9
Locked?: Yes: x No:
Sampled By: Chase Porter and Melanie Juarez

Purge Date: Thursday, December 4, 2025
Purge Time:
Sample Date: Thursday, December 4, 2025
Sample Time: 1210
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.52 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.52 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -4.52 x .163 = -0.73676 Gallons -2.8 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1140	12/4/25	15.90	7.50	0.61	413.00			
1145	12/4/25	15.50	7.15	0.60	505.00			
1150	12/4/25	16.20	7.54	0.56	40.30			
1155	12/4/25	16.30	7.64	0.55	24.60			
1200	12/4/25	16.20	7.65	0.55	20.20			
1205	12/4/25	16.10	7.65	0.55	7.75			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
4.5%	5.5%	6.7%	92.0%	#DIV/0!
0.6%	1.3%	1.8%	39.0%	#DIV/0!
0.6%	0.1%	0.0%	17.9%	#DIV/0!
0.6%	0.0%	0.0%	61.6%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signature: E Porter

Environmental Field Report

Date:	Project Number:
12/11/25	23050630
Project Name:	**Weather/Temperature:**
Durham Parks	Clear, 30s
Project Location:	
East Durham Park	
Notes By:	**Present at the Site:**
☒	Chase Porter (S&ME)
☐	Mekonnen Awoyo

Equipment Used
PPE
Turbidity meter
Stick meter
Dipper poles
Fieldmaps App

0830 - Arrived on site. Scouted the park area.

0835 - Calibrate stick meter and turbidity meter.

0850 - Meet Banton, switch gear

0925-1314 - Collect surface water and sediment samples at designated sample locations. See the table below for sampling times, data, and information. In the event of a deviation from the designated sample location, I log a GPS point in Fieldmaps.

Sample Time	Sediment ID	Surface Water ID	pH	SPC (mS/cm)	Temperature (C)	Turbidity (NTU)	Relative Flow
0925	SED-7	SW-7	8.59	0.22	6.7	34.1	Low
1025	SED-6	SW-6	7.89	0.21	7.5	31.4	Med
1100	SED-5	SW-5	7.95	0.21	8.7	40.4	med
1125	SED-4	SW-4	7.86	0.20	9.2	34.7	Low
(SED- & SW-) DUP → 1205	SED-3	SW-3	7.80	0.21	10.7	43.6	Low
1250	SED-2	SW-2	7.66	0.31	6.6	4.67	Low
1315	SED-1	SW-1	7.79	0.31	8.3	4.81	Low

1320 -Off site, headed ~~to lab~~: Lyon Park

Hours	Mileage	Signature of S&ME Personnel
4	7	[signature]

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 1/27/2026 7:50:48 PM

JOB DESCRIPTION

Durham Parks
65000581

JOB NUMBER

650-3330-1

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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1/27/2026 7:50:48 PM

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

Table of Contents

Definitions/Glossary

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

Job ID: 650-3330-1
SDG: 65000581

Qualifiers

Air - GC/MS VOA

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

Glossary

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

Job Narrative
650-3330-1

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

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

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

Receipt Exceptions
Sample collection date was incomplete on the Chain of Custody for samples 821-LFGP-9, 821-LFGP-4, 821-LFGP-2, 821-LFGP-3, 821-LFGP-1, 821-LFGP-5, 821-DUP-1, 821-LFGP-6, 821-LFGP-7, and 821-LFGP-8. The year of collection was assumed to be 2025.

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
Project/Site: Durham Parks

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-9 — Lab Sample ID: 650-3330-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J	20	6.7	ug/m3	1.694		TO-15	Total/NA
Freon 12	2.5	J	4.2	1.4	ug/m3	1.694		TO-15	Total/NA
Methane	0.00017		0.00017	0.000056	% v/v	1.694		D1946	Total/NA

Client Sample ID: 821-LFGP-4 — Lab Sample ID: 650-3330-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.0013		0.00018	0.000061	% v/v	1.844		D1946	Total/NA

Client Sample ID: 821-LFGP-2 — Lab Sample ID: 650-3330-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	18	6.1	ug/m3	1.537		TO-15	Total/NA
Ethanol	5.1	J	14	4.8	ug/m3	1.537		TO-15	Total/NA
Freon 12	2.2	J	3.8	1.3	ug/m3	1.537		TO-15	Total/NA
Methylene Chloride	1.9	J	5.3	1.8	ug/m3	1.537		TO-15	Total/NA
Methane	0.00016		0.00015	0.000051	% v/v	1.537		D1946	Total/NA

Client Sample ID: 821-LFGP-3 — Lab Sample ID: 650-3330-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	J	19	6.3	ug/m3	1.581		TO-15	Total/NA
Freon 12	2.2	J	3.9	1.3	ug/m3	1.581		TO-15	Total/NA
Methane	0.00019		0.00016	0.000052	% v/v	1.581		D1946	Total/NA

Client Sample ID: 821-LFGP-1 — Lab Sample ID: 650-3330-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	48		18	6.2	ug/m3	1.551		TO-15	Total/NA
Ethanol	5.6	J	15	4.9	ug/m3	1.551		TO-15	Total/NA
Freon 12	2.1	J	3.8	1.3	ug/m3	1.551		TO-15	Total/NA
Methane	0.00017		0.00016	0.000051	% v/v	1.551		D1946	Total/NA

Client Sample ID: 821-LFGP-5 — Lab Sample ID: 650-3330-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	4.8	J	6.6	2.2	ug/m3	1.349		TO-15	Total/NA
Freon 12	2.0	J	3.3	1.1	ug/m3	1.349		TO-15	Total/NA
Tetrachloroethene	2.4	J	4.6	1.6	ug/m3	1.349		TO-15	Total/NA

Client Sample ID: 821-DUP-1 — Lab Sample ID: 650-3330-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	8.0		6.5	2.2	ug/m3	1.328		TO-15	Total/NA
Acetone	11	J	16	5.3	ug/m3	1.328		TO-15	Total/NA
Cyclohexane	6.3		2.3	0.78	ug/m3	1.328		TO-15	Total/NA
Ethanol	32		13	4.2	ug/m3	1.328		TO-15	Total/NA
Freon 11	4.8		3.7	1.3	ug/m3	1.328		TO-15	Total/NA
Freon 12	2.0	J	3.3	1.1	ug/m3	1.328		TO-15	Total/NA
Hexane	8.5		2.3	0.80	ug/m3	1.328		TO-15	Total/NA
Tetrachloroethene	1.9	J	4.5	1.5	ug/m3	1.328		TO-15	Total/NA
Toluene	39		5.0	1.7	ug/m3	1.328		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-6 — Lab Sample ID: 650-3330-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	6.2	J	7.2	2.4	ug/m3	1.469		TO-15	Total/NA
Freon 12	2.1	J	3.6	1.2	ug/m3	1.469		TO-15	Total/NA
Methane	0.00018		0.00015	0.000048	% v/v	1.469		D1946	Total/NA

Client Sample ID: 821-LFGP-7 — Lab Sample ID: 650-3330-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0	J	17	5.8	ug/m3	1.46		TO-15	Total/NA
Freon 12	2.1	J	3.6	1.2	ug/m3	1.46		TO-15	Total/NA

Client Sample ID: 821-LFGP-8 — Lab Sample ID: 650-3330-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20		19	6.3	ug/m3	1.581		TO-15	Total/NA
Freon 12	2.2	J	3.9	1.3	ug/m3	1.581		TO-15	Total/NA
Methane	0.024		0.00016	0.000052	% v/v	1.581		D1946	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-9

Date Collected: 12/30/25 12:01
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	1.6	ug/m3			01/20/26 14:48	1.694
1,1,2,2-Tetrachloroethane	ND		5.8	2.0	ug/m3			01/20/26 14:48	1.694
1,1,2-Trichloroethane	ND		4.6	1.6	ug/m3			01/20/26 14:48	1.694
1,1-Dichloroethane	ND		3.4	1.2	ug/m3			01/20/26 14:48	1.694
1,1-Dichloroethene	ND		3.4	1.1	ug/m3			01/20/26 14:48	1.694
1,2,4-Trichlorobenzene	ND		25	8.4	ug/m3			01/20/26 14:48	1.694
1,2,4-Trimethylbenzene	ND		4.2	1.4	ug/m3			01/20/26 14:48	1.694
1,2-Dibromoethane (EDB)	ND		6.5	2.2	ug/m3			01/20/26 14:48	1.694
1,2-Dichlorobenzene	ND		5.1	1.7	ug/m3			01/20/26 14:48	1.694
1,2-Dichloroethane	ND		3.4	1.2	ug/m3			01/20/26 14:48	1.694
1,2-Dichloropropane	ND		3.9	1.3	ug/m3			01/20/26 14:48	1.694
1,3,5-Trimethylbenzene	ND		4.2	1.4	ug/m3			01/20/26 14:48	1.694
1,3-Butadiene	ND		1.9	0.64	ug/m3			01/20/26 14:48	1.694
1,3-Dichlorobenzene	ND		5.1	1.7	ug/m3			01/20/26 14:48	1.694
1,4-Dichlorobenzene	ND		5.1	1.7	ug/m3			01/20/26 14:48	1.694
1,4-Dioxane	ND		6.1	2.0	ug/m3			01/20/26 14:48	1.694
2,2,4-Trimethylpentane	ND		4.0	1.3	ug/m3			01/20/26 14:48	1.694
2-Butanone (MEK)	ND		10	3.3	ug/m3			01/20/26 14:48	1.694
2-Hexanone	ND		14	4.7	ug/m3			01/20/26 14:48	1.694
2-Propanol	ND		8.3	2.8	ug/m3			01/20/26 14:48	1.694
3-Chloropropene	ND		2.7	0.90	ug/m3			01/20/26 14:48	1.694
4-Ethyltoluene	ND		4.2	1.4	ug/m3			01/20/26 14:48	1.694
4-Methyl-2-pentanone (MIBK)	ND		3.5	1.2	ug/m3			01/20/26 14:48	1.694
Acetone	**7.0**	**J**	20	6.7	ug/m3			01/20/26 14:48	1.694
alpha-Chlorotoluene	ND		4.4	1.5	ug/m3			01/20/26 14:48	1.694
Benzene	ND		2.7	0.92	ug/m3			01/20/26 14:48	1.694
Bromodichloromethane	ND		5.7	1.9	ug/m3			01/20/26 14:48	1.694
Bromoform	ND		8.8	3.0	ug/m3			01/20/26 14:48	1.694
Bromomethane	ND		6.6	2.2	ug/m3			01/20/26 14:48	1.694
Carbon disulfide	ND		11	3.5	ug/m3			01/20/26 14:48	1.694
Carbon tetrachloride	ND		5.3	1.8	ug/m3			01/20/26 14:48	1.694
Chlorobenzene	ND		3.9	1.3	ug/m3			01/20/26 14:48	1.694
Chloroethane	ND		8.9	3.0	ug/m3			01/20/26 14:48	1.694
Chloroform	ND		4.1	1.4	ug/m3			01/20/26 14:48	1.694
Chloromethane	ND		17	5.8	ug/m3			01/20/26 14:48	1.694
cis-1,2-Dichloroethene	ND		3.4	1.1	ug/m3			01/20/26 14:48	1.694
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/20/26 14:48	1.694
Cumene	ND		4.2	1.4	ug/m3			01/20/26 14:48	1.694
Cyclohexane	ND		2.9	0.99	ug/m3			01/20/26 14:48	1.694
Dibromochloromethane	ND		7.2	2.5	ug/m3			01/20/26 14:48	1.694
Ethanol	ND		16	5.3	ug/m3			01/20/26 14:48	1.694
Ethylbenzene	ND		3.7	1.3	ug/m3			01/20/26 14:48	1.694
Freon 11	ND		4.8	1.6	ug/m3			01/20/26 14:48	1.694
Freon 113	ND		6.5	2.2	ug/m3			01/20/26 14:48	1.694
Freon 12	**2.5**	**J**	4.2	1.4	ug/m3			01/20/26 14:48	1.694
Freon-114	ND		5.9	2.0	ug/m3			01/20/26 14:48	1.694
Heptane	ND		3.5	1.2	ug/m3			01/20/26 14:48	1.694
Hexachlorobutadiene	ND		36	12	ug/m3			01/20/26 14:48	1.694

Client Sample ID: 821-LFGP-9

Lab Sample ID: 650-3330-1

Date Collected: 12/30/25 12:01
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		3.0	1.0	ug/m3			01/20/26 14:48	1.694
m,p-Xylenes	ND		7.4	2.4	ug/m3			01/20/26 14:48	1.694
Methyl tert-butyl ether	ND		12	4.1	ug/m3			01/20/26 14:48	1.694
Methylene Chloride	ND		5.9	1.9	ug/m3			01/20/26 14:48	1.694
Naphthalene	ND		8.9	1.5	ug/m3			01/20/26 14:48	1.694
o-Xylene	ND		3.7	1.3	ug/m3			01/20/26 14:48	1.694
Propylbenzene	ND		4.2	1.4	ug/m3			01/20/26 14:48	1.694
Styrene	ND		3.6	1.2	ug/m3			01/20/26 14:48	1.694
Tetrachloroethene	ND		5.7	2.0	ug/m3			01/20/26 14:48	1.694
Tetrahydrofuran	ND		2.5	0.85	ug/m3			01/20/26 14:48	1.694
Toluene	ND		6.4	2.1	ug/m3			01/20/26 14:48	1.694
trans-1,2-Dichloroethene	ND		3.4	1.1	ug/m3			01/20/26 14:48	1.694
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/20/26 14:48	1.694
Trichloroethene	ND		4.6	1.5	ug/m3			01/20/26 14:48	1.694
Vinyl chloride	ND		2.2	0.74	ug/m3			01/20/26 14:48	1.694

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/20/26 14:48*	*1.694*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 14:48*	*1.694*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/20/26 14:48*	*1.694*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00017**		0.00017	0.000056	% v/v			01/15/26 10:42	1.694

Client Sample ID: 821-LFGP-4

Lab Sample ID: 650-3330-2

Date Collected: 12/30/25 12:28
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.7	ug/m3			01/20/26 15:16	1.844
1,1,2,2-Tetrachloroethane	ND		6.3	2.2	ug/m3			01/20/26 15:16	1.844
1,1,2-Trichloroethane	ND		5.0	1.7	ug/m3			01/20/26 15:16	1.844
1,1-Dichloroethane	ND		3.7	1.3	ug/m3			01/20/26 15:16	1.844
1,1-Dichloroethene	ND		3.7	1.2	ug/m3			01/20/26 15:16	1.844
1,2,4-Trichlorobenzene	ND		27	9.2	ug/m3			01/20/26 15:16	1.844
1,2,4-Trimethylbenzene	ND		4.5	1.5	ug/m3			01/20/26 15:16	1.844
1,2-Dibromoethane (EDB)	ND		7.1	2.4	ug/m3			01/20/26 15:16	1.844
1,2-Dichlorobenzene	ND		5.5	1.9	ug/m3			01/20/26 15:16	1.844
1,2-Dichloroethane	ND		3.7	1.3	ug/m3			01/20/26 15:16	1.844
1,2-Dichloropropane	ND		4.3	1.4	ug/m3			01/20/26 15:16	1.844
1,3,5-Trimethylbenzene	ND		4.5	1.5	ug/m3			01/20/26 15:16	1.844
1,3-Butadiene	ND		2.0	0.69	ug/m3			01/20/26 15:16	1.844
1,3-Dichlorobenzene	ND		5.5	1.9	ug/m3			01/20/26 15:16	1.844
1,4-Dichlorobenzene	ND		5.5	1.9	ug/m3			01/20/26 15:16	1.844
1,4-Dioxane	ND		6.6	2.2	ug/m3			01/20/26 15:16	1.844
2,2,4-Trimethylpentane	ND		4.3	1.5	ug/m3			01/20/26 15:16	1.844

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-4
Date Collected: 12/30/25 12:28
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		11	3.6	ug/m3			01/20/26 15:16	1.844
2-Hexanone	ND		15	5.1	ug/m3			01/20/26 15:16	1.844
2-Propanol	ND		9.1	3.0	ug/m3			01/20/26 15:16	1.844
3-Chloropropene	ND		2.9	0.98	ug/m3			01/20/26 15:16	1.844
4-Ethyltoluene	ND		4.5	1.5	ug/m3			01/20/26 15:16	1.844
4-Methyl-2-pentanone (MIBK)	ND		3.8	1.3	ug/m3			01/20/26 15:16	1.844
Acetone	ND		22	7.3	ug/m3			01/20/26 15:16	1.844
alpha-Chlorotoluene	ND		4.8	1.6	ug/m3			01/20/26 15:16	1.844
Benzene	ND		2.9	1.0	ug/m3			01/20/26 15:16	1.844
Bromodichloromethane	ND		6.2	2.1	ug/m3			01/20/26 15:16	1.844
Bromoform	ND		9.5	3.2	ug/m3			01/20/26 15:16	1.844
Bromomethane	ND		7.2	2.4	ug/m3			01/20/26 15:16	1.844
Carbon disulfide	ND		11	3.8	ug/m3			01/20/26 15:16	1.844
Carbon tetrachloride	ND		5.8	2.0	ug/m3			01/20/26 15:16	1.844
Chlorobenzene	ND		4.2	1.4	ug/m3			01/20/26 15:16	1.844
Chloroethane	ND		9.7	3.3	ug/m3			01/20/26 15:16	1.844
Chloroform	ND		4.5	1.5	ug/m3			01/20/26 15:16	1.844
Chloromethane	ND		19	6.4	ug/m3			01/20/26 15:16	1.844
cis-1,2-Dichloroethene	ND		3.7	1.2	ug/m3			01/20/26 15:16	1.844
cis-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			01/20/26 15:16	1.844
Cumene	ND		4.5	1.5	ug/m3			01/20/26 15:16	1.844
Cyclohexane	ND		3.2	1.1	ug/m3			01/20/26 15:16	1.844
Dibromochloromethane	ND		7.9	2.7	ug/m3			01/20/26 15:16	1.844
Ethanol	ND		17	5.8	ug/m3			01/20/26 15:16	1.844
Ethylbenzene	ND		4.0	1.4	ug/m3			01/20/26 15:16	1.844
Freon 11	ND		5.2	1.8	ug/m3			01/20/26 15:16	1.844
Freon 113	ND		7.1	2.4	ug/m3			01/20/26 15:16	1.844
Freon 12	ND		4.6	1.6	ug/m3			01/20/26 15:16	1.844
Freon-114	ND		6.4	2.2	ug/m3			01/20/26 15:16	1.844
Heptane	ND		3.8	1.3	ug/m3			01/20/26 15:16	1.844
Hexachlorobutadiene	ND		39	13	ug/m3			01/20/26 15:16	1.844
Hexane	ND		3.2	1.1	ug/m3			01/20/26 15:16	1.844
m,p-Xylenes	ND		8.0	2.6	ug/m3			01/20/26 15:16	1.844
Methyl tert-butyl ether	ND		13	4.5	ug/m3			01/20/26 15:16	1.844
Methylene Chloride	ND		6.4	2.1	ug/m3			01/20/26 15:16	1.844
Naphthalene	ND		9.7	1.6	ug/m3			01/20/26 15:16	1.844
o-Xylene	ND		4.0	1.4	ug/m3			01/20/26 15:16	1.844
Propylbenzene	ND		4.5	1.5	ug/m3			01/20/26 15:16	1.844
Styrene	ND		3.9	1.3	ug/m3			01/20/26 15:16	1.844
Tetrachloroethene	ND		6.3	2.1	ug/m3			01/20/26 15:16	1.844
Tetrahydrofuran	ND		2.7	0.92	ug/m3			01/20/26 15:16	1.844
Toluene	ND		6.9	2.3	ug/m3			01/20/26 15:16	1.844
trans-1,2-Dichloroethene	ND		3.7	1.2	ug/m3			01/20/26 15:16	1.844
trans-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			01/20/26 15:16	1.844
Trichloroethene	ND		5.0	1.7	ug/m3			01/20/26 15:16	1.844
Vinyl chloride	ND		2.4	0.80	ug/m3			01/20/26 15:16	1.844

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*01/20/26 15:16*	*1.844*

Client Sample ID: 821-LFGP-4

Lab Sample ID: 650-3330-2

Date Collected: 12/30/25 12:28
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/20/26 15:16*	*1.844*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/20/26 15:16*	*1.844*

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**		0.00018	0.000061	% v/v			01/15/26 11:06	1.844

Client Sample ID: 821-LFGP-2

Lab Sample ID: 650-3330-3

Date Collected: 12/30/25 13:35
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	1.4	ug/m3			01/20/26 15:43	1.537
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/20/26 15:43	1.537
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/20/26 15:43	1.537
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 15:43	1.537
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			01/20/26 15:43	1.537
1,2,4-Trichlorobenzene	ND		23	7.6	ug/m3			01/20/26 15:43	1.537
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 15:43	1.537
1,2-Dibromoethane (EDB)	ND		5.9	2.0	ug/m3			01/20/26 15:43	1.537
1,2-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/20/26 15:43	1.537
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 15:43	1.537
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			01/20/26 15:43	1.537
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 15:43	1.537
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/20/26 15:43	1.537
1,3-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/20/26 15:43	1.537
1,4-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/20/26 15:43	1.537
1,4-Dioxane	ND		5.5	1.8	ug/m3			01/20/26 15:43	1.537
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/20/26 15:43	1.537
2-Butanone (MEK)	ND		9.1	3.0	ug/m3			01/20/26 15:43	1.537
2-Hexanone	ND		13	4.2	ug/m3			01/20/26 15:43	1.537
2-Propanol	ND		7.6	2.5	ug/m3			01/20/26 15:43	1.537
3-Chloropropene	ND		2.4	0.82	ug/m3			01/20/26 15:43	1.537
4-Ethyltoluene	ND		3.8	1.3	ug/m3			01/20/26 15:43	1.537
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			01/20/26 15:43	1.537
Acetone	**11**	**J**	18	6.1	ug/m3			01/20/26 15:43	1.537
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/20/26 15:43	1.537
Benzene	ND		2.5	0.83	ug/m3			01/20/26 15:43	1.537
Bromodichloromethane	ND		5.1	1.8	ug/m3			01/20/26 15:43	1.537
Bromoform	ND		7.9	2.7	ug/m3			01/20/26 15:43	1.537
Bromomethane	ND		6.0	2.0	ug/m3			01/20/26 15:43	1.537
Carbon disulfide	ND		9.6	3.2	ug/m3			01/20/26 15:43	1.537
Carbon tetrachloride	ND		4.8	1.6	ug/m3			01/20/26 15:43	1.537
Chlorobenzene	ND		3.5	1.2	ug/m3			01/20/26 15:43	1.537
Chloroethane	ND		8.1	2.7	ug/m3			01/20/26 15:43	1.537
Chloroform	ND		3.8	1.3	ug/m3			01/20/26 15:43	1.537
Chloromethane	ND		16	5.3	ug/m3			01/20/26 15:43	1.537

Client Sample ID: 821-LFGP-2

Lab Sample ID: 650-3330-3

Date Collected: 12/30/25 13:35
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/20/26 15:43	1.537
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 15:43	1.537
Cumene	ND		3.8	1.3	ug/m3			01/20/26 15:43	1.537
Cyclohexane	ND		2.6	0.90	ug/m3			01/20/26 15:43	1.537
Dibromochloromethane	ND		6.5	2.2	ug/m3			01/20/26 15:43	1.537
Ethanol	**5.1**	**J**	14	4.8	ug/m3			01/20/26 15:43	1.537
Ethylbenzene	ND		3.3	1.1	ug/m3			01/20/26 15:43	1.537
Freon 11	ND		4.3	1.5	ug/m3			01/20/26 15:43	1.537
Freon 113	ND		5.9	2.0	ug/m3			01/20/26 15:43	1.537
Freon 12	**2.2**	**J**	3.8	1.3	ug/m3			01/20/26 15:43	1.537
Freon-114	ND		5.4	1.8	ug/m3			01/20/26 15:43	1.537
Heptane	ND		3.1	1.1	ug/m3			01/20/26 15:43	1.537
Hexachlorobutadiene	ND		33	11	ug/m3			01/20/26 15:43	1.537
Hexane	ND		2.7	0.92	ug/m3			01/20/26 15:43	1.537
m,p-Xylenes	ND		6.7	2.2	ug/m3			01/20/26 15:43	1.537
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/20/26 15:43	1.537
Methylene Chloride	**1.9**	**J**	5.3	1.8	ug/m3			01/20/26 15:43	1.537
Naphthalene	ND		8.1	1.4	ug/m3			01/20/26 15:43	1.537
o-Xylene	ND		3.3	1.1	ug/m3			01/20/26 15:43	1.537
Propylbenzene	ND		3.8	1.3	ug/m3			01/20/26 15:43	1.537
Styrene	ND		3.3	1.1	ug/m3			01/20/26 15:43	1.537
Tetrachloroethene	ND		5.2	1.8	ug/m3			01/20/26 15:43	1.537
Tetrahydrofuran	ND		2.3	0.77	ug/m3			01/20/26 15:43	1.537
Toluene	ND		5.8	1.9	ug/m3			01/20/26 15:43	1.537
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/20/26 15:43	1.537
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 15:43	1.537
Trichloroethene	ND		4.1	1.4	ug/m3			01/20/26 15:43	1.537
Vinyl chloride	ND		2.0	0.67	ug/m3			01/20/26 15:43	1.537

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*01/20/26 15:43*	*1.537*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/20/26 15:43*	*1.537*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/20/26 15:43*	*1.537*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00016**		0.00015	0.000051	% v/v			01/15/26 11:33	1.537

Client Sample ID: 821-LFGP-3

Lab Sample ID: 650-3330-4

Date Collected: 12/30/25 12:18
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	1.5	ug/m3			01/20/26 16:11	1.581
1,1,2,2-Tetrachloroethane	ND		5.4	1.8	ug/m3			01/20/26 16:11	1.581
1,1,2-Trichloroethane	ND		4.3	1.5	ug/m3			01/20/26 16:11	1.581
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			01/20/26 16:11	1.581

Client Sample ID: 821-LFGP-3

Date Collected: 12/30/25 12:18
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-4

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		3.1	1.1	ug/m3			01/20/26 16:11	1.581
1,2,4-Trichlorobenzene	ND		23	7.9	ug/m3			01/20/26 16:11	1.581
1,2,4-Trimethylbenzene	ND		3.9	1.3	ug/m3			01/20/26 16:11	1.581
1,2-Dibromoethane (EDB)	ND		6.1	2.1	ug/m3			01/20/26 16:11	1.581
1,2-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/20/26 16:11	1.581
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			01/20/26 16:11	1.581
1,2-Dichloropropane	ND		3.7	1.2	ug/m3			01/20/26 16:11	1.581
1,3,5-Trimethylbenzene	ND		3.9	1.3	ug/m3			01/20/26 16:11	1.581
1,3-Butadiene	ND		1.7	0.59	ug/m3			01/20/26 16:11	1.581
1,3-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/20/26 16:11	1.581
1,4-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/20/26 16:11	1.581
1,4-Dioxane	ND		5.7	1.9	ug/m3			01/20/26 16:11	1.581
2,2,4-Trimethylpentane	ND		3.7	1.3	ug/m3			01/20/26 16:11	1.581
2-Butanone (MEK)	ND		9.3	3.1	ug/m3			01/20/26 16:11	1.581
2-Hexanone	ND		13	4.3	ug/m3			01/20/26 16:11	1.581
2-Propanol	ND		7.8	2.6	ug/m3			01/20/26 16:11	1.581
3-Chloropropene	ND		2.5	0.84	ug/m3			01/20/26 16:11	1.581
4-Ethyltoluene	ND		3.9	1.3	ug/m3			01/20/26 16:11	1.581
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/20/26 16:11	1.581
Acetone	**12**	**J**	19	6.3	ug/m3			01/20/26 16:11	1.581
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			01/20/26 16:11	1.581
Benzene	ND		2.5	0.86	ug/m3			01/20/26 16:11	1.581
Bromodichloromethane	ND		5.3	1.8	ug/m3			01/20/26 16:11	1.581
Bromoform	ND		8.2	2.8	ug/m3			01/20/26 16:11	1.581
Bromomethane	ND		6.1	2.0	ug/m3			01/20/26 16:11	1.581
Carbon disulfide	ND		9.8	3.3	ug/m3			01/20/26 16:11	1.581
Carbon tetrachloride	ND		5.0	1.7	ug/m3			01/20/26 16:11	1.581
Chlorobenzene	ND		3.6	1.2	ug/m3			01/20/26 16:11	1.581
Chloroethane	ND		8.3	2.8	ug/m3			01/20/26 16:11	1.581
Chloroform	ND		3.9	1.3	ug/m3			01/20/26 16:11	1.581
Chloromethane	ND		16	5.5	ug/m3			01/20/26 16:11	1.581
cis-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			01/20/26 16:11	1.581
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			01/20/26 16:11	1.581
Cumene	ND		3.9	1.3	ug/m3			01/20/26 16:11	1.581
Cyclohexane	ND		2.7	0.93	ug/m3			01/20/26 16:11	1.581
Dibromochloromethane	ND		6.7	2.3	ug/m3			01/20/26 16:11	1.581
Ethanol	ND		15	5.0	ug/m3			01/20/26 16:11	1.581
Ethylbenzene	ND		3.4	1.2	ug/m3			01/20/26 16:11	1.581
Freon 11	ND		4.4	1.5	ug/m3			01/20/26 16:11	1.581
Freon 113	ND		6.1	2.1	ug/m3			01/20/26 16:11	1.581
Freon 12	**2.2**	**J**	3.9	1.3	ug/m3			01/20/26 16:11	1.581
Freon-114	ND		5.5	1.9	ug/m3			01/20/26 16:11	1.581
Heptane	ND		3.2	1.1	ug/m3			01/20/26 16:11	1.581
Hexachlorobutadiene	ND		34	11	ug/m3			01/20/26 16:11	1.581
Hexane	ND		2.8	0.95	ug/m3			01/20/26 16:11	1.581
m,p-Xylenes	ND		6.9	2.3	ug/m3			01/20/26 16:11	1.581
Methyl tert-butyl ether	ND		11	3.8	ug/m3			01/20/26 16:11	1.581
Methylene Chloride	ND		5.5	1.8	ug/m3			01/20/26 16:11	1.581

Client Sample ID: 821-LFGP-3

Lab Sample ID: 650-3330-4

Date Collected: 12/30/25 12:18
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.3	1.4	ug/m3			01/20/26 16:11	1.581
o-Xylene	ND		3.4	1.2	ug/m3			01/20/26 16:11	1.581
Propylbenzene	ND		3.9	1.3	ug/m3			01/20/26 16:11	1.581
Styrene	ND		3.4	1.1	ug/m3			01/20/26 16:11	1.581
Tetrachloroethene	ND		5.4	1.8	ug/m3			01/20/26 16:11	1.581
Tetrahydrofuran	ND		2.3	0.79	ug/m3			01/20/26 16:11	1.581
Toluene	ND		6.0	2.0	ug/m3			01/20/26 16:11	1.581
trans-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			01/20/26 16:11	1.581
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			01/20/26 16:11	1.581
Trichloroethene	ND		4.2	1.4	ug/m3			01/20/26 16:11	1.581
Vinyl chloride	ND		2.0	0.69	ug/m3			01/20/26 16:11	1.581

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*01/20/26 16:11*	*1.581*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*01/20/26 16:11*	*1.581*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/20/26 16:11*	*1.581*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00019**		0.00016	0.000052	% v/v			01/15/26 12:13	1.581

Client Sample ID: 821-LFGP-1

Lab Sample ID: 650-3330-5

Date Collected: 12/30/25 12:25
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	1.4	ug/m3			01/20/26 16:38	1.551
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/20/26 16:38	1.551
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/20/26 16:38	1.551
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 16:38	1.551
1,1-Dichloroethene	ND		3.1	1.0	ug/m3			01/20/26 16:38	1.551
1,2,4-Trichlorobenzene	ND		23	7.7	ug/m3			01/20/26 16:38	1.551
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 16:38	1.551
1,2-Dibromoethane (EDB)	ND		6.0	2.0	ug/m3			01/20/26 16:38	1.551
1,2-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/20/26 16:38	1.551
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 16:38	1.551
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			01/20/26 16:38	1.551
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 16:38	1.551
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/20/26 16:38	1.551
1,3-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/20/26 16:38	1.551
1,4-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/20/26 16:38	1.551
1,4-Dioxane	ND		5.6	1.8	ug/m3			01/20/26 16:38	1.551
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/20/26 16:38	1.551
2-Butanone (MEK)	ND		9.1	3.1	ug/m3			01/20/26 16:38	1.551
2-Hexanone	ND		13	4.3	ug/m3			01/20/26 16:38	1.551
2-Propanol	ND		7.6	2.6	ug/m3			01/20/26 16:38	1.551
3-Chloropropene	ND		2.4	0.83	ug/m3			01/20/26 16:38	1.551

Client Sample ID: 821-LFGP-1

Date Collected: 12/30/25 12:25
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-5

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		3.8	1.3	ug/m3			01/20/26 16:38	1.551
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/20/26 16:38	1.551
Acetone	**48**		18	6.2	ug/m3			01/20/26 16:38	1.551
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/20/26 16:38	1.551
Benzene	ND		2.5	0.84	ug/m3			01/20/26 16:38	1.551
Bromodichloromethane	ND		5.2	1.8	ug/m3			01/20/26 16:38	1.551
Bromoform	ND		8.0	2.7	ug/m3			01/20/26 16:38	1.551
Bromomethane	ND		6.0	2.0	ug/m3			01/20/26 16:38	1.551
Carbon disulfide	ND		9.7	3.2	ug/m3			01/20/26 16:38	1.551
Carbon tetrachloride	ND		4.9	1.7	ug/m3			01/20/26 16:38	1.551
Chlorobenzene	ND		3.6	1.2	ug/m3			01/20/26 16:38	1.551
Chloroethane	ND		8.2	2.7	ug/m3			01/20/26 16:38	1.551
Chloroform	ND		3.8	1.3	ug/m3			01/20/26 16:38	1.551
Chloromethane	ND		16	5.3	ug/m3			01/20/26 16:38	1.551
cis-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/20/26 16:38	1.551
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 16:38	1.551
Cumene	ND		3.8	1.3	ug/m3			01/20/26 16:38	1.551
Cyclohexane	ND		2.7	0.91	ug/m3			01/20/26 16:38	1.551
Dibromochloromethane	ND		6.6	2.2	ug/m3			01/20/26 16:38	1.551
Ethanol	**5.6**	**J**	15	4.9	ug/m3			01/20/26 16:38	1.551
Ethylbenzene	ND		3.4	1.1	ug/m3			01/20/26 16:38	1.551
Freon 11	ND		4.4	1.5	ug/m3			01/20/26 16:38	1.551
Freon 113	ND		5.9	2.0	ug/m3			01/20/26 16:38	1.551
Freon 12	**2.1**	**J**	3.8	1.3	ug/m3			01/20/26 16:38	1.551
Freon-114	ND		5.4	1.8	ug/m3			01/20/26 16:38	1.551
Heptane	ND		3.2	1.1	ug/m3			01/20/26 16:38	1.551
Hexachlorobutadiene	ND		33	11	ug/m3			01/20/26 16:38	1.551
Hexane	ND		2.7	0.93	ug/m3			01/20/26 16:38	1.551
m,p-Xylenes	ND		6.7	2.2	ug/m3			01/20/26 16:38	1.551
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/20/26 16:38	1.551
Methylene Chloride	ND		5.4	1.8	ug/m3			01/20/26 16:38	1.551
Naphthalene	ND		8.1	1.4	ug/m3			01/20/26 16:38	1.551
o-Xylene	ND		3.4	1.1	ug/m3			01/20/26 16:38	1.551
Propylbenzene	ND		3.8	1.3	ug/m3			01/20/26 16:38	1.551
Styrene	ND		3.3	1.1	ug/m3			01/20/26 16:38	1.551
Tetrachloroethene	ND		5.3	1.8	ug/m3			01/20/26 16:38	1.551
Tetrahydrofuran	ND		2.3	0.78	ug/m3			01/20/26 16:38	1.551
Toluene	ND		5.8	1.9	ug/m3			01/20/26 16:38	1.551
trans-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/20/26 16:38	1.551
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 16:38	1.551
Trichloroethene	ND		4.2	1.4	ug/m3			01/20/26 16:38	1.551
Vinyl chloride	ND		2.0	0.67	ug/m3			01/20/26 16:38	1.551

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/20/26 16:38*	*1.551*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 16:38*	*1.551*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/20/26 16:38*	*1.551*

Client Sample ID: 821-LFGP-1

Lab Sample ID: 650-3330-5

Date Collected: 12/30/25 12:25
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00017**		0.00016	0.000051	% v/v			01/15/26 13:29	1.551

Client Sample ID: 821-LFGP-5

Lab Sample ID: 650-3330-6

Date Collected: 12/30/25 10:54
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.7	1.3	ug/m3			01/20/26 17:05	1.349
1,1,2,2-Tetrachloroethane	ND		4.6	1.6	ug/m3			01/20/26 17:05	1.349
1,1,2-Trichloroethane	ND		3.7	1.3	ug/m3			01/20/26 17:05	1.349
1,1-Dichloroethane	ND		2.7	0.93	ug/m3			01/20/26 17:05	1.349
1,1-Dichloroethene	ND		2.7	0.91	ug/m3			01/20/26 17:05	1.349
1,2,4-Trichlorobenzene	ND		20	6.7	ug/m3			01/20/26 17:05	1.349
1,2,4-Trimethylbenzene	ND		3.3	1.1	ug/m3			01/20/26 17:05	1.349
1,2-Dibromoethane (EDB)	ND		5.2	1.8	ug/m3			01/20/26 17:05	1.349
1,2-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/20/26 17:05	1.349
1,2-Dichloroethane	ND		2.7	0.93	ug/m3			01/20/26 17:05	1.349
1,2-Dichloropropane	ND		3.1	1.1	ug/m3			01/20/26 17:05	1.349
1,3,5-Trimethylbenzene	ND		3.3	1.1	ug/m3			01/20/26 17:05	1.349
1,3-Butadiene	ND		1.5	0.51	ug/m3			01/20/26 17:05	1.349
1,3-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/20/26 17:05	1.349
1,4-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/20/26 17:05	1.349
1,4-Dioxane	ND		4.9	1.6	ug/m3			01/20/26 17:05	1.349
2,2,4-Trimethylpentane	ND		3.2	1.1	ug/m3			01/20/26 17:05	1.349
2-Butanone (MEK)	ND		8.0	2.7	ug/m3			01/20/26 17:05	1.349
2-Hexanone	ND		11	3.7	ug/m3			01/20/26 17:05	1.349
2-Propanol	**4.8**	**J**	6.6	2.2	ug/m3			01/20/26 17:05	1.349
3-Chloropropene	ND		2.1	0.72	ug/m3			01/20/26 17:05	1.349
4-Ethyltoluene	ND		3.3	1.1	ug/m3			01/20/26 17:05	1.349
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.94	ug/m3			01/20/26 17:05	1.349
Acetone	ND		16	5.4	ug/m3			01/20/26 17:05	1.349
alpha-Chlorotoluene	ND		3.5	1.2	ug/m3			01/20/26 17:05	1.349
Benzene	ND		2.2	0.73	ug/m3			01/20/26 17:05	1.349
Bromodichloromethane	ND		4.5	1.5	ug/m3			01/20/26 17:05	1.349
Bromoform	ND		7.0	2.4	ug/m3			01/20/26 17:05	1.349
Bromomethane	ND		5.2	1.7	ug/m3			01/20/26 17:05	1.349
Carbon disulfide	ND		8.4	2.8	ug/m3			01/20/26 17:05	1.349
Carbon tetrachloride	ND		4.2	1.4	ug/m3			01/20/26 17:05	1.349
Chlorobenzene	ND		3.1	1.1	ug/m3			01/20/26 17:05	1.349
Chloroethane	ND		7.1	2.4	ug/m3			01/20/26 17:05	1.349
Chloroform	ND		3.3	1.1	ug/m3			01/20/26 17:05	1.349
Chloromethane	ND		14	4.7	ug/m3			01/20/26 17:05	1.349
cis-1,2-Dichloroethene	ND		2.7	0.91	ug/m3			01/20/26 17:05	1.349
cis-1,3-Dichloropropene	ND		3.1	1.0	ug/m3			01/20/26 17:05	1.349
Cumene	ND		3.3	1.1	ug/m3			01/20/26 17:05	1.349
Cyclohexane	ND		2.3	0.79	ug/m3			01/20/26 17:05	1.349
Dibromochloromethane	ND		5.7	2.0	ug/m3			01/20/26 17:05	1.349

Client Sample ID: 821-LFGP-5

Lab Sample ID: 650-3330-6

Date Collected: 12/30/25 10:54
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		13	4.2	ug/m3			01/20/26 17:05	1.349
Ethylbenzene	ND		2.9	1.0	ug/m3			01/20/26 17:05	1.349
Freon 11	ND		3.8	1.3	ug/m3			01/20/26 17:05	1.349
Freon 113	ND		5.2	1.8	ug/m3			01/20/26 17:05	1.349
Freon 12	**2.0**	**J**	3.3	1.1	ug/m3			01/20/26 17:05	1.349
Freon-114	ND		4.7	1.6	ug/m3			01/20/26 17:05	1.349
Heptane	ND		2.8	0.94	ug/m3			01/20/26 17:05	1.349
Hexachlorobutadiene	ND		29	9.6	ug/m3			01/20/26 17:05	1.349
Hexane	ND		2.4	0.81	ug/m3			01/20/26 17:05	1.349
m,p-Xylenes	ND		5.9	1.9	ug/m3			01/20/26 17:05	1.349
Methyl tert-butyl ether	ND		9.7	3.3	ug/m3			01/20/26 17:05	1.349
Methylene Chloride	ND		4.7	1.5	ug/m3			01/20/26 17:05	1.349
Naphthalene	ND		7.1	1.2	ug/m3			01/20/26 17:05	1.349
o-Xylene	ND		2.9	1.0	ug/m3			01/20/26 17:05	1.349
Propylbenzene	ND		3.3	1.1	ug/m3			01/20/26 17:05	1.349
Styrene	ND		2.9	0.98	ug/m3			01/20/26 17:05	1.349
Tetrachloroethene	**2.4**	**J**	4.6	1.6	ug/m3			01/20/26 17:05	1.349
Tetrahydrofuran	ND		2.0	0.68	ug/m3			01/20/26 17:05	1.349
Toluene	ND		5.1	1.7	ug/m3			01/20/26 17:05	1.349
trans-1,2-Dichloroethene	ND		2.7	0.91	ug/m3			01/20/26 17:05	1.349
trans-1,3-Dichloropropene	ND		3.1	1.0	ug/m3			01/20/26 17:05	1.349
Trichloroethene	ND		3.6	1.2	ug/m3			01/20/26 17:05	1.349
Vinyl chloride	ND		1.7	0.59	ug/m3			01/20/26 17:05	1.349

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/20/26 17:05*	*1.349*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 17:05*	*1.349*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/20/26 17:05*	*1.349*

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		0.00013	0.000045	% v/v			01/15/26 13:52	1.349

Client Sample ID: 821-DUP-1

Lab Sample ID: 650-3330-7

Date Collected: 12/30/25 10:54
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	1.2	ug/m3			01/20/26 17:33	1.328
1,1,2,2-Tetrachloroethane	ND		4.6	1.5	ug/m3			01/20/26 17:33	1.328
1,1,2-Trichloroethane	ND		3.6	1.2	ug/m3			01/20/26 17:33	1.328
1,1-Dichloroethane	ND		2.7	0.91	ug/m3			01/20/26 17:33	1.328
1,1-Dichloroethene	ND		2.6	0.90	ug/m3			01/20/26 17:33	1.328
1,2,4-Trichlorobenzene	ND		20	6.6	ug/m3			01/20/26 17:33	1.328
1,2,4-Trimethylbenzene	ND		3.3	1.1	ug/m3			01/20/26 17:33	1.328
1,2-Dibromoethane (EDB)	ND		5.1	1.7	ug/m3			01/20/26 17:33	1.328
1,2-Dichlorobenzene	ND		4.0	1.4	ug/m3			01/20/26 17:33	1.328

Client Sample ID: 821-DUP-1

Date Collected: 12/30/25 10:54
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-7

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		2.7	0.91	ug/m3			01/20/26 17:33	1.328
1,2-Dichloropropane	ND		3.1	1.0	ug/m3			01/20/26 17:33	1.328
1,3,5-Trimethylbenzene	ND		3.3	1.1	ug/m3			01/20/26 17:33	1.328
1,3-Butadiene	ND		1.5	0.50	ug/m3			01/20/26 17:33	1.328
1,3-Dichlorobenzene	ND		4.0	1.4	ug/m3			01/20/26 17:33	1.328
1,4-Dichlorobenzene	ND		4.0	1.4	ug/m3			01/20/26 17:33	1.328
1,4-Dioxane	ND		4.8	1.6	ug/m3			01/20/26 17:33	1.328
2,2,4-Trimethylpentane	ND		3.1	1.1	ug/m3			01/20/26 17:33	1.328
2-Butanone (MEK)	ND		7.8	2.6	ug/m3			01/20/26 17:33	1.328
2-Hexanone	ND		11	3.6	ug/m3			01/20/26 17:33	1.328
2-Propanol	**8.0**		6.5	2.2	ug/m3			01/20/26 17:33	1.328
3-Chloropropene	ND		2.1	0.71	ug/m3			01/20/26 17:33	1.328
4-Ethyltoluene	ND		3.3	1.1	ug/m3			01/20/26 17:33	1.328
4-Methyl-2-pentanone (MIBK)	ND		2.7	0.92	ug/m3			01/20/26 17:33	1.328
Acetone	**11**	**J**	16	5.3	ug/m3			01/20/26 17:33	1.328
alpha-Chlorotoluene	ND		3.4	1.2	ug/m3			01/20/26 17:33	1.328
Benzene	ND		2.1	0.72	ug/m3			01/20/26 17:33	1.328
Bromodichloromethane	ND		4.4	1.5	ug/m3			01/20/26 17:33	1.328
Bromoform	ND		6.9	2.3	ug/m3			01/20/26 17:33	1.328
Bromomethane	ND		5.2	1.7	ug/m3			01/20/26 17:33	1.328
Carbon disulfide	ND		8.3	2.8	ug/m3			01/20/26 17:33	1.328
Carbon tetrachloride	ND		4.2	1.4	ug/m3			01/20/26 17:33	1.328
Chlorobenzene	ND		3.1	1.0	ug/m3			01/20/26 17:33	1.328
Chloroethane	ND		7.0	2.3	ug/m3			01/20/26 17:33	1.328
Chloroform	ND		3.2	1.1	ug/m3			01/20/26 17:33	1.328
Chloromethane	ND		14	4.6	ug/m3			01/20/26 17:33	1.328
cis-1,2-Dichloroethene	ND		2.6	0.90	ug/m3			01/20/26 17:33	1.328
cis-1,3-Dichloropropene	ND		3.0	1.0	ug/m3			01/20/26 17:33	1.328
Cumene	ND		3.3	1.1	ug/m3			01/20/26 17:33	1.328
Cyclohexane	**6.3**		2.3	0.78	ug/m3			01/20/26 17:33	1.328
Dibromochloromethane	ND		5.7	1.9	ug/m3			01/20/26 17:33	1.328
Ethanol	**32**		13	4.2	ug/m3			01/20/26 17:33	1.328
Ethylbenzene	ND		2.9	0.98	ug/m3			01/20/26 17:33	1.328
Freon 11	**4.8**		3.7	1.3	ug/m3			01/20/26 17:33	1.328
Freon 113	ND		5.1	1.7	ug/m3			01/20/26 17:33	1.328
Freon 12	**2.0**	**J**	3.3	1.1	ug/m3			01/20/26 17:33	1.328
Freon-114	ND		4.6	1.6	ug/m3			01/20/26 17:33	1.328
Heptane	ND		2.7	0.93	ug/m3			01/20/26 17:33	1.328
Hexachlorobutadiene	ND		28	9.5	ug/m3			01/20/26 17:33	1.328
Hexane	**8.5**		2.3	0.80	ug/m3			01/20/26 17:33	1.328
m,p-Xylenes	ND		5.8	1.9	ug/m3			01/20/26 17:33	1.328
Methyl tert-butyl ether	ND		9.6	3.2	ug/m3			01/20/26 17:33	1.328
Methylene Chloride	ND		4.6	1.5	ug/m3			01/20/26 17:33	1.328
Naphthalene	ND		7.0	1.2	ug/m3			01/20/26 17:33	1.328
o-Xylene	ND		2.9	0.98	ug/m3			01/20/26 17:33	1.328
Propylbenzene	ND		3.3	1.1	ug/m3			01/20/26 17:33	1.328
Styrene	ND		2.8	0.96	ug/m3			01/20/26 17:33	1.328
Tetrachloroethene	**1.9**	**J**	4.5	1.5	ug/m3			01/20/26 17:33	1.328

Client Sample ID: 821-DUP-1

Lab Sample ID: 650-3330-7
Matrix: Air
Date Collected: 12/30/25 10:54
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	ND		2.0	0.67	ug/m3			01/20/26 17:33	1.328
Toluene	**39**		5.0	1.7	ug/m3			01/20/26 17:33	1.328
trans-1,2-Dichloroethene	ND		2.6	0.90	ug/m3			01/20/26 17:33	1.328
trans-1,3-Dichloropropene	ND		3.0	1.0	ug/m3			01/20/26 17:33	1.328
Trichloroethene	ND		3.6	1.2	ug/m3			01/20/26 17:33	1.328
Vinyl chloride	ND		1.7	0.58	ug/m3			01/20/26 17:33	1.328

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*01/20/26 17:33*	*1.328*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 17:33*	*1.328*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/20/26 17:33*	*1.328*

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		0.00013	0.000044	% v/v			01/15/26 14:16	1.328

Client Sample ID: 821-LFGP-6

Lab Sample ID: 650-3330-8
Matrix: Air
Date Collected: 12/30/25 11:04
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			01/20/26 18:00	1.469
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			01/20/26 18:00	1.469
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			01/20/26 18:00	1.469
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			01/20/26 18:00	1.469
1,1-Dichloroethene	ND		2.9	0.99	ug/m3			01/20/26 18:00	1.469
1,2,4-Trichlorobenzene	ND		22	7.3	ug/m3			01/20/26 18:00	1.469
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/20/26 18:00	1.469
1,2-Dibromoethane (EDB)	ND		5.6	1.9	ug/m3			01/20/26 18:00	1.469
1,2-Dichlorobenzene	ND		4.4	1.5	ug/m3			01/20/26 18:00	1.469
1,2-Dichloroethane	ND		3.0	1.0	ug/m3			01/20/26 18:00	1.469
1,2-Dichloropropane	ND		3.4	1.2	ug/m3			01/20/26 18:00	1.469
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/20/26 18:00	1.469
1,3-Butadiene	ND		1.6	0.55	ug/m3			01/20/26 18:00	1.469
1,3-Dichlorobenzene	ND		4.4	1.5	ug/m3			01/20/26 18:00	1.469
1,4-Dichlorobenzene	ND		4.4	1.5	ug/m3			01/20/26 18:00	1.469
1,4-Dioxane	ND		5.3	1.7	ug/m3			01/20/26 18:00	1.469
2,2,4-Trimethylpentane	ND		3.4	1.2	ug/m3			01/20/26 18:00	1.469
2-Butanone (MEK)	ND		8.7	2.9	ug/m3			01/20/26 18:00	1.469
2-Hexanone	ND		12	4.0	ug/m3			01/20/26 18:00	1.469
2-Propanol	**6.2**	**J**	7.2	2.4	ug/m3			01/20/26 18:00	1.469
3-Chloropropene	ND		2.3	0.78	ug/m3			01/20/26 18:00	1.469
4-Ethyltoluene	ND		3.6	1.2	ug/m3			01/20/26 18:00	1.469
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			01/20/26 18:00	1.469
Acetone	ND		17	5.8	ug/m3			01/20/26 18:00	1.469
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			01/20/26 18:00	1.469
Benzene	ND		2.3	0.80	ug/m3			01/20/26 18:00	1.469

Client Sample ID: 821-LFGP-6

Date Collected: 12/30/25 11:04
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-8

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		4.9	1.7	ug/m3			01/20/26 18:00	1.469
Bromoform	ND		7.6	2.6	ug/m3			01/20/26 18:00	1.469
Bromomethane	ND		5.7	1.9	ug/m3			01/20/26 18:00	1.469
Carbon disulfide	ND		9.1	3.1	ug/m3			01/20/26 18:00	1.469
Carbon tetrachloride	ND		4.6	1.6	ug/m3			01/20/26 18:00	1.469
Chlorobenzene	ND		3.4	1.1	ug/m3			01/20/26 18:00	1.469
Chloroethane	ND		7.8	2.6	ug/m3			01/20/26 18:00	1.469
Chloroform	ND		3.6	1.2	ug/m3			01/20/26 18:00	1.469
Chloromethane	ND		15	5.1	ug/m3			01/20/26 18:00	1.469
cis-1,2-Dichloroethene	ND		2.9	0.99	ug/m3			01/20/26 18:00	1.469
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			01/20/26 18:00	1.469
Cumene	ND		3.6	1.2	ug/m3			01/20/26 18:00	1.469
Cyclohexane	ND		2.5	0.86	ug/m3			01/20/26 18:00	1.469
Dibromochloromethane	ND		6.3	2.1	ug/m3			01/20/26 18:00	1.469
Ethanol	ND		14	4.6	ug/m3			01/20/26 18:00	1.469
Ethylbenzene	ND		3.2	1.1	ug/m3			01/20/26 18:00	1.469
Freon 11	ND		4.1	1.4	ug/m3			01/20/26 18:00	1.469
Freon 113	ND		5.6	1.9	ug/m3			01/20/26 18:00	1.469
Freon 12	**2.1**	**J**	3.6	1.2	ug/m3			01/20/26 18:00	1.469
Freon-114	ND		5.1	1.7	ug/m3			01/20/26 18:00	1.469
Heptane	ND		3.0	1.0	ug/m3			01/20/26 18:00	1.469
Hexachlorobutadiene	ND		31	10	ug/m3			01/20/26 18:00	1.469
Hexane	ND		2.6	0.88	ug/m3			01/20/26 18:00	1.469
m,p-Xylenes	ND		6.4	2.1	ug/m3			01/20/26 18:00	1.469
Methyl tert-butyl ether	ND		11	3.5	ug/m3			01/20/26 18:00	1.469
Methylene Chloride	ND		5.1	1.7	ug/m3			01/20/26 18:00	1.469
Naphthalene	ND		7.7	1.3	ug/m3			01/20/26 18:00	1.469
o-Xylene	ND		3.2	1.1	ug/m3			01/20/26 18:00	1.469
Propylbenzene	ND		3.6	1.2	ug/m3			01/20/26 18:00	1.469
Styrene	ND		3.1	1.1	ug/m3			01/20/26 18:00	1.469
Tetrachloroethene	ND		5.0	1.7	ug/m3			01/20/26 18:00	1.469
Tetrahydrofuran	ND		2.2	0.74	ug/m3			01/20/26 18:00	1.469
Toluene	ND		5.5	1.8	ug/m3			01/20/26 18:00	1.469
trans-1,2-Dichloroethene	ND		2.9	0.99	ug/m3			01/20/26 18:00	1.469
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			01/20/26 18:00	1.469
Trichloroethene	ND		3.9	1.3	ug/m3			01/20/26 18:00	1.469
Vinyl chloride	ND		1.9	0.64	ug/m3			01/20/26 18:00	1.469

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/20/26 18:00*	*1.469*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 18:00*	*1.469*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/20/26 18:00*	*1.469*

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	**0.00018**		0.00015	0.000048	% v/v			01/15/26 14:40	1.469

Client Sample Results

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-7

Date Collected: 12/30/25 11:19
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-9

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			01/20/26 18:28	1.46
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			01/20/26 18:28	1.46
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			01/20/26 18:28	1.46
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			01/20/26 18:28	1.46
1,1-Dichloroethene	ND		2.9	0.98	ug/m3			01/20/26 18:28	1.46
1,2,4-Trichlorobenzene	ND		22	7.3	ug/m3			01/20/26 18:28	1.46
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/20/26 18:28	1.46
1,2-Dibromoethane (EDB)	ND		5.6	1.9	ug/m3			01/20/26 18:28	1.46
1,2-Dichlorobenzene	ND		4.4	1.5	ug/m3			01/20/26 18:28	1.46
1,2-Dichloroethane	ND		3.0	1.0	ug/m3			01/20/26 18:28	1.46
1,2-Dichloropropane	ND		3.4	1.1	ug/m3			01/20/26 18:28	1.46
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/20/26 18:28	1.46
1,3-Butadiene	ND		1.6	0.55	ug/m3			01/20/26 18:28	1.46
1,3-Dichlorobenzene	ND		4.4	1.5	ug/m3			01/20/26 18:28	1.46
1,4-Dichlorobenzene	ND		4.4	1.5	ug/m3			01/20/26 18:28	1.46
1,4-Dioxane	ND		5.3	1.7	ug/m3			01/20/26 18:28	1.46
2,2,4-Trimethylpentane	ND		3.4	1.2	ug/m3			01/20/26 18:28	1.46
2-Butanone (MEK)	ND		8.6	2.9	ug/m3			01/20/26 18:28	1.46
2-Hexanone	ND		12	4.0	ug/m3			01/20/26 18:28	1.46
2-Propanol	ND		7.2	2.4	ug/m3			01/20/26 18:28	1.46
3-Chloropropene	ND		2.3	0.78	ug/m3			01/20/26 18:28	1.46
4-Ethyltoluene	ND		3.6	1.2	ug/m3			01/20/26 18:28	1.46
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			01/20/26 18:28	1.46
Acetone	**6.0**	**J**	17	5.8	ug/m3			01/20/26 18:28	1.46
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			01/20/26 18:28	1.46
Benzene	ND		2.3	0.79	ug/m3			01/20/26 18:28	1.46
Bromodichloromethane	ND		4.9	1.7	ug/m3			01/20/26 18:28	1.46
Bromoform	ND		7.5	2.6	ug/m3			01/20/26 18:28	1.46
Bromomethane	ND		5.7	1.9	ug/m3			01/20/26 18:28	1.46
Carbon disulfide	ND		9.1	3.0	ug/m3			01/20/26 18:28	1.46
Carbon tetrachloride	ND		4.6	1.6	ug/m3			01/20/26 18:28	1.46
Chlorobenzene	ND		3.4	1.1	ug/m3			01/20/26 18:28	1.46
Chloroethane	ND		7.7	2.6	ug/m3			01/20/26 18:28	1.46
Chloroform	ND		3.6	1.2	ug/m3			01/20/26 18:28	1.46
Chloromethane	ND		15	5.0	ug/m3			01/20/26 18:28	1.46
cis-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			01/20/26 18:28	1.46
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			01/20/26 18:28	1.46
Cumene	ND		3.6	1.2	ug/m3			01/20/26 18:28	1.46
Cyclohexane	ND		2.5	0.85	ug/m3			01/20/26 18:28	1.46
Dibromochloromethane	ND		6.2	2.1	ug/m3			01/20/26 18:28	1.46
Ethanol	ND		14	4.6	ug/m3			01/20/26 18:28	1.46
Ethylbenzene	ND		3.2	1.1	ug/m3			01/20/26 18:28	1.46
Freon 11	ND		4.1	1.4	ug/m3			01/20/26 18:28	1.46
Freon 113	ND		5.6	1.9	ug/m3			01/20/26 18:28	1.46
Freon 12	**2.1**	**J**	3.6	1.2	ug/m3			01/20/26 18:28	1.46
Freon-114	ND		5.1	1.7	ug/m3			01/20/26 18:28	1.46
Heptane	ND		3.0	1.0	ug/m3			01/20/26 18:28	1.46
Hexachlorobutadiene	ND		31	10	ug/m3			01/20/26 18:28	1.46

Client Sample ID: 821-LFGP-7

Lab Sample ID: 650-3330-9

Date Collected: 12/30/25 11:19
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.6	0.87	ug/m3			01/20/26 18:28	1.46
m,p-Xylenes	ND		6.3	2.1	ug/m3			01/20/26 18:28	1.46
Methyl tert-butyl ether	ND		11	3.5	ug/m3			01/20/26 18:28	1.46
Methylene Chloride	ND		5.1	1.7	ug/m3			01/20/26 18:28	1.46
Naphthalene	ND		7.7	1.3	ug/m3			01/20/26 18:28	1.46
o-Xylene	ND		3.2	1.1	ug/m3			01/20/26 18:28	1.46
Propylbenzene	ND		3.6	1.2	ug/m3			01/20/26 18:28	1.46
Styrene	ND		3.1	1.1	ug/m3			01/20/26 18:28	1.46
Tetrachloroethene	ND		5.0	1.7	ug/m3			01/20/26 18:28	1.46
Tetrahydrofuran	ND		2.2	0.73	ug/m3			01/20/26 18:28	1.46
Toluene	ND		5.5	1.8	ug/m3			01/20/26 18:28	1.46
trans-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			01/20/26 18:28	1.46
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			01/20/26 18:28	1.46
Trichloroethene	ND		3.9	1.3	ug/m3			01/20/26 18:28	1.46
Vinyl chloride	ND		1.9	0.63	ug/m3			01/20/26 18:28	1.46

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/20/26 18:28*	*1.46*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 18:28*	*1.46*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/20/26 18:28*	*1.46*

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			01/15/26 15:03	1.46

Client Sample ID: 821-LFGP-8

Lab Sample ID: 650-3330-10

Date Collected: 12/30/25 11:54
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	1.5	ug/m3			01/20/26 18:55	1.581
1,1,2,2-Tetrachloroethane	ND		5.4	1.8	ug/m3			01/20/26 18:55	1.581
1,1,2-Trichloroethane	ND		4.3	1.5	ug/m3			01/20/26 18:55	1.581
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			01/20/26 18:55	1.581
1,1-Dichloroethene	ND		3.1	1.1	ug/m3			01/20/26 18:55	1.581
1,2,4-Trichlorobenzene	ND		23	7.9	ug/m3			01/20/26 18:55	1.581
1,2,4-Trimethylbenzene	ND		3.9	1.3	ug/m3			01/20/26 18:55	1.581
1,2-Dibromoethane (EDB)	ND		6.1	2.1	ug/m3			01/20/26 18:55	1.581
1,2-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/20/26 18:55	1.581
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			01/20/26 18:55	1.581
1,2-Dichloropropane	ND		3.7	1.2	ug/m3			01/20/26 18:55	1.581
1,3,5-Trimethylbenzene	ND		3.9	1.3	ug/m3			01/20/26 18:55	1.581
1,3-Butadiene	ND		1.7	0.59	ug/m3			01/20/26 18:55	1.581
1,3-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/20/26 18:55	1.581
1,4-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/20/26 18:55	1.581
1,4-Dioxane	ND		5.7	1.9	ug/m3			01/20/26 18:55	1.581
2,2,4-Trimethylpentane	ND		3.7	1.3	ug/m3			01/20/26 18:55	1.581

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-8
Date Collected: 12/30/25 11:54
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-10
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		9.3	3.1	ug/m3			01/20/26 18:55	1.581
2-Hexanone	ND		13	4.3	ug/m3			01/20/26 18:55	1.581
2-Propanol	ND		7.8	2.6	ug/m3			01/20/26 18:55	1.581
3-Chloropropene	ND		2.5	0.84	ug/m3			01/20/26 18:55	1.581
4-Ethyltoluene	ND		3.9	1.3	ug/m3			01/20/26 18:55	1.581
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/20/26 18:55	1.581
Acetone	**20**		19	6.3	ug/m3			01/20/26 18:55	1.581
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			01/20/26 18:55	1.581
Benzene	ND		2.5	0.86	ug/m3			01/20/26 18:55	1.581
Bromodichloromethane	ND		5.3	1.8	ug/m3			01/20/26 18:55	1.581
Bromoform	ND		8.2	2.8	ug/m3			01/20/26 18:55	1.581
Bromomethane	ND		6.1	2.0	ug/m3			01/20/26 18:55	1.581
Carbon disulfide	ND		9.8	3.3	ug/m3			01/20/26 18:55	1.581
Carbon tetrachloride	ND		5.0	1.7	ug/m3			01/20/26 18:55	1.581
Chlorobenzene	ND		3.6	1.2	ug/m3			01/20/26 18:55	1.581
Chloroethane	ND		8.3	2.8	ug/m3			01/20/26 18:55	1.581
Chloroform	ND		3.9	1.3	ug/m3			01/20/26 18:55	1.581
Chloromethane	ND		16	5.5	ug/m3			01/20/26 18:55	1.581
cis-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			01/20/26 18:55	1.581
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			01/20/26 18:55	1.581
Cumene	ND		3.9	1.3	ug/m3			01/20/26 18:55	1.581
Cyclohexane	ND		2.7	0.93	ug/m3			01/20/26 18:55	1.581
Dibromochloromethane	ND		6.7	2.3	ug/m3			01/20/26 18:55	1.581
Ethanol	ND		15	5.0	ug/m3			01/20/26 18:55	1.581
Ethylbenzene	ND		3.4	1.2	ug/m3			01/20/26 18:55	1.581
Freon 11	ND		4.4	1.5	ug/m3			01/20/26 18:55	1.581
Freon 113	ND		6.1	2.1	ug/m3			01/20/26 18:55	1.581
Freon 12	**2.2**	**J**	3.9	1.3	ug/m3			01/20/26 18:55	1.581
Freon-114	ND		5.5	1.9	ug/m3			01/20/26 18:55	1.581
Heptane	ND		3.2	1.1	ug/m3			01/20/26 18:55	1.581
Hexachlorobutadiene	ND		34	11	ug/m3			01/20/26 18:55	1.581
Hexane	ND		2.8	0.95	ug/m3			01/20/26 18:55	1.581
m,p-Xylenes	ND		6.9	2.3	ug/m3			01/20/26 18:55	1.581
Methyl tert-butyl ether	ND		11	3.8	ug/m3			01/20/26 18:55	1.581
Methylene Chloride	ND		5.5	1.8	ug/m3			01/20/26 18:55	1.581
Naphthalene	ND		8.3	1.4	ug/m3			01/20/26 18:55	1.581
o-Xylene	ND		3.4	1.2	ug/m3			01/20/26 18:55	1.581
Propylbenzene	ND		3.9	1.3	ug/m3			01/20/26 18:55	1.581
Styrene	ND		3.4	1.1	ug/m3			01/20/26 18:55	1.581
Tetrachloroethene	ND		5.4	1.8	ug/m3			01/20/26 18:55	1.581
Tetrahydrofuran	ND		2.3	0.79	ug/m3			01/20/26 18:55	1.581
Toluene	ND		6.0	2.0	ug/m3			01/20/26 18:55	1.581
trans-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			01/20/26 18:55	1.581
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			01/20/26 18:55	1.581
Trichloroethene	ND		4.2	1.4	ug/m3			01/20/26 18:55	1.581
Vinyl chloride	ND		2.0	0.69	ug/m3			01/20/26 18:55	1.581

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*01/20/26 18:55*	*1.581*

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-8
Date Collected: 12/30/25 11:54
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-10
Matrix: Air

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/20/26 18:55*	*1.581*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/20/26 18:55*	*1.581*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.024**		0.00016	0.000052	% v/v			01/15/26 15:27	1.581

Surrogate Summary

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

Job ID: 650-3330-1
SDG: 65000581

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		DCA	BFB	TOL						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)						
650-3330-1	821-LFGP-9	109	101	103						
650-3330-2	821-LFGP-4	110	100	106						
650-3330-3	821-LFGP-2	106	100	107						
650-3330-4	821-LFGP-3	108	99	105						
650-3330-5	821-LFGP-1	109	101	107						
650-3330-6	821-LFGP-5	109	101	105						
650-3330-7	821-DUP-1	108	101	105						
650-3330-8	821-LFGP-6	109	101	107						
650-3330-9	821-LFGP-7	109	101	107						
650-3330-10	821-LFGP-8	110	100	105						
LCS 650-8352/4	Lab Control Sample	104	105	107						
LCSD 650-8352/5	Lab Control Sample Dup	104	105	107						
MB 650-8352/6	Method Blank	114	99	111						

Surrogate Legend

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

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

Job ID: 650-3330-1
SDG: 65000581

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

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

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

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

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		1.8	0.60	ug/m3			01/20/26 11:29	1
m,p-Xylenes	ND		4.3	1.4	ug/m3			01/20/26 11:29	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			01/20/26 11:29	1
Methylene Chloride	ND		3.5	1.1	ug/m3			01/20/26 11:29	1
Naphthalene	ND		5.2	0.89	ug/m3			01/20/26 11:29	1
o-Xylene	ND		2.2	0.74	ug/m3			01/20/26 11:29	1
Propylbenzene	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
Styrene	ND		2.1	0.72	ug/m3			01/20/26 11:29	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			01/20/26 11:29	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			01/20/26 11:29	1
Toluene	ND		3.8	1.2	ug/m3			01/20/26 11:29	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/20/26 11:29	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/20/26 11:29	1
Trichloroethene	ND		2.7	0.91	ug/m3			01/20/26 11:29	1
Vinyl chloride	ND		1.3	0.43	ug/m3			01/20/26 11:29	1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			01/15/26 10:12	1

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

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

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

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

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane			9.82	9.78		% v/v		100	85 - 115	0	25

QC Association Summary

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

Job ID: 650-3330-1
SDG: 65000581

Air - GC/MS VOA

Analysis Batch: 8352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-1	821-LFGP-9	Total/NA	Air	TO-15	
650-3330-2	821-LFGP-4	Total/NA	Air	TO-15	
650-3330-3	821-LFGP-2	Total/NA	Air	TO-15	
650-3330-4	821-LFGP-3	Total/NA	Air	TO-15	
650-3330-5	821-LFGP-1	Total/NA	Air	TO-15	
650-3330-6	821-LFGP-5	Total/NA	Air	TO-15	
650-3330-7	821-DUP-1	Total/NA	Air	TO-15	
650-3330-8	821-LFGP-6	Total/NA	Air	TO-15	
650-3330-9	821-LFGP-7	Total/NA	Air	TO-15	
650-3330-10	821-LFGP-8	Total/NA	Air	TO-15	
MB 650-8352/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-8352/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-8352/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 7969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-1	821-LFGP-9	Total/NA	Air	D1946	
650-3330-2	821-LFGP-4	Total/NA	Air	D1946	
650-3330-3	821-LFGP-2	Total/NA	Air	D1946	
650-3330-4	821-LFGP-3	Total/NA	Air	D1946	
650-3330-5	821-LFGP-1	Total/NA	Air	D1946	
650-3330-6	821-LFGP-5	Total/NA	Air	D1946	
650-3330-7	821-DUP-1	Total/NA	Air	D1946	
650-3330-8	821-LFGP-6	Total/NA	Air	D1946	
650-3330-9	821-LFGP-7	Total/NA	Air	D1946	
650-3330-10	821-LFGP-8	Total/NA	Air	D1946	
MB 650-7969/3	Method Blank	Total/NA	Air	D1946	
LCS 650-7969/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-7969/24	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-LFGP-9
Date Collected: 12/30/25 12:01
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.694	8352	RT	Air Toxics	01/20/26 14:48
Total/NA	Analysis	D1946		1.694	7969	EM	Air Toxics	01/15/26 10:42

Client Sample ID: 821-LFGP-4
Date Collected: 12/30/25 12:28
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.844	8352	RT	Air Toxics	01/20/26 15:16
Total/NA	Analysis	D1946		1.844	7969	EM	Air Toxics	01/15/26 11:06

Client Sample ID: 821-LFGP-2
Date Collected: 12/30/25 13:35
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-3
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.537	8352	RT	Air Toxics	01/20/26 15:43
Total/NA	Analysis	D1946		1.537	7969	EM	Air Toxics	01/15/26 11:33

Client Sample ID: 821-LFGP-3
Date Collected: 12/30/25 12:18
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-4
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.581	8352	RT	Air Toxics	01/20/26 16:11
Total/NA	Analysis	D1946		1.581	7969	EM	Air Toxics	01/15/26 12:13

Client Sample ID: 821-LFGP-1
Date Collected: 12/30/25 12:25
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-5
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.551	8352	RT	Air Toxics	01/20/26 16:38
Total/NA	Analysis	D1946		1.551	7969	EM	Air Toxics	01/15/26 13:29

Client Sample ID: 821-LFGP-5
Date Collected: 12/30/25 10:54
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-6
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.349	8352	RT	Air Toxics	01/20/26 17:05
Total/NA	Analysis	D1946		1.349	7969	EM	Air Toxics	01/15/26 13:52

Lab Chronicle

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

Job ID: 650-3330-1
SDG: 65000581

Client Sample ID: 821-DUP-1
Date Collected: 12/30/25 10:54
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-7
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.328	8352	RT	Air Toxics	01/20/26 17:33
Total/NA	Analysis	D1946		1.328	7969	EM	Air Toxics	01/15/26 14:16

Client Sample ID: 821-LFGP-6
Date Collected: 12/30/25 11:04
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-8
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.469	8352	RT	Air Toxics	01/20/26 18:00
Total/NA	Analysis	D1946		1.469	7969	EM	Air Toxics	01/15/26 14:40

Client Sample ID: 821-LFGP-7
Date Collected: 12/30/25 11:19
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-9
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.46	8352	RT	Air Toxics	01/20/26 18:28
Total/NA	Analysis	D1946		1.46	7969	EM	Air Toxics	01/15/26 15:03

Client Sample ID: 821-LFGP-8
Date Collected: 12/30/25 11:54
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-10
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.581	8352	RT	Air Toxics	01/20/26 18:55
Total/NA	Analysis	D1946		1.581	7969	EM	Air Toxics	01/15/26 15:27

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 650-3330-1
SDG: 65000581

Laboratory: Eurofins Environment Testing Northern California, Air Toxics

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

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

Method Summary

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

Job ID: 650-3330-1
SDG: 65000581

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

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

Job ID: 650-3330-1
SDG: 65000581

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-3330-1	821-LFGP-9	Air	12/30/25 12:01	12/31/25 12:20	Air Canister (6-Liter) #6L1981
650-3330-2	821-LFGP-4	Air	12/30/25 12:28	12/31/25 12:20	Air Canister (6-Liter) #6L4013
650-3330-3	821-LFGP-2	Air	12/30/25 13:35	12/31/25 12:20	Air Canister (6-Liter) #6L1606
650-3330-4	821-LFGP-3	Air	12/30/25 12:18	12/31/25 12:20	Air Canister (6-Liter) #6L3085
650-3330-5	821-LFGP-1	Air	12/30/25 12:25	12/31/25 12:20	Air Canister (6-Liter) #6L0062
650-3330-6	821-LFGP-5	Air	12/30/25 10:54	12/31/25 12:20	Air Canister (6-Liter) #6L3550
650-3330-7	821-DUP-1	Air	12/30/25 10:54	12/31/25 12:20	Air Canister (6-Liter) #6L4056
650-3330-8	821-LFGP-6	Air	12/30/25 11:04	12/31/25 12:20	Air Canister (6-Liter) #6L3745
650-3330-9	821-LFGP-7	Air	12/30/25 11:19	12/31/25 12:20	Air Canister (6-Liter) #6L3613
650-3330-10	821-LFGP-8	Air	12/30/25 11:54	12/31/25 12:20	Air Canister (6-Liter) #6L3010

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

650-3330-01 COC

Canister Samples Chain of Custody Record

eurofins | Environment Testing

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

Lab ID	Sample Identification	Sample Start Sample Date(s)	Sample Start Time Start (24hr)	Sample Finish Sample Date(s)	Sample Finish Time Finish (24hr)	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):
01A	821-LFGP-9	12-30	1103	12-30	1201	30	2	24546	GL1981	X	X							
02A	821-LFGP-4		1115		1228	30	12	23935	GL4613	X	X							
03A	821-LFGP-2		1233		1335	30	10	23929	GL1606	X	X							
04A	821-LFGP-3		1110		1218	29	7	23735	GL3085	X	X							
05A	821-LFGP-1		1125		1225	29	6	26791	GL6662	X	X							
06A	821-LFGP-5		0951		1054	28	6	23642	GL3550	X	X							
07A	821-DUP-1		0951		1054	26	6	25253	GL4056	X	X							
08A	821-LFGP-6		1003		1104	28	8	24252	GL3795	X	X							
09A	821-LFGP-7		1017		1119	26	7	23823	GL3613	X	X							
10A	821-LFGP-8		1032		1154	30	8	24895	GL3016	X	X							

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Fedex	Date / Time:	Samples Received by:
Samples Relinquished by: [signature]	Date / Time: 12/30/25 1730	Received by: JLP EHTL 12/31/25 0920
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name: FedEx	Custody Seals Intact?: Yes No (None)	Condition:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-3330-1
SDG Number: 65000581

Login Number: 3330
List Number: 1
Creator: Lachappelle, Loren

List Source: Eurofins Environment Testing Northern California, Air Toxics

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

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

EMSL Analytical, Inc.

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

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

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

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

Analytical Results

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

EMSL Analytical, Inc.

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

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

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

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

Analytical Results
(Continued)

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

EMSL Analytical, Inc.

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

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

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

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

Analytical Results
(Continued)

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

EMSL Analytical, Inc.

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

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

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

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

Analytical Results
(Continued)

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

EMSL Analytical, Inc.

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

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

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

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

Analytical Results
(Continued)

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

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

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

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

Analytical Results
(Continued)

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

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

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

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	A2LA,AIHA LAP

List of Certifications

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

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

EMSL Analytical, Inc.

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

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

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Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

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

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AE05114

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

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

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

Customer Information

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

Billing Information

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

Project Name/No: City of Durham Parks - 23050630 ~~Lyon Park~~ * All Parks *
Purchase Order:

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

Media Type: Air
Media Manufacturer/ Part Number:
Media Lot Number:

Sampled By Name: Brandon Guerrero
Sampled By Signature: BG
No. Samples in Shipment:

Turnaround Time (TAT) Options - Please check: (If no selection made, Standard 2 Week (EOD) TAT will apply)
☑ 2 Week ☐ 1 Week ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other (Call Lab)

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
822-LF6P-1	Lyon Park	NIOSH 6009 - mercury	Sorbent Tube	0.25	1306	1406		☐ Area ☐ Personal	12-19-25	
822-LF6P-2					1145	1245		☐ Area ☐ Personal	12-19-25	
822-LF6P-3					1363	1403		☐ Area ☐ Personal	12-19-25	
822-LF6P-4					1140	1240		☐ Area ☐ Personal	12-19-25	
822-LF6P-5					1138	1238		☐ Area ☐ Personal	12-19-25	
822-LF6P-6					1155	1255		☐ Area ☐ Personal	12-22-25	
~~822-LF6P-7~~ BG								☐ Area ☐ Personal	~~12-22-25~~	Did not collect sample
822-LF6P-8					1226	1326		☐ Area ☐ Personal	12-22-25	

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

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

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

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

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

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

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Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE05114

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

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

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
822-LFLP-9	Lyon Park	NIOSH 6009 - mercury	Sorbent Tube	0.25	1240	1340		☐ Area ☐ Personal	12-22-25	
822-LFLP-10					1130	1230		☐ Area ☐ Personal	12-22-25	
~~822-LFLP-DUP~~	822-DUP				1306	1406		☐ Area ☐ Personal	12-19-25	
822-DUP-2					1155	1255		☐ Area ☐ Personal	12-22-25	
824-LFGP-3	Walltown Partr				1112	1212		☐ Area ☐ Personal	12-18-25	
824-LFGP-DUP					1112	1212		☐ Area ☐ Personal		
824-LFGP-2					1115	1215		☐ Area ☐ Personal		
824-LFGP-5					1130	1230		☐ Area ☐ Personal		
824-LFGP-8					1205	1305		☐ Area ☐ Personal		
824-LFGP-9					1231	1331		☐ Area ☐ Personal		
824-LFGP-1					1310	1410		☐ Area ☐ Personal		
824-LFGP-4					1330	1430		☐ Area ☐ Personal		
824-LFGP-7					1348	1448		☐ Area ☐ Personal		
824-LFGP-6					1350	1450		☐ Area ☐ Personal		
825-LFGP-5	Northgate Partr				0950	1050		☐ Area ☐ Personal	12-19-25	
825-LFGP-DUP					0950	1050		☐ Area ☐ Personal	12-19-25	

Method of Shipment: Fedex

Sample Condition Upon Receipt:

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

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

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

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by: | Date/Time:

Relinquished by: | Date/Time:

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

Received by: | Date/Time

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EMAIL: c@emsl.com

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
823-LFGP-1	East End Pwtr Cont'd	NIOSH 6009	sorbent tube	0.25	1228	1328		☐ Area ☐ Personal	12-29-25	
823-LFGP-6					1420	1520		☐ Area ☐ Personal		
823-LFGP-7					1425	1525		☐ Area ☐ Personal		
823-LFGP-5					1430	1530		☐ Area ☐ Personal		
823-LFGP-4					1140	1240		☐ Area ☐ Personal		
823-LFGP-8					1534	1634		☐ Area ☐ Personal		
823-LFGP-9					1537	1633		☐ Area ☐ Personal		
823-LFGP-10					1535	1635		☐ Area ☐ Personal		
823-LFGP-DUP-1					1285	1385		☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

Method of Shipment: Fedex

Sample Condition Upon Receipt:

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

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

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Industrial Hygiene - Chain of Custody

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Cinnaminson, NJ 08077

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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
825-LFGP-2	Northgate Cont'd	NIOSH 6009 Mercury	Sorbent tube	0.25	1047	1147		☐ Area ☐ Personal	12-19-25	
825-LFGP-4	↓	↓	↓	↓	1008	1108		☐ Area ☐ Personal	↓	
825-LFGP-3					0957	1057		☐ Area ☐ Personal		
825-LFGP-1					1157	1257		☐ Area ☐ Personal		
821-LFGP-2	E. Durham Park				1132	1232		☐ Area ☐ Personal	12-30-25	
821-LFGP-5	↓				1134	1234		☐ Area ☐ Personal	↓	
821-LFGP-DUP					1134	1234		☐ Area ☐ Personal		
821-LFGP-6					1136	1236		☐ Area ☐ Personal		
821-LFGP-7					1137	1237		☐ Area ☐ Personal		
821-LFGP-3					1235	1335		☐ Area ☐ Personal		
821-LFGP-8					1243	1343		☐ Area ☐ Personal		
821-LFGP-4					1248	1348		☐ Area ☐ Personal		
821-LFGP-9					1249	1349		☐ Area ☐ Personal		
821-LFGP-1	↓				1340	1440		☐ Area ☐ Personal	↓	
823-LFGP-2	East End Park				1205	1305		☐ Area ☐ Personal	12-29-25	
823-LFGP-3	↓				1214	1314		☐ Area ☐ Personal	↓	

Method of Shipment: Fedex

Relinquished by: | Date/Time:

Relinquished by: | Date/Time:

Sample Condition Upon Receipt:

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

Received by: | Date/Time

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

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

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012546581
LIMS Reference ID: AD46581
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 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD46581-01	821-LFGP-8	Air	12/30/2025	12/31/2025
AD46581-02	821-LFGP-7	Air	12/30/2025	12/31/2025
AD46581-03	821-LFGP-6	Air	12/30/2025	12/31/2025
AD46581-04	821-LFGP-5	Air	12/30/2025	12/31/2025
AD46581-05	821-LFGP-4	Air	12/30/2025	12/31/2025
AD46581-06	821-LFGP-3	Air	12/30/2025	12/31/2025
AD46581-07	821-LFGP-2	Air	12/30/2025	12/31/2025
AD46581-08	821-LFGP-1	Air	12/30/2025	12/31/2025
AD46581-09	821-LFGP-9	Air	12/30/2025	12/31/2025
AD46581-10	821-LFGP-DUP	Air	12/30/2025	12/31/2025

Owen McKenna Laboratory Manager or other approved signatory

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

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Project Name: 23050630 East Durham
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EMSL Sales Rep: Jason McDonald
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Analysis Case Narrative

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

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

Concentrator Traps:
2.0 cc Loop

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

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

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

Holding Times:
All holding times were met.

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

Sample Pressures:

Sample ID	Analysis	Dilution
AD46581-01	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-02	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-03	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-04	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-05	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-06	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-07	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-08	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-09	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46581-10	49-Hydrogen Sulfide by ASTM D5504	No Dilutions

Initial Calibration:
All acceptance criteria were met.

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

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

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

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EMSL Customer ID: SMEI60

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

Sample Duplicate:
All acceptance criteria were met.

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

Owen McKenna Laboratory Manager or other approved signatory

EMSL Analytical, Inc.

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EMSL-CIN-01

EMSL Order ID: 012546581
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jpaul@smeinc.com

Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-01
Customer Sample ID: 821-LFGP-8

Collected: 12/30/2025 14:00
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 15:30	BDL3319	R1767.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	12/31/25 15:30	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

OSHA= Occupational Safety and Health Administration
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ACGIH=American Conference of Governmental Industrial Hygienistsn

Method Reference

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

Exposure Limit Definitions

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

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EMSL Order ID: 012546581
LIMS Reference ID: AD46581
EMSL Customer ID: SMEI60

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jpaul@smeinc.com

Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-02
Customer Sample ID: 821-LFGP-7

Collected: 12/30/2025 14:10
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 15:58	BDL3319	R1769.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	12/31/25 15:58	
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**

Reference

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

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LIMS Reference ID: AD46581
EMSL Customer ID: SMEI60

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jpaul@smeinc.com

Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-03
Customer Sample ID: 821-LFGP-6

Collected: 12/30/2025 14:20
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 16:12	BDL3319	R1770.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	12/31/25 16:12	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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Exposure Limit Definitions

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REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

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EMSL-CIN-01

EMSL Order ID: 012546581
LIMS Reference ID: AD46581
EMSL Customer ID: SMEI60

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

Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-04
Customer Sample ID: 821-LFGP-5

Collected: 12/30/2025 14:30
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 16:28	BDL3319	R1771.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	12/31/25 16:28	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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EMSL Customer ID: SMEI60

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Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-05
Customer Sample ID: 821-LFGP-4

Collected: 12/30/2025 14:45
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 16:42	BDL3319	R1772.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	12/31/25 16:42	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

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LIMS Reference ID: AD46581
EMSL Customer ID: SMEI60

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Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-06
Customer Sample ID: 821-LFGP-3

Collected: 12/30/2025 14:55
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 16:57	BDL3319	R1773.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	12/31/25 16:57	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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EMSL Order ID: 012546581
LIMS Reference ID: AD46581
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jpaul@smeinc.com

Project Name: 23050630 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-07
Customer Sample ID: 821-LFGP-2

Collected: 12/30/2025 15:00
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 17:10	BDL3319	R1774.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	12/31/25 17:10	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
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EMSL Order ID: 012546581
LIMS Reference ID: AD46581
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 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-08
Customer Sample ID: 821-LFGP-1

Collected: 12/30/2025 14:50
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 17:25	BDL3319	R1775.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	12/31/25 17:25	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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: 012546581
LIMS Reference ID: AD46581
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 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-09
Customer Sample ID: 821-LFGP-9

Collected: 12/30/2025 14:40
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 17:39	BDL3319	R1776.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	12/31/25 17:39	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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EMSL Analytical, Inc.

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

EMSL Order ID: 012546581
LIMS Reference ID: AD46581
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 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

EMSL Sample ID: AD46581-10
Customer Sample ID: 821-LFGP-DUP
Collected: 12/30/2025 00:00
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 17:53	BDL3319	R1777.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	12/31/25 17:53	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012546581
LIMS Reference ID: AD46581
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 East Durham
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:52

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: A046581

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

RECEIVED EMSL CINNAMINSON, NJ 2025 DEC 31 A 8:54

Customer Information

Customer ID:
Company Name: S+ME
Contact Name: Jerry Paul
Street Address:
City, State, Zip: 3201 Spring Forest Rd, Raleigh NC
Country: US
Phone:
Email(s) for Report: jpaul@smeinc.com madisonalten@smeinc.com

Billing Information

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

Project Name/No: 23050630 East Durham
Purchase Order:

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

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

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

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

Turn-Around-Time (TAT)

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
821-LFGP-8	☐	☒	12/30/25 1400	A		X								Low level H_2S
821-LFGP-7	☐	☒	1410	A		X								
821-LFGP-6	☐	☒	1420	A		X								
821-LFGP-5	☐	☒	1430	A		X								

List Test(s) Needed: (Write in test below, then record # of bottles for each test in box)

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

please use 14 ng/m^3 MDL

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

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

Relinquished by:
Date/Time: 12/30/25 ~~1500~~ 1700
Received by: E-FX
Date/Time 12/31/25 0945

Relinquished by:
Date/Time:
Received by: air fox
Date/Time 12/31/25 1104

Controlled Document - COC-07 Chemistry R15 07/14/2025

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

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

10SAH

EMSL ANALYTICAL, INC.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

AD46581

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

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
821-LFGP-4	☐	X	12/30/25 1445	A		X								Low level H_2S
821-LFGP-3	☐	X	1455	A		X								
821-LFGP-2	☐	X	1500	A		X								
821-LFGP-1	☐	X	1450	A		X								
821-LFGP-9	☐	X	1440	A		X								
821-LFGP-DUP	☐	X	↓ —	A		X								
	☐	☐												
	☐	☐												
	☐	☐												

Method of Shipment: Fedex

Relinquished by: [signature] Date/Time: 12/30/25 1700

Relinquished by: Date/Time:

Sample Condition Upon Receipt:

Received by: [signature] E-FX Date/Time 12/31/25 0940

Received by: Date/Time

Received on Ice? Check if Yes ☐

RECEIVED EMSL CINNAMINSON NJ 2025 DEC 31 AM 9:34

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

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

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

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

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Customer Information

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Company Name: S+ME
Contact Name: Jerry Paul
Street Address:
City, State, Zip: 3201 Spring Forest Rd, Raleigh NC
Country: US
Phone:
Email(s) for Report: jpaul@smeinc.com madisonalten@smeinc.com

Billing Information

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

Project Name/No: 23050630 East Durham
Purchase Order:

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

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

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

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

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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)	Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
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821-LFGP-7	☐	☒	1410	A		X								
821-LFGP-6	☐	☒	1420	A		X								
821-LFGP-5	☐	☒	1430	A		X								

List Test(s) Needed: (Write in test below, then record # of bottles for each test in box)

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

please use 14 ng/m^3 MDL

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

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

Relinquished by:
Date/Time: 12/30/25 ~~1500~~ 1700
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Date/Time 12/31/25 0945

Relinquished by:
Date/Time:
Received by: air fox
Date/Time 12/31/25 1104

Controlled Document - COC-07 Chemistry R15 07/14/2025

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

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10SAH

EMSL ANALYTICAL, INC.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

AD46581

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

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
821-LFGP-4	☐	X	12/30/25 1445	A		X								Low level H_2S
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821-LFGP-2	☐	X	1500	A		X								
821-LFGP-1	☐	X	1450	A		X								
821-LFGP-9	☐	X	1440	A		X								
821-LFGP-DUP	☐	X	↓ —	A		X								
	☐	☐												
	☐	☐												
	☐	☐												

Method of Shipment: Fedex

Relinquished by: [signature] Date/Time: 12/30/25 1700

Relinquished by: Date/Time:

Sample Condition Upon Receipt:

Received by: [signature] E-FX Date/Time 12/31/25 0940

Received by: Date/Time

Received on Ice? Check if Yes ☐

RECEIVED EMSL CINNAMINSON NJ 2025 DEC 31 AM 9:34

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

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2025 2:46:46 PM

JOB DESCRIPTION

East Durham Park

JOB NUMBER

752-39945-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
12/16/2025 2:46:46 PM

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

Table of Contents

Definitions/Glossary

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
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.

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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-39945-1

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

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

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

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-733581 recovered outside control limits for the following analytes: Acetone and Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-733780 recovered outside control limits for the following analytes: Acetone and Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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

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

Method 6020B - Total Recoverable: The following samples were diluted due to the nature of the sample matrix: MW-1 (752-39945-1) and MW-4 (752-39945-4). 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
Method SM4500_SO4_E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: MW-1 (752-39945-1) and MW-8 (752-39945-8). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-39945-1

Client Sample ID: MW-1 — Lab Sample ID: 752-39945-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.25	J	5.00	2.45	ug/L	1		6020B	Total Recoverable
Arsenic	4.45	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	139		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	3.97	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	83.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.45	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Silver	0.333	J	1.00	0.167	ug/L	1		6020B	Total Recoverable
Vanadium	12.8		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.144		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.144		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	65.7		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 752-39945-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	3.21	J F2	5.00	3.00	ug/L	1		8260D	Total/NA
Carbazole	2.51	J	9.93	0.318	ug/L	1		8270E	Total/NA
Caprolactam - RA	7.71	J	9.93	2.38	ug/L	1		8270E	Total/NA
Arsenic	3.32	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	508		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.635	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cadmium	0.344	J	0.700	0.237	ug/L	1		6020B	Total Recoverable
Cobalt	2.69	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.01	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.83		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	232		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.12	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Silver	0.179	J	1.00	0.167	ug/L	1		6020B	Total Recoverable
Thallium	0.411	J B	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	2.50	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Sulfate	15.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 752-39945-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.83		5.00	1.32	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3 (Continued) — Lab Sample ID: 752-39945-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	466		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.610	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.24	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	231		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.03	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	331		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0150	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0150	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	9.15		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 752-39945-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.34	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	404		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	166		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.01	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0680	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0680	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	4.69	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 752-39945-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	102		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	6.86		5.00	1.29	ug/L	1		6020B	Total Recoverable
Thallium	0.490	J B	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	13.5		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.46		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	1.46		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	21.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 752-39945-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	43.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	10.6		5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	1.93	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	11.8		2.00	0.642	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-6 (Continued) — Lab Sample ID: 752-39945-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	51.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.90	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	27.0		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.59		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	1.59		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	23.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-39945-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	332		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.492	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	2.09		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	123		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.33	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	4.45	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0480	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0480	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	38.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 752-39945-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	141		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.36	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.21	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	1090		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	10.5		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	7.74		5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	104		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0410	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0410	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	78.9		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 752-39945-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.02		5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	350		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-9 (Continued) — Lab Sample ID: 752-39945-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.468	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	169		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.44	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	18.8		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0400	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0400	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	13.4		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 120425-Dup-1 — Lab Sample ID: 752-39945-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	86.7	J	101	24.3	ug/L	10		8270E	Total/NA
Carbazole	2.13	J	10.1	0.324	ug/L	1		8270E	Total/NA
Arsenic	2.05	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	538		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.01	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	225		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.28	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.76	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0360	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0360	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	15.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-39945-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-1
Lab Sample ID: 752-39945-1
Date Collected: 12/04/25 10:45
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 15:03	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 15:03	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 15:03	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 15:03	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 15:03	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 15:03	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 15:03	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 15:03	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 15:03	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 15:03	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 15:03	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 15:03	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 15:03	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 15:03	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 15:03	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 15:03	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 15:03	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 15:03	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 15:03	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 15:03	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 15:03	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 15:03	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 15:03	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 15:03	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 15:03	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 15:03	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 15:03	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 15:03	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 15:03	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 15:03	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 15:03	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 15:03	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 15:03	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 15:03	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 15:03	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 15:03	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 15:03	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 15:03	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 15:03	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 15:03	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 15:03	1

Client Sample ID: MW-1
Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 15:03	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 15:03	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 15:03	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 15:03	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 15:03	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 15:03	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 15:03	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 15:03	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 15:03	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 15:03	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 15:03	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 15:03	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 15:03	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 15:03	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 15:03	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 15:03	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 15:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 15:03	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 15:03	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 15:03	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 15:03	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 15:03	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*56 - 136*		*12/12/25 15:03*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*12/12/25 15:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/12/25 15:03*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*12/12/25 15:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		12/09/25 17:38	12/11/25 12:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*12/09/25 17:38*	*12/11/25 12:32*	*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		10.3	0.432	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		12/10/25 15:29	12/11/25 17:37	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		12/10/25 15:29	12/11/25 17:37	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		12/10/25 15:29	12/11/25 17:37	1
2-Chlorophenol	ND		10.3	0.863	ug/L		12/10/25 15:29	12/11/25 17:37	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		12/10/25 15:29	12/11/25 17:37	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-1
Lab Sample ID: 752-39945-1
Date Collected: 12/04/25 10:45
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.3	0.781	ug/L		12/10/25 15:29	12/11/25 17:37	1
2-Nitroaniline	ND		10.3	1.41	ug/L		12/10/25 15:29	12/11/25 17:37	1
2-Nitrophenol	ND		10.3	1.20	ug/L		12/10/25 15:29	12/11/25 17:37	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		12/10/25 15:29	12/11/25 17:37	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		12/10/25 15:29	12/11/25 17:37	1
3-Nitroaniline	ND		10.3	0.976	ug/L		12/10/25 15:29	12/11/25 17:37	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		12/10/25 15:29	12/11/25 17:37	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		12/10/25 15:29	12/11/25 17:37	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		12/10/25 15:29	12/11/25 17:37	1
4-Chloroaniline	ND		10.3	0.596	ug/L		12/10/25 15:29	12/11/25 17:37	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		12/10/25 15:29	12/11/25 17:37	1
4-Nitroaniline	ND		10.3	3.60	ug/L		12/10/25 15:29	12/11/25 17:37	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/10/25 15:29	12/11/25 17:37	1
Acenaphthene	ND		10.3	0.647	ug/L		12/10/25 15:29	12/11/25 17:37	1
Acenaphthylene	ND		10.3	0.781	ug/L		12/10/25 15:29	12/11/25 17:37	1
Acetophenone	ND		10.3	3.29	ug/L		12/10/25 15:29	12/11/25 17:37	1
Anthracene	ND		10.3	0.935	ug/L		12/10/25 15:29	12/11/25 17:37	1
Atrazine	ND		10.3	1.16	ug/L		12/10/25 15:29	12/11/25 17:37	1
Benzaldehyde	ND		10.3	0.688	ug/L		12/10/25 15:29	12/11/25 17:37	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/10/25 15:29	12/11/25 17:37	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/10/25 15:29	12/11/25 17:37	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		12/10/25 15:29	12/11/25 17:37	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		12/10/25 15:29	12/11/25 17:37	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		12/10/25 15:29	12/11/25 17:37	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		12/10/25 15:29	12/11/25 17:37	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		12/10/25 15:29	12/11/25 17:37	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		12/10/25 15:29	12/11/25 17:37	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		12/10/25 15:29	12/11/25 17:37	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		12/10/25 15:29	12/11/25 17:37	1
Caprolactam	ND		10.3	2.47	ug/L		12/10/25 15:29	12/11/25 17:37	1
Carbazole	ND		10.3	0.329	ug/L		12/10/25 15:29	12/11/25 17:37	1
Chrysene	ND		10.3	1.23	ug/L		12/10/25 15:29	12/11/25 17:37	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/10/25 15:29	12/11/25 17:37	1
Dibenzofuran	ND		10.3	0.658	ug/L		12/10/25 15:29	12/11/25 17:37	1
Diethyl phthalate	ND		10.3	4.11	ug/L		12/10/25 15:29	12/11/25 17:37	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		12/10/25 15:29	12/11/25 17:37	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		12/10/25 15:29	12/11/25 17:37	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		12/10/25 15:29	12/11/25 17:37	1
Fluoranthene	ND		10.3	0.647	ug/L		12/10/25 15:29	12/11/25 17:37	1
Fluorene	ND		10.3	0.688	ug/L		12/10/25 15:29	12/11/25 17:37	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		12/10/25 15:29	12/11/25 17:37	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		12/10/25 15:29	12/11/25 17:37	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		12/10/25 15:29	12/11/25 17:37	1
Hexachloroethane	ND		10.3	0.545	ug/L		12/10/25 15:29	12/11/25 17:37	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/10/25 15:29	12/11/25 17:37	1
Isophorone	ND		10.3	0.822	ug/L		12/10/25 15:29	12/11/25 17:37	1
Naphthalene	ND		10.3	0.771	ug/L		12/10/25 15:29	12/11/25 17:37	1
Nitrobenzene	ND		10.3	0.616	ug/L		12/10/25 15:29	12/11/25 17:37	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		12/10/25 15:29	12/11/25 17:37	1

Client Sample ID: MW-1
Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.3	0.195	ug/L		12/10/25 15:29	12/11/25 17:37	1
Pentachlorophenol	ND		10.3	2.88	ug/L		12/10/25 15:29	12/11/25 17:37	1
Phenanthrene	ND		10.3	0.760	ug/L		12/10/25 15:29	12/11/25 17:37	1
Phenol	ND		10.3	0.699	ug/L		12/10/25 15:29	12/11/25 17:37	1
Pyrene	ND		10.3	0.647	ug/L		12/10/25 15:29	12/11/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*12/10/25 15:29*	*12/11/25 17:37*	*1*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*	*12/10/25 15:29*	*12/11/25 17:37*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 150*	*12/10/25 15:29*	*12/11/25 17:37*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*12/10/25 15:29*	*12/11/25 17:37*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*12/10/25 15:29*	*12/11/25 17:37*	*1*
Terphenyl-d14 (Surr)	*61*		*28 - 150*	*12/10/25 15:29*	*12/11/25 17:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**4.25**	**J**	5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:00	1
Arsenic	**4.45**	**J**	5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:00	1
Barium	**139**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:00	1
Beryllium	ND		5.00	0.735	ug/L		12/08/25 07:15	12/09/25 21:29	5
Cadmium	ND		3.50	1.19	ug/L		12/08/25 07:15	12/09/25 21:29	5
Chromium	ND		25.0	18.5	ug/L		12/08/25 07:15	12/09/25 21:29	5
Cobalt	**3.97**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:00	1
Copper	ND		10.0	3.21	ug/L		12/08/25 07:15	12/09/25 21:29	5
Lead	ND		5.00	4.32	ug/L		12/08/25 07:15	12/09/25 21:29	5
Manganese	**83.7**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:00	1
Nickel	**4.45**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:00	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:00	1
Silver	**0.333**	**J**	1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:00	1
Thallium	ND		5.00	0.950	ug/L		12/08/25 07:15	12/09/25 21:29	5
Vanadium	**12.8**		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:00	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 18:26	12/12/25 00:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 15:28	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:36	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.144**		0.100	0.0100	mg/L			12/11/25 13:57	1
Nitrate as N (SM Nitrate by calc)	**0.144**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**65.7**		10.0	2.80	mg/L			12/08/25 16:22	2

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

Job ID: 752-39945-1

Client Sample ID: MW-2
Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F2 *+	25.0	10.0	ug/L			12/15/25 13:01	1
Benzene	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
Bromobenzene	ND	F2	1.00	0.540	ug/L			12/15/25 13:01	1
Bromoform	ND	F2	5.00	0.250	ug/L			12/15/25 13:01	1
Bromomethane	ND	F1 *+	1.00	0.980	ug/L			12/15/25 13:01	1
2-Butanone (MEK)	ND	F2	25.0	2.60	ug/L			12/15/25 13:01	1
Carbon disulfide	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
Carbon tetrachloride	ND	F2	1.00	0.460	ug/L			12/15/25 13:01	1
Chlorobenzene	ND	F2	1.00	0.420	ug/L			12/15/25 13:01	1
Chlorobromomethane	ND	F2	1.00	0.520	ug/L			12/15/25 13:01	1
Chlorodibromomethane	ND	F2	1.00	0.610	ug/L			12/15/25 13:01	1
Chloroethane	ND		1.00	0.760	ug/L			12/15/25 13:01	1
Chloroform	ND	F2	1.00	0.900	ug/L			12/15/25 13:01	1
Chloromethane	ND		1.00	0.840	ug/L			12/15/25 13:01	1
2-Chlorotoluene	ND	F2	1.00	0.570	ug/L			12/15/25 13:01	1
4-Chlorotoluene	ND	F2	1.00	0.560	ug/L			12/15/25 13:01	1
cis-1,2-Dichloroethene	ND	F2	1.00	0.760	ug/L			12/15/25 13:01	1
cis-1,3-Dichloropropene	ND	F2	5.00	0.500	ug/L			12/15/25 13:01	1
1,2-Dibromo-3-Chloropropane	ND	F2	5.00	1.50	ug/L			12/15/25 13:01	1
Dibromomethane	ND	F2	5.00	0.220	ug/L			12/15/25 13:01	1
1,2-Dichlorobenzene	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,3-Dichlorobenzene	ND	F2	1.00	0.540	ug/L			12/15/25 13:01	1
1,4-Dichlorobenzene	ND	F2	1.00	0.640	ug/L			12/15/25 13:01	1
Dichlorobromomethane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,1-Dichloroethane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,2-Dichloroethane	ND	F2	1.00	0.550	ug/L			12/15/25 13:01	1
1,1-Dichloroethene	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,2-Dichloropropane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,3-Dichloropropane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
2,2-Dichloropropane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,1-Dichloropropene	ND	F2	1.00	0.340	ug/L			12/15/25 13:01	1
Ethyl acetate	ND	F2	10.0	6.14	ug/L			12/15/25 13:01	1
Ethylbenzene	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
Ethylene Dibromide	ND	F2	1.00	0.230	ug/L			12/15/25 13:01	1
Hexachlorobutadiene	ND	F2	5.00	0.900	ug/L			12/15/25 13:01	1
Hexane	ND	F2	1.00	0.960	ug/L			12/15/25 13:01	1
2-Hexanone	ND	F2 F1	25.0	9.10	ug/L			12/15/25 13:01	1
Iodomethane	ND		1.00	0.900	ug/L			12/15/25 13:01	1
Isopropylbenzene	ND	F2	1.00	0.530	ug/L			12/15/25 13:01	1
Isopropyl ether	ND	F2 F1	1.00	0.740	ug/L			12/15/25 13:01	1
4-Isopropyltoluene	ND	F2	1.00	0.710	ug/L			12/15/25 13:01	1
Methylene Chloride	ND	F2	5.00	4.00	ug/L			12/15/25 13:01	1
4-Methyl-2-pentanone (MIBK)	ND	F2	25.0	1.80	ug/L			12/15/25 13:01	1
Methyl tert-butyl ether	ND	F2	1.00	0.220	ug/L			12/15/25 13:01	1
m-Xylene & p-Xylene	ND	F2	5.00	3.00	ug/L			12/15/25 13:01	1
Naphthalene	**3.21**	**J F2**	5.00	3.00	ug/L			12/15/25 13:01	1
n-Butylbenzene	ND	F2	1.00	0.760	ug/L			12/15/25 13:01	1
n-Heptane	ND	F2	1.00	0.690	ug/L			12/15/25 13:01	1
N-Propylbenzene	ND	F2	1.00	0.690	ug/L			12/15/25 13:01	1

Client Sample ID: MW-2
Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-2
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	F2	5.00	3.00	ug/L			12/15/25 13:01	1
sec-Butylbenzene	ND	F2	1.00	0.700	ug/L			12/15/25 13:01	1
Styrene	ND	F2	1.00	1.00	ug/L			12/15/25 13:01	1
tert-Butylbenzene	ND	F2	1.00	0.630	ug/L			12/15/25 13:01	1
1,1,1,2-Tetrachloroethane	ND	F2	1.00	0.380	ug/L			12/15/25 13:01	1
1,1,2,2-Tetrachloroethane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
Tetrachloroethene	ND	F2	1.00	0.330	ug/L			12/15/25 13:01	1
Toluene	ND	F2	1.00	0.900	ug/L			12/15/25 13:01	1
trans-1,4-Dichloro-2-butene	ND	F2	5.00	1.00	ug/L			12/15/25 13:01	1
trans-1,2-Dichloroethene	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
trans-1,3-Dichloropropene	ND	F2	5.00	0.470	ug/L			12/15/25 13:01	1
1,2,3-Trichlorobenzene	ND	F2	1.00	0.900	ug/L			12/15/25 13:01	1
1,2,4-Trichlorobenzene	ND	F2	1.00	0.820	ug/L			12/15/25 13:01	1
1,1,1-Trichloroethane	ND	F2	1.00	0.390	ug/L			12/15/25 13:01	1
1,1,2-Trichloroethane	ND	F2	5.00	1.00	ug/L			12/15/25 13:01	1
Trichloroethene	ND	F2	1.00	0.480	ug/L			12/15/25 13:01	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/15/25 13:01	1
1,2,3-Trichloropropane	ND	F2	5.00	0.840	ug/L			12/15/25 13:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	1.00	0.500	ug/L			12/15/25 13:01	1
1,2,4-Trimethylbenzene	ND	F2	1.00	0.820	ug/L			12/15/25 13:01	1
1,3,5-Trimethylbenzene	ND	F2	1.00	0.560	ug/L			12/15/25 13:01	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/15/25 13:01	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/15/25 13:01	1
Xylenes, Total	ND	F2	10.0	6.00	ug/L			12/15/25 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/15/25 13:01*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/15/25 13:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*59 - 146*		*12/15/25 13:01*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/15/25 13:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.277	0.277	ug/L		12/09/25 17:38	12/11/25 12:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/09/25 17:38*	*12/11/25 12:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		12/10/25 15:29	12/11/25 18:07	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		12/10/25 15:29	12/11/25 18:07	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		12/10/25 15:29	12/11/25 18:07	1
2-Chlorophenol	ND		9.93	0.834	ug/L		12/10/25 15:29	12/11/25 18:07	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		12/10/25 15:29	12/11/25 18:07	1

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

Job ID: 752-39945-1

Client Sample ID: MW-2
Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.93	0.755	ug/L		12/10/25 15:29	12/11/25 18:07	1
2-Nitroaniline	ND		9.93	1.36	ug/L		12/10/25 15:29	12/11/25 18:07	1
2-Nitrophenol	ND		9.93	1.16	ug/L		12/10/25 15:29	12/11/25 18:07	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		12/10/25 15:29	12/11/25 18:07	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		12/10/25 15:29	12/11/25 18:07	1
3-Nitroaniline	ND		9.93	0.944	ug/L		12/10/25 15:29	12/11/25 18:07	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		12/10/25 15:29	12/11/25 18:07	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		12/10/25 15:29	12/11/25 18:07	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		12/10/25 15:29	12/11/25 18:07	1
4-Chloroaniline	ND		9.93	0.576	ug/L		12/10/25 15:29	12/11/25 18:07	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		12/10/25 15:29	12/11/25 18:07	1
4-Nitroaniline	ND		9.93	3.48	ug/L		12/10/25 15:29	12/11/25 18:07	1
4-Nitrophenol	ND		9.93	2.72	ug/L		12/10/25 15:29	12/11/25 18:07	1
Acenaphthene	ND		9.93	0.626	ug/L		12/10/25 15:29	12/11/25 18:07	1
Acenaphthylene	ND		9.93	0.755	ug/L		12/10/25 15:29	12/11/25 18:07	1
Acetophenone	ND		9.93	3.18	ug/L		12/10/25 15:29	12/11/25 18:07	1
Anthracene	ND		9.93	0.904	ug/L		12/10/25 15:29	12/11/25 18:07	1
Atrazine	ND		9.93	1.12	ug/L		12/10/25 15:29	12/11/25 18:07	1
Benzaldehyde	ND		9.93	0.666	ug/L		12/10/25 15:29	12/11/25 18:07	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		12/10/25 15:29	12/11/25 18:07	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		12/10/25 15:29	12/11/25 18:07	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		12/10/25 15:29	12/11/25 18:07	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		12/10/25 15:29	12/11/25 18:07	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		12/10/25 15:29	12/11/25 18:07	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		12/10/25 15:29	12/11/25 18:07	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		12/10/25 15:29	12/11/25 18:07	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		12/10/25 15:29	12/11/25 18:07	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 18:07	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 18:07	1
Carbazole	**2.51**	**J**	9.93	0.318	ug/L		12/10/25 15:29	12/11/25 18:07	1
Chrysene	ND		9.93	1.19	ug/L		12/10/25 15:29	12/11/25 18:07	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		12/10/25 15:29	12/11/25 18:07	1
Dibenzofuran	ND		9.93	0.636	ug/L		12/10/25 15:29	12/11/25 18:07	1
Diethyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 18:07	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 18:07	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		12/10/25 15:29	12/11/25 18:07	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 18:07	1
Fluoranthene	ND		9.93	0.626	ug/L		12/10/25 15:29	12/11/25 18:07	1
Fluorene	ND		9.93	0.666	ug/L		12/10/25 15:29	12/11/25 18:07	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		12/10/25 15:29	12/11/25 18:07	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		12/10/25 15:29	12/11/25 18:07	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		12/10/25 15:29	12/11/25 18:07	1
Hexachloroethane	ND		9.93	0.526	ug/L		12/10/25 15:29	12/11/25 18:07	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		12/10/25 15:29	12/11/25 18:07	1
Isophorone	ND		9.93	0.795	ug/L		12/10/25 15:29	12/11/25 18:07	1
Naphthalene	ND		9.93	0.745	ug/L		12/10/25 15:29	12/11/25 18:07	1
Nitrobenzene	ND		9.93	0.596	ug/L		12/10/25 15:29	12/11/25 18:07	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		12/10/25 15:29	12/11/25 18:07	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		12/10/25 15:29	12/11/25 18:07	1

Client Sample ID: MW-2

Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.93	2.78	ug/L		12/10/25 15:29	12/11/25 18:07	1
Phenanthrene	ND		9.93	0.735	ug/L		12/10/25 15:29	12/11/25 18:07	1
Phenol	ND		9.93	0.675	ug/L		12/10/25 15:29	12/11/25 18:07	1
Pyrene	ND		9.93	0.626	ug/L		12/10/25 15:29	12/11/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 150*	*12/10/25 15:29*	*12/11/25 18:07*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*12/10/25 15:29*	*12/11/25 18:07*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 150*	*12/10/25 15:29*	*12/11/25 18:07*	*1*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*	*12/10/25 15:29*	*12/11/25 18:07*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/10/25 15:29*	*12/11/25 18:07*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*12/10/25 15:29*	*12/11/25 18:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	**7.71**	**J**	9.93	2.38	ug/L		12/10/25 15:29	12/13/25 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:10	1
Arsenic	**3.32**	**J**	5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:10	1
Barium	**508**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:10	1
Beryllium	**0.635**	**J**	1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:10	1
Cadmium	**0.344**	**J**	0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:10	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:10	1
Cobalt	**2.69**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:10	1
Copper	**1.01**	**J**	2.00	0.642	ug/L		12/08/25 07:15	12/14/25 19:02	1
Lead	**1.83**		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:10	1
Manganese	**232**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:10	1
Nickel	**3.12**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:10	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:10	1
Silver	**0.179**	**J**	1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:10	1
Thallium	**0.411**	**J B**	1.00	0.190	ug/L		12/08/25 07:15	12/14/25 19:02	1
Vanadium	**2.50**	**J**	5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:10	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 18:26	12/12/25 00:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:20	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:37	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/11/25 13:59	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**15.7**		5.00	1.40	mg/L			12/08/25 16:03	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-3
Lab Sample ID: 752-39945-3
Date Collected: 12/04/25 11:55
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 15:56	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 15:56	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 15:56	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 15:56	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 15:56	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 15:56	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 15:56	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 15:56	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 15:56	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 15:56	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 15:56	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 15:56	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 15:56	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 15:56	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 15:56	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 15:56	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 15:56	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 15:56	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 15:56	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 15:56	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 15:56	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 15:56	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 15:56	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 15:56	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 15:56	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 15:56	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 15:56	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 15:56	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 15:56	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 15:56	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 15:56	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 15:56	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 15:56	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 15:56	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 15:56	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 15:56	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 15:56	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 15:56	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 15:56	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 15:56	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 15:56	1

Client Sample ID: MW-3
Date Collected: 12/04/25 11:55
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 15:56	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 15:56	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 15:56	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 15:56	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 15:56	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 15:56	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 15:56	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 15:56	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 15:56	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 15:56	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 15:56	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 15:56	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 15:56	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 15:56	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 15:56	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 15:56	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 15:56	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 15:56	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 15:56	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 15:56	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 15:56	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/12/25 15:56*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*12/12/25 15:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*59 - 146*		*12/12/25 15:56*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/12/25 15:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.297	0.297	ug/L		12/09/25 17:38	12/11/25 13:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*12/09/25 17:38*	*12/11/25 13:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		12/10/25 15:29	12/11/25 18:37	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		12/10/25 15:29	12/11/25 18:37	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		12/10/25 15:29	12/11/25 18:37	1
2-Chlorophenol	ND		10.0	0.843	ug/L		12/10/25 15:29	12/11/25 18:37	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		12/10/25 15:29	12/11/25 18:37	1

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

Job ID: 752-39945-1

Client Sample ID: MW-3
Date Collected: 12/04/25 11:55
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		12/10/25 15:29	12/11/25 18:37	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/10/25 15:29	12/11/25 18:37	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/10/25 15:29	12/11/25 18:37	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		12/10/25 15:29	12/11/25 18:37	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		12/10/25 15:29	12/11/25 18:37	1
3-Nitroaniline	ND		10.0	0.953	ug/L		12/10/25 15:29	12/11/25 18:37	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		12/10/25 15:29	12/11/25 18:37	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/10/25 15:29	12/11/25 18:37	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		12/10/25 15:29	12/11/25 18:37	1
4-Chloroaniline	ND		10.0	0.582	ug/L		12/10/25 15:29	12/11/25 18:37	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		12/10/25 15:29	12/11/25 18:37	1
4-Nitroaniline	ND		10.0	3.51	ug/L		12/10/25 15:29	12/11/25 18:37	1
4-Nitrophenol	ND		10.0	2.75	ug/L		12/10/25 15:29	12/11/25 18:37	1
Acenaphthene	ND		10.0	0.632	ug/L		12/10/25 15:29	12/11/25 18:37	1
Acenaphthylene	ND		10.0	0.763	ug/L		12/10/25 15:29	12/11/25 18:37	1
Acetophenone	ND		10.0	3.21	ug/L		12/10/25 15:29	12/11/25 18:37	1
Anthracene	ND		10.0	0.913	ug/L		12/10/25 15:29	12/11/25 18:37	1
Atrazine	ND		10.0	1.13	ug/L		12/10/25 15:29	12/11/25 18:37	1
Benzaldehyde	ND		10.0	0.672	ug/L		12/10/25 15:29	12/11/25 18:37	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/10/25 15:29	12/11/25 18:37	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 18:37	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 18:37	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		12/10/25 15:29	12/11/25 18:37	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		12/10/25 15:29	12/11/25 18:37	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		12/10/25 15:29	12/11/25 18:37	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		12/10/25 15:29	12/11/25 18:37	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		12/10/25 15:29	12/11/25 18:37	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 18:37	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 18:37	1
Caprolactam	ND		10.0	2.41	ug/L		12/10/25 15:29	12/11/25 18:37	1
Carbazole	ND		10.0	0.321	ug/L		12/10/25 15:29	12/11/25 18:37	1
Chrysene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 18:37	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/10/25 15:29	12/11/25 18:37	1
Dibenzofuran	ND		10.0	0.642	ug/L		12/10/25 15:29	12/11/25 18:37	1
Diethyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 18:37	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 18:37	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		12/10/25 15:29	12/11/25 18:37	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 18:37	1
Fluoranthene	ND		10.0	0.632	ug/L		12/10/25 15:29	12/11/25 18:37	1
Fluorene	ND		10.0	0.672	ug/L		12/10/25 15:29	12/11/25 18:37	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		12/10/25 15:29	12/11/25 18:37	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		12/10/25 15:29	12/11/25 18:37	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		12/10/25 15:29	12/11/25 18:37	1
Hexachloroethane	ND		10.0	0.532	ug/L		12/10/25 15:29	12/11/25 18:37	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 18:37	1
Isophorone	ND		10.0	0.803	ug/L		12/10/25 15:29	12/11/25 18:37	1
Naphthalene	ND		10.0	0.753	ug/L		12/10/25 15:29	12/11/25 18:37	1
Nitrobenzene	ND		10.0	0.602	ug/L		12/10/25 15:29	12/11/25 18:37	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		12/10/25 15:29	12/11/25 18:37	1

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

Job ID: 752-39945-1

Client Sample ID: MW-3

Date Collected: 12/04/25 11:55
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		12/10/25 15:29	12/11/25 18:37	1
Pentachlorophenol	ND		10.0	2.81	ug/L		12/10/25 15:29	12/11/25 18:37	1
Phenanthrene	ND		10.0	0.742	ug/L		12/10/25 15:29	12/11/25 18:37	1
Phenol	ND		10.0	0.682	ug/L		12/10/25 15:29	12/11/25 18:37	1
Pyrene	ND		10.0	0.632	ug/L		12/10/25 15:29	12/11/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*12/10/25 15:29*	*12/11/25 18:37*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*12/10/25 15:29*	*12/11/25 18:37*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*12/10/25 15:29*	*12/11/25 18:37*	*1*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*	*12/10/25 15:29*	*12/11/25 18:37*	*1*
Phenol-d5 (Surr)	*80*		*10 - 150*	*12/10/25 15:29*	*12/11/25 18:37*	*1*
Terphenyl-d14 (Surr)	*62*		*28 - 150*	*12/10/25 15:29*	*12/11/25 18:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:13	1
Arsenic	**6.83**		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:13	1
Barium	**466**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:13	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:13	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:13	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:13	1
Cobalt	**0.610**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:13	1
Copper	**1.24**	**J**	2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:13	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:13	1
Manganese	**231**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:13	1
Nickel	**2.03**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:13	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:13	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:13	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:13	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:13	1
Zinc	**331**		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:23	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:38	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0150**	**J**	0.100	0.0100	mg/L			12/11/25 15:31	1
Nitrate as N (SM Nitrate by calc)	**0.0150**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**9.15**		5.00	1.40	mg/L			12/08/25 16:03	1

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

Job ID: 752-39945-1

Client Sample ID: MW-4
Date Collected: 12/04/25 12:40
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 16:23	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 16:23	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 16:23	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 16:23	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 16:23	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 16:23	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 16:23	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 16:23	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 16:23	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 16:23	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 16:23	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 16:23	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 16:23	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 16:23	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 16:23	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 16:23	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 16:23	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 16:23	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 16:23	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 16:23	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 16:23	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 16:23	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 16:23	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 16:23	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 16:23	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 16:23	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 16:23	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 16:23	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 16:23	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 16:23	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 16:23	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 16:23	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 16:23	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 16:23	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 16:23	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 16:23	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:23	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 16:23	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 16:23	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 16:23	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 16:23	1

Client Sample ID: MW-4
Date Collected: 12/04/25 12:40
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:23	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 16:23	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 16:23	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 16:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 16:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 16:23	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 16:23	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 16:23	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:23	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 16:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 16:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 16:23	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 16:23	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 16:23	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 16:23	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 16:23	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 16:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 16:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 16:23	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 16:23	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 16:23	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/12/25 16:23*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*12/12/25 16:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*59 - 146*		*12/12/25 16:23*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/12/25 16:23*	*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	ND		0.294	0.294	ug/L		12/09/25 17:38	12/11/25 13:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*12/09/25 17:38*	*12/11/25 13:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		12/10/25 15:29	12/11/25 19:07	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		12/10/25 15:29	12/11/25 19:07	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		12/10/25 15:29	12/11/25 19:07	1
2-Chlorophenol	ND		9.97	0.837	ug/L		12/10/25 15:29	12/11/25 19:07	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		12/10/25 15:29	12/11/25 19:07	1

Client Sample ID: MW-4
Lab Sample ID: 752-39945-4
Date Collected: 12/04/25 12:40
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.97	0.757	ug/L		12/10/25 15:29	12/11/25 19:07	1
2-Nitroaniline	ND		9.97	1.37	ug/L		12/10/25 15:29	12/11/25 19:07	1
2-Nitrophenol	ND		9.97	1.17	ug/L		12/10/25 15:29	12/11/25 19:07	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		12/10/25 15:29	12/11/25 19:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		12/10/25 15:29	12/11/25 19:07	1
3-Nitroaniline	ND		9.97	0.947	ug/L		12/10/25 15:29	12/11/25 19:07	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		12/10/25 15:29	12/11/25 19:07	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		12/10/25 15:29	12/11/25 19:07	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		12/10/25 15:29	12/11/25 19:07	1
4-Chloroaniline	ND		9.97	0.578	ug/L		12/10/25 15:29	12/11/25 19:07	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		12/10/25 15:29	12/11/25 19:07	1
4-Nitroaniline	ND		9.97	3.49	ug/L		12/10/25 15:29	12/11/25 19:07	1
4-Nitrophenol	ND		9.97	2.73	ug/L		12/10/25 15:29	12/11/25 19:07	1
Acenaphthene	ND		9.97	0.628	ug/L		12/10/25 15:29	12/11/25 19:07	1
Acenaphthylene	ND		9.97	0.757	ug/L		12/10/25 15:29	12/11/25 19:07	1
Acetophenone	ND		9.97	3.19	ug/L		12/10/25 15:29	12/11/25 19:07	1
Anthracene	ND		9.97	0.907	ug/L		12/10/25 15:29	12/11/25 19:07	1
Atrazine	ND		9.97	1.13	ug/L		12/10/25 15:29	12/11/25 19:07	1
Benzaldehyde	ND		9.97	0.668	ug/L		12/10/25 15:29	12/11/25 19:07	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		12/10/25 15:29	12/11/25 19:07	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		12/10/25 15:29	12/11/25 19:07	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		12/10/25 15:29	12/11/25 19:07	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		12/10/25 15:29	12/11/25 19:07	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		12/10/25 15:29	12/11/25 19:07	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		12/10/25 15:29	12/11/25 19:07	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		12/10/25 15:29	12/11/25 19:07	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		12/10/25 15:29	12/11/25 19:07	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		12/10/25 15:29	12/11/25 19:07	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		12/10/25 15:29	12/11/25 19:07	1
Caprolactam	ND		9.97	2.39	ug/L		12/10/25 15:29	12/11/25 19:07	1
Carbazole	ND		9.97	0.319	ug/L		12/10/25 15:29	12/11/25 19:07	1
Chrysene	ND		9.97	1.20	ug/L		12/10/25 15:29	12/11/25 19:07	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		12/10/25 15:29	12/11/25 19:07	1
Dibenzofuran	ND		9.97	0.638	ug/L		12/10/25 15:29	12/11/25 19:07	1
Diethyl phthalate	ND		9.97	3.99	ug/L		12/10/25 15:29	12/11/25 19:07	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		12/10/25 15:29	12/11/25 19:07	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		12/10/25 15:29	12/11/25 19:07	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		12/10/25 15:29	12/11/25 19:07	1
Fluoranthene	ND		9.97	0.628	ug/L		12/10/25 15:29	12/11/25 19:07	1
Fluorene	ND		9.97	0.668	ug/L		12/10/25 15:29	12/11/25 19:07	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		12/10/25 15:29	12/11/25 19:07	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		12/10/25 15:29	12/11/25 19:07	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		12/10/25 15:29	12/11/25 19:07	1
Hexachloroethane	ND		9.97	0.528	ug/L		12/10/25 15:29	12/11/25 19:07	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		12/10/25 15:29	12/11/25 19:07	1
Isophorone	ND		9.97	0.797	ug/L		12/10/25 15:29	12/11/25 19:07	1
Naphthalene	ND		9.97	0.748	ug/L		12/10/25 15:29	12/11/25 19:07	1
Nitrobenzene	ND		9.97	0.598	ug/L		12/10/25 15:29	12/11/25 19:07	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		12/10/25 15:29	12/11/25 19:07	1

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

Job ID: 752-39945-1

Client Sample ID: MW-4

Date Collected: 12/04/25 12:40
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		12/10/25 15:29	12/11/25 19:07	1
Pentachlorophenol	ND		9.97	2.79	ug/L		12/10/25 15:29	12/11/25 19:07	1
Phenanthrene	ND		9.97	0.738	ug/L		12/10/25 15:29	12/11/25 19:07	1
Phenol	ND		9.97	0.678	ug/L		12/10/25 15:29	12/11/25 19:07	1
Pyrene	ND		9.97	0.628	ug/L		12/10/25 15:29	12/11/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 150*	*12/10/25 15:29*	*12/11/25 19:07*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*12/10/25 15:29*	*12/11/25 19:07*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*12/10/25 15:29*	*12/11/25 19:07*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*12/10/25 15:29*	*12/11/25 19:07*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*12/10/25 15:29*	*12/11/25 19:07*	*1*
Terphenyl-d14 (Surr)	*65*		*28 - 150*	*12/10/25 15:29*	*12/11/25 19:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:16	1
Arsenic	**4.34**	**J**	5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:16	1
Barium	**404**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:16	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:16	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:16	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:16	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:16	1
Copper	ND		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:16	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:16	1
Manganese	**166**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:16	1
Nickel	**1.01**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:16	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:16	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:16	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:16	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:16	1
Zinc	ND		50.0	44.6	ug/L		12/08/25 07:15	12/09/25 21:32	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:25	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:39	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0680**	**J**	0.100	0.0100	mg/L			12/11/25 15:33	1
Nitrate as N (SM Nitrate by calc)	**0.0680**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**4.69**	**J**	5.00	1.40	mg/L			12/08/25 16:04	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-5
Lab Sample ID: 752-39945-5
Date Collected: 12/04/25 13:55
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 16:49	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 16:49	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 16:49	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 16:49	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 16:49	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 16:49	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 16:49	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 16:49	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 16:49	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 16:49	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 16:49	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 16:49	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 16:49	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 16:49	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 16:49	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 16:49	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 16:49	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 16:49	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 16:49	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 16:49	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 16:49	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 16:49	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 16:49	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 16:49	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 16:49	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 16:49	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 16:49	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 16:49	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 16:49	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 16:49	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 16:49	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 16:49	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 16:49	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 16:49	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 16:49	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 16:49	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 16:49	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:49	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 16:49	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 16:49	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 16:49	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 16:49	1

Client Sample ID: MW-5
Date Collected: 12/04/25 13:55
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:49	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 16:49	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 16:49	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 16:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 16:49	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 16:49	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 16:49	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 16:49	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:49	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 16:49	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 16:49	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 16:49	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 16:49	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 16:49	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 16:49	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 16:49	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 16:49	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 16:49	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 16:49	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 16:49	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 16:49	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/12/25 16:49*	*1*
Dibromofluoromethane	*109*		*79 - 130*		*12/12/25 16:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/12/25 16:49*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/12/25 16:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		12/09/25 17:38	12/11/25 13:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/09/25 17:38*	*12/11/25 13:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		12/10/25 15:29	12/11/25 19:37	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		12/10/25 15:29	12/11/25 19:37	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		12/10/25 15:29	12/11/25 19:37	1
2-Chlorophenol	ND		10.0	0.843	ug/L		12/10/25 15:29	12/11/25 19:37	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		12/10/25 15:29	12/11/25 19:37	1

Client Sample ID: MW-5
Lab Sample ID: 752-39945-5
Date Collected: 12/04/25 13:55
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		12/10/25 15:29	12/11/25 19:37	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/10/25 15:29	12/11/25 19:37	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/10/25 15:29	12/11/25 19:37	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		12/10/25 15:29	12/11/25 19:37	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		12/10/25 15:29	12/11/25 19:37	1
3-Nitroaniline	ND		10.0	0.953	ug/L		12/10/25 15:29	12/11/25 19:37	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		12/10/25 15:29	12/11/25 19:37	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/10/25 15:29	12/11/25 19:37	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		12/10/25 15:29	12/11/25 19:37	1
4-Chloroaniline	ND		10.0	0.582	ug/L		12/10/25 15:29	12/11/25 19:37	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		12/10/25 15:29	12/11/25 19:37	1
4-Nitroaniline	ND		10.0	3.51	ug/L		12/10/25 15:29	12/11/25 19:37	1
4-Nitrophenol	ND		10.0	2.75	ug/L		12/10/25 15:29	12/11/25 19:37	1
Acenaphthene	ND		10.0	0.632	ug/L		12/10/25 15:29	12/11/25 19:37	1
Acenaphthylene	ND		10.0	0.763	ug/L		12/10/25 15:29	12/11/25 19:37	1
Acetophenone	ND		10.0	3.21	ug/L		12/10/25 15:29	12/11/25 19:37	1
Anthracene	ND		10.0	0.913	ug/L		12/10/25 15:29	12/11/25 19:37	1
Atrazine	ND		10.0	1.13	ug/L		12/10/25 15:29	12/11/25 19:37	1
Benzaldehyde	ND		10.0	0.672	ug/L		12/10/25 15:29	12/11/25 19:37	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/10/25 15:29	12/11/25 19:37	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 19:37	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 19:37	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		12/10/25 15:29	12/11/25 19:37	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		12/10/25 15:29	12/11/25 19:37	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		12/10/25 15:29	12/11/25 19:37	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		12/10/25 15:29	12/11/25 19:37	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		12/10/25 15:29	12/11/25 19:37	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 19:37	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 19:37	1
Caprolactam	ND		10.0	2.41	ug/L		12/10/25 15:29	12/11/25 19:37	1
Carbazole	ND		10.0	0.321	ug/L		12/10/25 15:29	12/11/25 19:37	1
Chrysene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 19:37	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/10/25 15:29	12/11/25 19:37	1
Dibenzofuran	ND		10.0	0.642	ug/L		12/10/25 15:29	12/11/25 19:37	1
Diethyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 19:37	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 19:37	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		12/10/25 15:29	12/11/25 19:37	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		12/10/25 15:29	12/11/25 19:37	1
Fluoranthene	ND		10.0	0.632	ug/L		12/10/25 15:29	12/11/25 19:37	1
Fluorene	ND		10.0	0.672	ug/L		12/10/25 15:29	12/11/25 19:37	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		12/10/25 15:29	12/11/25 19:37	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		12/10/25 15:29	12/11/25 19:37	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		12/10/25 15:29	12/11/25 19:37	1
Hexachloroethane	ND		10.0	0.532	ug/L		12/10/25 15:29	12/11/25 19:37	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 19:37	1
Isophorone	ND		10.0	0.803	ug/L		12/10/25 15:29	12/11/25 19:37	1
Naphthalene	ND		10.0	0.753	ug/L		12/10/25 15:29	12/11/25 19:37	1
Nitrobenzene	ND		10.0	0.602	ug/L		12/10/25 15:29	12/11/25 19:37	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		12/10/25 15:29	12/11/25 19:37	1

Client Sample ID: MW-5
Date Collected: 12/04/25 13:55
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		12/10/25 15:29	12/11/25 19:37	1
Pentachlorophenol	ND		10.0	2.81	ug/L		12/10/25 15:29	12/11/25 19:37	1
Phenanthrene	ND		10.0	0.742	ug/L		12/10/25 15:29	12/11/25 19:37	1
Phenol	ND		10.0	0.682	ug/L		12/10/25 15:29	12/11/25 19:37	1
Pyrene	ND		10.0	0.632	ug/L		12/10/25 15:29	12/11/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*12/10/25 15:29*	*12/11/25 19:37*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*12/10/25 15:29*	*12/11/25 19:37*	*1*
2-Fluorophenol (Surr)	*103*		*10 - 150*	*12/10/25 15:29*	*12/11/25 19:37*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*12/10/25 15:29*	*12/11/25 19:37*	*1*
Phenol-d5 (Surr)	*108*		*10 - 150*	*12/10/25 15:29*	*12/11/25 19:37*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*12/10/25 15:29*	*12/11/25 19:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:39	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:39	1
Barium	**102**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:39	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:39	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:39	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:39	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:39	1
Copper	ND		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:39	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:39	1
Manganese	**6.86**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:39	1
Nickel	ND		5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:39	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:39	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:39	1
Thallium	**0.490**	**J B**	1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:39	1
Vanadium	**13.5**		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:39	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:28	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:40	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.46**		0.100	0.0100	mg/L			12/11/25 15:35	1
Nitrate as N (SM Nitrate by calc)	**1.46**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**21.9**		5.00	1.40	mg/L			12/08/25 16:04	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-6
Lab Sample ID: 752-39945-6
Date Collected: 12/04/25 15:00
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 17:16	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 17:16	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 17:16	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 17:16	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 17:16	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 17:16	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 17:16	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 17:16	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 17:16	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 17:16	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 17:16	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 17:16	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 17:16	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 17:16	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 17:16	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 17:16	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 17:16	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 17:16	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 17:16	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 17:16	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 17:16	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 17:16	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 17:16	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 17:16	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 17:16	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 17:16	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 17:16	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 17:16	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 17:16	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 17:16	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 17:16	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 17:16	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 17:16	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 17:16	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 17:16	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 17:16	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:16	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 17:16	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 17:16	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 17:16	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 17:16	1

Client Sample ID: MW-6
Date Collected: 12/04/25 15:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:16	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 17:16	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 17:16	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 17:16	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 17:16	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 17:16	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 17:16	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 17:16	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:16	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 17:16	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 17:16	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 17:16	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 17:16	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 17:16	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 17:16	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 17:16	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 17:16	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 17:16	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 17:16	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 17:16	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 17:16	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/12/25 17:16*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*12/12/25 17:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*59 - 146*		*12/12/25 17:16*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/12/25 17:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.293	0.293	ug/L		12/09/25 17:38	12/11/25 14:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*12/09/25 17:38*	*12/11/25 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		10.2	0.430	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/10/25 15:29	12/11/25 20:06	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/10/25 15:29	12/11/25 20:06	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/10/25 15:29	12/11/25 20:06	1
2-Chlorophenol	ND		10.2	0.860	ug/L		12/10/25 15:29	12/11/25 20:06	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/10/25 15:29	12/11/25 20:06	1

Client Sample ID: MW-6
Lab Sample ID: 752-39945-6
Date Collected: 12/04/25 15:00
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.778	ug/L		12/10/25 15:29	12/11/25 20:06	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/10/25 15:29	12/11/25 20:06	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/10/25 15:29	12/11/25 20:06	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/10/25 15:29	12/11/25 20:06	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/10/25 15:29	12/11/25 20:06	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/10/25 15:29	12/11/25 20:06	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/10/25 15:29	12/11/25 20:06	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/10/25 15:29	12/11/25 20:06	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/10/25 15:29	12/11/25 20:06	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/10/25 15:29	12/11/25 20:06	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/10/25 15:29	12/11/25 20:06	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/10/25 15:29	12/11/25 20:06	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/10/25 15:29	12/11/25 20:06	1
Acenaphthene	ND		10.2	0.645	ug/L		12/10/25 15:29	12/11/25 20:06	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/10/25 15:29	12/11/25 20:06	1
Acetophenone	ND		10.2	3.28	ug/L		12/10/25 15:29	12/11/25 20:06	1
Anthracene	ND		10.2	0.932	ug/L		12/10/25 15:29	12/11/25 20:06	1
Atrazine	ND		10.2	1.16	ug/L		12/10/25 15:29	12/11/25 20:06	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/10/25 15:29	12/11/25 20:06	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/10/25 15:29	12/11/25 20:06	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/10/25 15:29	12/11/25 20:06	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/10/25 15:29	12/11/25 20:06	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/10/25 15:29	12/11/25 20:06	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/10/25 15:29	12/11/25 20:06	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/10/25 15:29	12/11/25 20:06	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/10/25 15:29	12/11/25 20:06	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		12/10/25 15:29	12/11/25 20:06	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/10/25 15:29	12/11/25 20:06	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/10/25 15:29	12/11/25 20:06	1
Caprolactam	ND		10.2	2.46	ug/L		12/10/25 15:29	12/11/25 20:06	1
Carbazole	ND		10.2	0.328	ug/L		12/10/25 15:29	12/11/25 20:06	1
Chrysene	ND		10.2	1.23	ug/L		12/10/25 15:29	12/11/25 20:06	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/10/25 15:29	12/11/25 20:06	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/10/25 15:29	12/11/25 20:06	1
Diethyl phthalate	ND		10.2	4.10	ug/L		12/10/25 15:29	12/11/25 20:06	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/10/25 15:29	12/11/25 20:06	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/10/25 15:29	12/11/25 20:06	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/10/25 15:29	12/11/25 20:06	1
Fluoranthene	ND		10.2	0.645	ug/L		12/10/25 15:29	12/11/25 20:06	1
Fluorene	ND		10.2	0.686	ug/L		12/10/25 15:29	12/11/25 20:06	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/10/25 15:29	12/11/25 20:06	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/10/25 15:29	12/11/25 20:06	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/10/25 15:29	12/11/25 20:06	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/10/25 15:29	12/11/25 20:06	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/10/25 15:29	12/11/25 20:06	1
Isophorone	ND		10.2	0.819	ug/L		12/10/25 15:29	12/11/25 20:06	1
Naphthalene	ND		10.2	0.768	ug/L		12/10/25 15:29	12/11/25 20:06	1
Nitrobenzene	ND		10.2	0.614	ug/L		12/10/25 15:29	12/11/25 20:06	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/10/25 15:29	12/11/25 20:06	1

Client Sample ID: MW-6
Date Collected: 12/04/25 15:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/10/25 15:29	12/11/25 20:06	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/10/25 15:29	12/11/25 20:06	1
Phenanthrene	ND		10.2	0.758	ug/L		12/10/25 15:29	12/11/25 20:06	1
Phenol	ND		10.2	0.696	ug/L		12/10/25 15:29	12/11/25 20:06	1
Pyrene	ND		10.2	0.645	ug/L		12/10/25 15:29	12/11/25 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 150*	*12/10/25 15:29*	*12/11/25 20:06*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*12/10/25 15:29*	*12/11/25 20:06*	*1*
2-Fluorophenol (Surr)	*90*		*10 - 150*	*12/10/25 15:29*	*12/11/25 20:06*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*12/10/25 15:29*	*12/11/25 20:06*	*1*
Phenol-d5 (Surr)	*83*		*10 - 150*	*12/10/25 15:29*	*12/11/25 20:06*	*1*
Terphenyl-d14 (Surr)	*49*		*28 - 150*	*12/10/25 15:29*	*12/11/25 20:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:41	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:41	1
Barium	**43.4**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:41	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:41	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:41	1
Chromium	**10.6**		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:41	1
Cobalt	**1.93**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:41	1
Copper	**11.8**		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:41	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:41	1
Manganese	**51.7**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:41	1
Nickel	**3.90**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:41	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:41	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:41	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:41	1
Vanadium	**27.0**		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:41	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:41	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:41	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.59**		0.500	0.0500	mg/L			12/11/25 15:37	5
Nitrate as N (SM Nitrate by calc)	**1.59**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**23.0**		5.00	1.40	mg/L			12/08/25 16:05	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-7
Lab Sample ID: 752-39945-7
Date Collected: 12/04/25 14:05
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 17:42	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 17:42	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 17:42	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 17:42	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 17:42	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 17:42	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 17:42	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 17:42	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 17:42	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 17:42	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 17:42	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 17:42	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 17:42	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 17:42	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 17:42	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 17:42	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 17:42	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 17:42	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 17:42	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 17:42	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 17:42	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 17:42	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 17:42	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 17:42	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 17:42	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 17:42	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 17:42	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 17:42	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 17:42	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 17:42	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 17:42	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 17:42	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 17:42	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 17:42	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 17:42	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 17:42	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 17:42	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:42	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 17:42	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 17:42	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 17:42	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 17:42	1

Client Sample ID: MW-7
Date Collected: 12/04/25 14:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:42	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 17:42	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 17:42	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 17:42	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 17:42	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 17:42	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 17:42	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 17:42	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:42	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 17:42	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 17:42	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 17:42	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 17:42	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 17:42	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 17:42	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 17:42	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 17:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 17:42	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 17:42	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 17:42	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 17:42	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 17:42	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/12/25 17:42*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*12/12/25 17:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/12/25 17:42*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/12/25 17:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.282	0.282	ug/L		12/09/25 17:38	12/11/25 14:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/09/25 17:38*	*12/11/25 14:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/10/25 15:29	12/11/25 20:36	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/10/25 15:29	12/11/25 20:36	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/10/25 15:29	12/11/25 20:36	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/10/25 15:29	12/11/25 20:36	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/10/25 15:29	12/11/25 20:36	1

Client Sample ID: MW-7
Lab Sample ID: 752-39945-7
Date Collected: 12/04/25 14:05
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		12/10/25 15:29	12/11/25 20:36	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/10/25 15:29	12/11/25 20:36	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/10/25 15:29	12/11/25 20:36	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/10/25 15:29	12/11/25 20:36	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/10/25 15:29	12/11/25 20:36	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/10/25 15:29	12/11/25 20:36	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/10/25 15:29	12/11/25 20:36	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/10/25 15:29	12/11/25 20:36	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/10/25 15:29	12/11/25 20:36	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/10/25 15:29	12/11/25 20:36	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/10/25 15:29	12/11/25 20:36	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/10/25 15:29	12/11/25 20:36	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/10/25 15:29	12/11/25 20:36	1
Acenaphthene	ND		10.0	0.630	ug/L		12/10/25 15:29	12/11/25 20:36	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/10/25 15:29	12/11/25 20:36	1
Acetophenone	ND		10.0	3.20	ug/L		12/10/25 15:29	12/11/25 20:36	1
Anthracene	ND		10.0	0.910	ug/L		12/10/25 15:29	12/11/25 20:36	1
Atrazine	ND		10.0	1.13	ug/L		12/10/25 15:29	12/11/25 20:36	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/10/25 15:29	12/11/25 20:36	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/10/25 15:29	12/11/25 20:36	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 20:36	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 20:36	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/10/25 15:29	12/11/25 20:36	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/10/25 15:29	12/11/25 20:36	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/10/25 15:29	12/11/25 20:36	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/10/25 15:29	12/11/25 20:36	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/10/25 15:29	12/11/25 20:36	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 20:36	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 20:36	1
Caprolactam	ND		10.0	2.40	ug/L		12/10/25 15:29	12/11/25 20:36	1
Carbazole	ND		10.0	0.320	ug/L		12/10/25 15:29	12/11/25 20:36	1
Chrysene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 20:36	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/10/25 15:29	12/11/25 20:36	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/10/25 15:29	12/11/25 20:36	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 20:36	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 20:36	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/10/25 15:29	12/11/25 20:36	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 20:36	1
Fluoranthene	ND		10.0	0.630	ug/L		12/10/25 15:29	12/11/25 20:36	1
Fluorene	ND		10.0	0.670	ug/L		12/10/25 15:29	12/11/25 20:36	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/10/25 15:29	12/11/25 20:36	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/10/25 15:29	12/11/25 20:36	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/10/25 15:29	12/11/25 20:36	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/10/25 15:29	12/11/25 20:36	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 20:36	1
Isophorone	ND		10.0	0.800	ug/L		12/10/25 15:29	12/11/25 20:36	1
Naphthalene	ND		10.0	0.750	ug/L		12/10/25 15:29	12/11/25 20:36	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/10/25 15:29	12/11/25 20:36	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/10/25 15:29	12/11/25 20:36	1

Client Sample ID: MW-7

Date Collected: 12/04/25 14:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/10/25 15:29	12/11/25 20:36	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/10/25 15:29	12/11/25 20:36	1
Phenanthrene	ND		10.0	0.740	ug/L		12/10/25 15:29	12/11/25 20:36	1
Phenol	ND		10.0	0.680	ug/L		12/10/25 15:29	12/11/25 20:36	1
Pyrene	ND		10.0	0.630	ug/L		12/10/25 15:29	12/11/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*12/10/25 15:29*	*12/11/25 20:36*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*12/10/25 15:29*	*12/11/25 20:36*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*12/10/25 15:29*	*12/11/25 20:36*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*12/10/25 15:29*	*12/11/25 20:36*	*1*
Phenol-d5 (Surr)	*79*		*10 - 150*	*12/10/25 15:29*	*12/11/25 20:36*	*1*
Terphenyl-d14 (Surr)	*55*		*28 - 150*	*12/10/25 15:29*	*12/11/25 20:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:44	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:44	1
Barium	**332**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:44	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:44	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:44	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:44	1
Cobalt	**0.492**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:44	1
Copper	**2.09**		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:44	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:44	1
Manganese	**123**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:44	1
Nickel	**1.33**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:44	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:44	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:44	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:44	1
Vanadium	**4.45**	**J**	5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:44	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:44	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:42	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0480**	**J**	0.100	0.0100	mg/L			12/11/25 15:38	1
Nitrate as N (SM Nitrate by calc)	**0.0480**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**38.3**		5.00	1.40	mg/L			12/08/25 16:05	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-8
Lab Sample ID: 752-39945-8
Date Collected: 12/04/25 13:05
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 18:09	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 18:09	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 18:09	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 18:09	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 18:09	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 18:09	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 18:09	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 18:09	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 18:09	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 18:09	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 18:09	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 18:09	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 18:09	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 18:09	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 18:09	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 18:09	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 18:09	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 18:09	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 18:09	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 18:09	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 18:09	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 18:09	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 18:09	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 18:09	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 18:09	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 18:09	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 18:09	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 18:09	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 18:09	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 18:09	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 18:09	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 18:09	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 18:09	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 18:09	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 18:09	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 18:09	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 18:09	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 18:09	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 18:09	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 18:09	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 18:09	1

Client Sample ID: MW-8
Date Collected: 12/04/25 13:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 18:09	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 18:09	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 18:09	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 18:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 18:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 18:09	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 18:09	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 18:09	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 18:09	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 18:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 18:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 18:09	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 18:09	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 18:09	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 18:09	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 18:09	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 18:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 18:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 18:09	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 18:09	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 18:09	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/12/25 18:09*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/12/25 18:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*59 - 146*		*12/12/25 18:09*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*12/12/25 18:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/09/25 17:38	12/11/25 15:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*12/09/25 17:38*	*12/11/25 15:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/10/25 15:29	12/11/25 21:06	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/10/25 15:29	12/11/25 21:06	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/10/25 15:29	12/11/25 21:06	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/10/25 15:29	12/11/25 21:06	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/10/25 15:29	12/11/25 21:06	1

Client Sample ID: MW-8
Lab Sample ID: 752-39945-8
Date Collected: 12/04/25 13:05
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		12/10/25 15:29	12/11/25 21:06	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/10/25 15:29	12/11/25 21:06	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/10/25 15:29	12/11/25 21:06	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/10/25 15:29	12/11/25 21:06	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/10/25 15:29	12/11/25 21:06	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/10/25 15:29	12/11/25 21:06	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/10/25 15:29	12/11/25 21:06	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/10/25 15:29	12/11/25 21:06	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/10/25 15:29	12/11/25 21:06	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/10/25 15:29	12/11/25 21:06	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/10/25 15:29	12/11/25 21:06	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/10/25 15:29	12/11/25 21:06	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/10/25 15:29	12/11/25 21:06	1
Acenaphthene	ND		10.0	0.630	ug/L		12/10/25 15:29	12/11/25 21:06	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/10/25 15:29	12/11/25 21:06	1
Acetophenone	ND		10.0	3.20	ug/L		12/10/25 15:29	12/11/25 21:06	1
Anthracene	ND		10.0	0.910	ug/L		12/10/25 15:29	12/11/25 21:06	1
Atrazine	ND		10.0	1.13	ug/L		12/10/25 15:29	12/11/25 21:06	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/10/25 15:29	12/11/25 21:06	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/10/25 15:29	12/11/25 21:06	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 21:06	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 21:06	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/10/25 15:29	12/11/25 21:06	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/10/25 15:29	12/11/25 21:06	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/10/25 15:29	12/11/25 21:06	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/10/25 15:29	12/11/25 21:06	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/10/25 15:29	12/11/25 21:06	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 21:06	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 21:06	1
Caprolactam	ND		10.0	2.40	ug/L		12/10/25 15:29	12/11/25 21:06	1
Carbazole	ND		10.0	0.320	ug/L		12/10/25 15:29	12/11/25 21:06	1
Chrysene	ND		10.0	1.20	ug/L		12/10/25 15:29	12/11/25 21:06	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/10/25 15:29	12/11/25 21:06	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/10/25 15:29	12/11/25 21:06	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 21:06	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 21:06	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/10/25 15:29	12/11/25 21:06	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/10/25 15:29	12/11/25 21:06	1
Fluoranthene	ND		10.0	0.630	ug/L		12/10/25 15:29	12/11/25 21:06	1
Fluorene	ND		10.0	0.670	ug/L		12/10/25 15:29	12/11/25 21:06	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/10/25 15:29	12/11/25 21:06	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/10/25 15:29	12/11/25 21:06	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/10/25 15:29	12/11/25 21:06	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/10/25 15:29	12/11/25 21:06	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/10/25 15:29	12/11/25 21:06	1
Isophorone	ND		10.0	0.800	ug/L		12/10/25 15:29	12/11/25 21:06	1
Naphthalene	ND		10.0	0.750	ug/L		12/10/25 15:29	12/11/25 21:06	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/10/25 15:29	12/11/25 21:06	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/10/25 15:29	12/11/25 21:06	1

Client Sample ID: MW-8

Date Collected: 12/04/25 13:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/10/25 15:29	12/11/25 21:06	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/10/25 15:29	12/11/25 21:06	1
Phenanthrene	ND		10.0	0.740	ug/L		12/10/25 15:29	12/11/25 21:06	1
Phenol	ND		10.0	0.680	ug/L		12/10/25 15:29	12/11/25 21:06	1
Pyrene	ND		10.0	0.630	ug/L		12/10/25 15:29	12/11/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*12/10/25 15:29*	*12/11/25 21:06*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*12/10/25 15:29*	*12/11/25 21:06*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 150*	*12/10/25 15:29*	*12/11/25 21:06*	*1*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*	*12/10/25 15:29*	*12/11/25 21:06*	*1*
Phenol-d5 (Surr)	*69*		*10 - 150*	*12/10/25 15:29*	*12/11/25 21:06*	*1*
Terphenyl-d14 (Surr)	*64*		*28 - 150*	*12/10/25 15:29*	*12/11/25 21:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:46	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:46	1
Barium	**141**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:46	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:46	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:46	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:46	1
Cobalt	**1.36**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:46	1
Copper	**1.21**	**J**	2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:46	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:46	1
Manganese	**1090**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:46	1
Nickel	**10.5**		5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:46	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:46	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:46	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:46	1
Vanadium	**7.74**		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:46	1
Zinc	**104**		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:47	1
Nitrite as N (EPA 353.2)	ND	F1	0.100	0.0168	mg/L			12/05/25 11:44	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0410**	**J**	0.100	0.0100	mg/L			12/11/25 15:39	1
Nitrate as N (SM Nitrate by calc)	**0.0410**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**78.9**		25.0	7.00	mg/L			12/08/25 16:51	5

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-9
Lab Sample ID: 752-39945-9
Date Collected: 12/04/25 12:40
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 18:35	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 18:35	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 18:35	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 18:35	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 18:35	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 18:35	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 18:35	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 18:35	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 18:35	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 18:35	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 18:35	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 18:35	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 18:35	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 18:35	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 18:35	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 18:35	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 18:35	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 18:35	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 18:35	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 18:35	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 18:35	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 18:35	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 18:35	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 18:35	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 18:35	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 18:35	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 18:35	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 18:35	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 18:35	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 18:35	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 18:35	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 18:35	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 18:35	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 18:35	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 18:35	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 18:35	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 18:35	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 18:35	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 18:35	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 18:35	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 18:35	1

Client Sample ID: MW-9
Date Collected: 12/04/25 12:40
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 18:35	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 18:35	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 18:35	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 18:35	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 18:35	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 18:35	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 18:35	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 18:35	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 18:35	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 18:35	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 18:35	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 18:35	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 18:35	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 18:35	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 18:35	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 18:35	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 18:35	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 18:35	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 18:35	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 18:35	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/12/25 18:35*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/12/25 18:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*		*12/12/25 18:35*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/12/25 18:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.277	0.277	ug/L		12/09/25 17:38	12/11/25 15:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*12/09/25 17:38*	*12/11/25 15:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		12/10/25 15:29	12/11/25 21:36	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		12/10/25 15:29	12/11/25 21:36	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		12/10/25 15:29	12/11/25 21:36	1
2-Chlorophenol	ND		10.1	0.846	ug/L		12/10/25 15:29	12/11/25 21:36	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		12/10/25 15:29	12/11/25 21:36	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-9
Lab Sample ID: 752-39945-9
Date Collected: 12/04/25 12:40
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.765	ug/L		12/10/25 15:29	12/11/25 21:36	1
2-Nitroaniline	ND		10.1	1.38	ug/L		12/10/25 15:29	12/11/25 21:36	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/10/25 15:29	12/11/25 21:36	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		12/10/25 15:29	12/11/25 21:36	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		12/10/25 15:29	12/11/25 21:36	1
3-Nitroaniline	ND		10.1	0.956	ug/L		12/10/25 15:29	12/11/25 21:36	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		12/10/25 15:29	12/11/25 21:36	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/10/25 15:29	12/11/25 21:36	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		12/10/25 15:29	12/11/25 21:36	1
4-Chloroaniline	ND		10.1	0.584	ug/L		12/10/25 15:29	12/11/25 21:36	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/10/25 15:29	12/11/25 21:36	1
4-Nitroaniline	ND		10.1	3.52	ug/L		12/10/25 15:29	12/11/25 21:36	1
4-Nitrophenol	ND		10.1	2.76	ug/L		12/10/25 15:29	12/11/25 21:36	1
Acenaphthene	ND		10.1	0.634	ug/L		12/10/25 15:29	12/11/25 21:36	1
Acenaphthylene	ND		10.1	0.765	ug/L		12/10/25 15:29	12/11/25 21:36	1
Acetophenone	ND		10.1	3.22	ug/L		12/10/25 15:29	12/11/25 21:36	1
Anthracene	ND		10.1	0.916	ug/L		12/10/25 15:29	12/11/25 21:36	1
Atrazine	ND		10.1	1.14	ug/L		12/10/25 15:29	12/11/25 21:36	1
Benzaldehyde	ND		10.1	0.674	ug/L		12/10/25 15:29	12/11/25 21:36	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/10/25 15:29	12/11/25 21:36	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/10/25 15:29	12/11/25 21:36	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/10/25 15:29	12/11/25 21:36	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		12/10/25 15:29	12/11/25 21:36	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		12/10/25 15:29	12/11/25 21:36	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		12/10/25 15:29	12/11/25 21:36	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		12/10/25 15:29	12/11/25 21:36	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		12/10/25 15:29	12/11/25 21:36	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 21:36	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 21:36	1
Caprolactam	ND		10.1	2.42	ug/L		12/10/25 15:29	12/11/25 21:36	1
Carbazole	ND		10.1	0.322	ug/L		12/10/25 15:29	12/11/25 21:36	1
Chrysene	ND		10.1	1.21	ug/L		12/10/25 15:29	12/11/25 21:36	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/10/25 15:29	12/11/25 21:36	1
Dibenzofuran	ND		10.1	0.644	ug/L		12/10/25 15:29	12/11/25 21:36	1
Diethyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 21:36	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 21:36	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		12/10/25 15:29	12/11/25 21:36	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 21:36	1
Fluoranthene	ND		10.1	0.634	ug/L		12/10/25 15:29	12/11/25 21:36	1
Fluorene	ND		10.1	0.674	ug/L		12/10/25 15:29	12/11/25 21:36	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		12/10/25 15:29	12/11/25 21:36	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		12/10/25 15:29	12/11/25 21:36	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		12/10/25 15:29	12/11/25 21:36	1
Hexachloroethane	ND		10.1	0.534	ug/L		12/10/25 15:29	12/11/25 21:36	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/10/25 15:29	12/11/25 21:36	1
Isophorone	ND		10.1	0.805	ug/L		12/10/25 15:29	12/11/25 21:36	1
Naphthalene	ND		10.1	0.755	ug/L		12/10/25 15:29	12/11/25 21:36	1
Nitrobenzene	ND		10.1	0.604	ug/L		12/10/25 15:29	12/11/25 21:36	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		12/10/25 15:29	12/11/25 21:36	1

Client Sample ID: MW-9

Date Collected: 12/04/25 12:40
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		12/10/25 15:29	12/11/25 21:36	1
Pentachlorophenol	ND		10.1	2.82	ug/L		12/10/25 15:29	12/11/25 21:36	1
Phenanthrene	ND		10.1	0.745	ug/L		12/10/25 15:29	12/11/25 21:36	1
Phenol	ND		10.1	0.685	ug/L		12/10/25 15:29	12/11/25 21:36	1
Pyrene	ND		10.1	0.634	ug/L		12/10/25 15:29	12/11/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 150*	*12/10/25 15:29*	*12/11/25 21:36*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*12/10/25 15:29*	*12/11/25 21:36*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*12/10/25 15:29*	*12/11/25 21:36*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*12/10/25 15:29*	*12/11/25 21:36*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/10/25 15:29*	*12/11/25 21:36*	*1*
Terphenyl-d14 (Surr)	*63*		*28 - 150*	*12/10/25 15:29*	*12/11/25 21:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:49	1
Arsenic	**8.02**		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:49	1
Barium	**350**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:49	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:49	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:49	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:49	1
Cobalt	**0.468**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:49	1
Copper	ND		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:49	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:49	1
Manganese	**169**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:49	1
Nickel	**1.44**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:49	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:49	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:49	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:49	1
Vanadium	**18.8**		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:49	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 00:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:49	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:47	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0400**	**J**	0.100	0.0100	mg/L			12/11/25 15:40	1
Nitrate as N (SM Nitrate by calc)	**0.0400**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**13.4**		5.00	1.40	mg/L			12/08/25 16:06	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: 120425-Dup-1
Lab Sample ID: 752-39945-10
Date Collected: 12/04/25 00:00
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/15/25 13:28	1
Benzene	ND		1.00	0.500	ug/L			12/15/25 13:28	1
Bromobenzene	ND		1.00	0.540	ug/L			12/15/25 13:28	1
Bromoform	ND		5.00	0.250	ug/L			12/15/25 13:28	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/15/25 13:28	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/15/25 13:28	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/15/25 13:28	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/15/25 13:28	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/15/25 13:28	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/15/25 13:28	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/15/25 13:28	1
Chloroethane	ND		1.00	0.760	ug/L			12/15/25 13:28	1
Chloroform	ND		1.00	0.900	ug/L			12/15/25 13:28	1
Chloromethane	ND		1.00	0.840	ug/L			12/15/25 13:28	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/15/25 13:28	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/15/25 13:28	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/15/25 13:28	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/15/25 13:28	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/15/25 13:28	1
Dibromomethane	ND		5.00	0.220	ug/L			12/15/25 13:28	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/15/25 13:28	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/15/25 13:28	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/15/25 13:28	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/15/25 13:28	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/15/25 13:28	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/15/25 13:28	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/15/25 13:28	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/15/25 13:28	1
Hexane	ND		1.00	0.960	ug/L			12/15/25 13:28	1
2-Hexanone	ND		25.0	9.10	ug/L			12/15/25 13:28	1
Iodomethane	ND		1.00	0.900	ug/L			12/15/25 13:28	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/15/25 13:28	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/15/25 13:28	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/15/25 13:28	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/15/25 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/15/25 13:28	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/15/25 13:28	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/15/25 13:28	1
Naphthalene	ND		5.00	3.00	ug/L			12/15/25 13:28	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/15/25 13:28	1
n-Heptane	ND		1.00	0.690	ug/L			12/15/25 13:28	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/15/25 13:28	1

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

Lab Sample ID: 752-39945-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/15/25 13:28	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/15/25 13:28	1
Styrene	ND		1.00	1.00	ug/L			12/15/25 13:28	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/15/25 13:28	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/15/25 13:28	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/15/25 13:28	1
Toluene	ND		1.00	0.900	ug/L			12/15/25 13:28	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/15/25 13:28	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/15/25 13:28	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/15/25 13:28	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/15/25 13:28	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/15/25 13:28	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/15/25 13:28	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/15/25 13:28	1
Trichloroethene	ND		1.00	0.480	ug/L			12/15/25 13:28	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/15/25 13:28	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/15/25 13:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/15/25 13:28	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/15/25 13:28	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/15/25 13:28	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/15/25 13:28	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/15/25 13:28	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/15/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/15/25 13:28*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/15/25 13:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/15/25 13:28*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/15/25 13:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.281	0.281	ug/L		12/09/25 17:38	12/11/25 15:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*12/09/25 17:38*	*12/11/25 15:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		12/10/25 15:29	12/11/25 22:05	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		12/10/25 15:29	12/11/25 22:05	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/10/25 15:29	12/11/25 22:05	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/10/25 15:29	12/11/25 22:05	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/10/25 15:29	12/11/25 22:05	1

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

Lab Sample ID: 752-39945-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		12/10/25 15:29	12/11/25 22:05	1
2-Nitroaniline	ND		10.1	1.39	ug/L		12/10/25 15:29	12/11/25 22:05	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/10/25 15:29	12/11/25 22:05	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/10/25 15:29	12/11/25 22:05	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/10/25 15:29	12/11/25 22:05	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/10/25 15:29	12/11/25 22:05	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/10/25 15:29	12/11/25 22:05	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		12/10/25 15:29	12/11/25 22:05	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/10/25 15:29	12/11/25 22:05	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/10/25 15:29	12/11/25 22:05	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		12/10/25 15:29	12/11/25 22:05	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/10/25 15:29	12/11/25 22:05	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/10/25 15:29	12/11/25 22:05	1
Acenaphthene	ND		10.1	0.639	ug/L		12/10/25 15:29	12/11/25 22:05	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/10/25 15:29	12/11/25 22:05	1
Acetophenone	ND		10.1	3.24	ug/L		12/10/25 15:29	12/11/25 22:05	1
Anthracene	ND		10.1	0.922	ug/L		12/10/25 15:29	12/11/25 22:05	1
Atrazine	ND		10.1	1.15	ug/L		12/10/25 15:29	12/11/25 22:05	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/10/25 15:29	12/11/25 22:05	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/10/25 15:29	12/11/25 22:05	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/10/25 15:29	12/11/25 22:05	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/10/25 15:29	12/11/25 22:05	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/10/25 15:29	12/11/25 22:05	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/10/25 15:29	12/11/25 22:05	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		12/10/25 15:29	12/11/25 22:05	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		12/10/25 15:29	12/11/25 22:05	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		12/10/25 15:29	12/11/25 22:05	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/10/25 15:29	12/11/25 22:05	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/10/25 15:29	12/11/25 22:05	1
Caprolactam	**86.7**	**J**	101	24.3	ug/L		12/10/25 15:29	12/15/25 16:09	10
Carbazole	**2.13**	**J**	10.1	0.324	ug/L		12/10/25 15:29	12/11/25 22:05	1
Chrysene	ND		10.1	1.22	ug/L		12/10/25 15:29	12/11/25 22:05	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/10/25 15:29	12/11/25 22:05	1
Dibenzofuran	ND		10.1	0.649	ug/L		12/10/25 15:29	12/11/25 22:05	1
Diethyl phthalate	ND		10.1	4.05	ug/L		12/10/25 15:29	12/11/25 22:05	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		12/10/25 15:29	12/11/25 22:05	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		12/10/25 15:29	12/11/25 22:05	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/10/25 15:29	12/11/25 22:05	1
Fluoranthene	ND		10.1	0.639	ug/L		12/10/25 15:29	12/11/25 22:05	1
Fluorene	ND		10.1	0.679	ug/L		12/10/25 15:29	12/11/25 22:05	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/10/25 15:29	12/11/25 22:05	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/10/25 15:29	12/11/25 22:05	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/10/25 15:29	12/11/25 22:05	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/10/25 15:29	12/11/25 22:05	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/10/25 15:29	12/11/25 22:05	1
Isophorone	ND		10.1	0.811	ug/L		12/10/25 15:29	12/11/25 22:05	1
Naphthalene	ND		10.1	0.760	ug/L		12/10/25 15:29	12/11/25 22:05	1
Nitrobenzene	ND		10.1	0.608	ug/L		12/10/25 15:29	12/11/25 22:05	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		12/10/25 15:29	12/11/25 22:05	1

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

Lab Sample ID: 752-39945-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		12/10/25 15:29	12/11/25 22:05	1
Pentachlorophenol	ND		10.1	2.84	ug/L		12/10/25 15:29	12/11/25 22:05	1
Phenanthrene	ND		10.1	0.750	ug/L		12/10/25 15:29	12/11/25 22:05	1
Phenol	ND		10.1	0.689	ug/L		12/10/25 15:29	12/11/25 22:05	1
Pyrene	ND		10.1	0.639	ug/L		12/10/25 15:29	12/11/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 150*	*12/10/25 15:29*	*12/11/25 22:05*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*12/10/25 15:29*	*12/11/25 22:05*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*12/10/25 15:29*	*12/11/25 22:05*	*1*
Nitrobenzene-d5 (Surr)	*80*		*22 - 150*	*12/10/25 15:29*	*12/11/25 22:05*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/10/25 15:29*	*12/11/25 22:05*	*1*
Terphenyl-d14 (Surr)	*59*		*28 - 150*	*12/10/25 15:29*	*12/11/25 22:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:52	1
Arsenic	**2.05**	**J**	5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:52	1
Barium	**538**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:52	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:52	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:52	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:52	1
Cobalt	**1.01**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:52	1
Copper	ND		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:52	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:52	1
Manganese	**225**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:52	1
Nickel	**1.28**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:52	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:52	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:52	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:52	1
Vanadium	**1.76**	**J**	5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:52	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 00:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:52	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:48	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0360**	**J**	0.100	0.0100	mg/L			12/11/25 15:41	1
Nitrate as N (SM Nitrate by calc)	**0.0360**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**15.9**		5.00	1.40	mg/L			12/08/25 16:24	1

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-39945-11
Date Collected: 12/04/25 00:00
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 19:28	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 19:28	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 19:28	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 19:28	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 19:28	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 19:28	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 19:28	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 19:28	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 19:28	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 19:28	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 19:28	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 19:28	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 19:28	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 19:28	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 19:28	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 19:28	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 19:28	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 19:28	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 19:28	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 19:28	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 19:28	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 19:28	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 19:28	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 19:28	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 19:28	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 19:28	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 19:28	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 19:28	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 19:28	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 19:28	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 19:28	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 19:28	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 19:28	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 19:28	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 19:28	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 19:28	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 19:28	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 19:28	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 19:28	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 19:28	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 19:28	1

Client Sample ID: Trip Blank
Date Collected: 12/04/25 00:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39945-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 19:28	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 19:28	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 19:28	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 19:28	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 19:28	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 19:28	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 19:28	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 19:28	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 19:28	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 19:28	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 19:28	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 19:28	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 19:28	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 19:28	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 19:28	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 19:28	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 19:28	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 19:28	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 19:28	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 19:28	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 19:28	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*12/12/25 19:28*	*1*
Dibromofluoromethane	*112*		*79 - 130*		*12/12/25 19:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*59 - 146*		*12/12/25 19:28*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/12/25 19:28*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-39945-1
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	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-39945-1	MW-1	105	106	120	93
752-39945-2	MW-2	98	108	118	97
752-39945-2 MS	MW-2	98	103	105	97
752-39945-2 MSD	MW-2	100	105	111	98
752-39945-3	MW-3	97	110	123	97
752-39945-4	MW-4	99	110	118	96
752-39945-5	MW-5	98	109	116	98
752-39945-6	MW-6	98	111	122	98
752-39945-7	MW-7	97	111	116	96
752-39945-8	MW-8	99	108	115	95
752-39945-9	MW-9	99	108	113	97
752-39945-10	120425-Dup-1	98	108	116	97
752-39945-11	Trip Blank	96	112	118	96
LCS 400-733581/1002	Lab Control Sample	95	104	109	97
LCS 400-733780/1002	Lab Control Sample	98	106	111	97
MB 400-733581/5	Method Blank	98	107	118	95
MB 400-733780/5	Method Blank	94	107	119	96

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-39945-1	MW-1	82	73	92	81	84	61
752-39945-2	MW-2	85	77	92	86	81	66
752-39945-3	MW-3	84	74	89	84	80	62
752-39945-4	MW-4	78	76	68	81	60	65
752-39945-5	MW-5	83	74	103	77	108	57
752-39945-6	MW-6	88	77	90	81	83	49
752-39945-7	MW-7	84	74	88	79	79	55
752-39945-8	MW-8	83	72	77	75	69	64
752-39945-9	MW-9	85	70	89	78	81	63
752-39945-10	120425-Dup-1	87	77	89	80	81	59
LCS 400-733279/2-A	Lab Control Sample	93	76	81	76	95	76
MB 400-733279/1-A	Method Blank	97	78	81	80	88	75

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

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

Job ID: 752-39945-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-140)						
752-39945-1	MW-1	29						
752-39945-2	MW-2	28						
752-39945-3	MW-3	29						
752-39945-4	MW-4	29						
752-39945-5	MW-5	28						
752-39945-6	MW-6	25						
752-39945-7	MW-7	30						
752-39945-8	MW-8	25						
752-39945-9	MW-9	31						
752-39945-10	120425-Dup-1	27						
LCS 400-733227/2-A	Lab Control Sample	34						
LCSD 400-733227/3-A	Lab Control Sample Dup	29						
MB 400-733227/1-A	Method Blank	29						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-733581/5
Matrix: Water
Analysis Batch: 733581

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 10:37	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 10:37	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 10:37	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 10:37	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 10:37	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 10:37	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 10:37	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 10:37	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 10:37	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 10:37	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 10:37	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 10:37	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 10:37	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 10:37	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 10:37	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 10:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 10:37	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 10:37	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 10:37	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 10:37	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 10:37	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 10:37	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 10:37	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 10:37	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 10:37	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 10:37	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 10:37	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 10:37	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 10:37	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 10:37	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 10:37	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 10:37	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 10:37	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 10:37	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 10:37	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 10:37	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 10:37	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 10:37	1

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

Lab Sample ID: MB 400-733581/5
Matrix: Water
Analysis Batch: 733581

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 10:37	1
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 10:37	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 10:37	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 10:37	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 10:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 10:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 10:37	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 10:37	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 10:37	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 10:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 10:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 10:37	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 10:37	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 10:37	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 10:37	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 10:37	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 10:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 10:37	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 10:37	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/12/25 10:37*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*12/12/25 10:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*59 - 146*		*12/12/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*12/12/25 10:37*	*1*

Lab Sample ID: LCS 400-733581/1002
Matrix: Water
Analysis Batch: 733581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	411.3	*+	ug/L		206	43 - 150
Benzene	50.0	51.10		ug/L		102	70 - 130
Bromobenzene	50.0	43.72		ug/L		87	70 - 132
Bromoform	50.0	43.55		ug/L		87	57 - 140
Bromomethane	50.0	125.4	*+	ug/L		251	10 - 150
2-Butanone (MEK)	200	241.3		ug/L		121	61 - 145
Carbon disulfide	50.0	49.39		ug/L		99	61 - 137
Carbon tetrachloride	50.0	48.96		ug/L		98	61 - 137
Chlorobenzene	50.0	47.27		ug/L		95	70 - 130
Chlorobromomethane	50.0	54.14		ug/L		108	70 - 130
Chlorodibromomethane	50.0	48.06		ug/L		96	67 - 135

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

Lab Sample ID: LCS 400-733581/1002
Matrix: Water
Analysis Batch: 733581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	42.66		ug/L		85	55 - 141
Chloroform	50.0	52.68		ug/L		105	69 - 130
Chloromethane	50.0	58.92		ug/L		118	58 - 137
2-Chlorotoluene	50.0	45.56		ug/L		91	70 - 130
4-Chlorotoluene	50.0	46.07		ug/L		92	70 - 130
cis-1,2-Dichloroethene	50.0	53.42		ug/L		107	68 - 130
cis-1,3-Dichloropropene	50.0	49.29		ug/L		99	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	43.64		ug/L		87	54 - 135
Dibromomethane	50.0	53.58		ug/L		107	70 - 130
1,2-Dichlorobenzene	50.0	46.04		ug/L		92	67 - 130
1,3-Dichlorobenzene	50.0	44.41		ug/L		89	70 - 130
1,4-Dichlorobenzene	50.0	45.32		ug/L		91	70 - 130
Dichlorobromomethane	50.0	52.01		ug/L		104	67 - 133
1,1-Dichloroethane	50.0	52.03		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	55.73		ug/L		111	69 - 130
1,1-Dichloroethene	50.0	48.43		ug/L		97	63 - 134
1,2-Dichloropropane	50.0	54.54		ug/L		109	70 - 130
1,3-Dichloropropane	50.0	51.36		ug/L		103	70 - 130
2,2-Dichloropropane	50.0	47.43		ug/L		95	52 - 135
1,1-Dichloropropene	50.0	49.62		ug/L		99	70 - 130
Ethyl acetate	100	97.12		ug/L		97	34 - 150
Ethylbenzene	50.0	48.06		ug/L		96	70 - 130
Ethylene Dibromide	50.0	49.69		ug/L		99	70 - 130
Hexachlorobutadiene	50.0	44.76		ug/L		90	53 - 140
Hexane	50.0	50.57		ug/L		101	69 - 130
2-Hexanone	200	234.6		ug/L		117	65 - 137
Iodomethane	50.0	34.66		ug/L		69	27 - 150
Isopropylbenzene	50.0	46.26		ug/L		93	70 - 130
Isopropyl ether	50.0	55.62		ug/L		111	64 - 132
4-Isopropyltoluene	50.0	44.77		ug/L		90	65 - 130
Methylene Chloride	50.0	50.13		ug/L		100	66 - 135
4-Methyl-2-pentanone (MIBK)	200	239.5		ug/L		120	69 - 138
Methyl tert-butyl ether	50.0	48.21		ug/L		96	66 - 130
m-Xylene & p-Xylene	50.0	45.99		ug/L		92	70 - 130
Naphthalene	50.0	42.85		ug/L		86	47 - 149
n-Butylbenzene	50.0	48.97		ug/L		98	67 - 130
n-Heptane	50.0	53.62		ug/L		107	70 - 130
N-Propylbenzene	50.0	44.00		ug/L		88	70 - 130
o-Xylene	50.0	46.88		ug/L		94	70 - 130
sec-Butylbenzene	50.0	46.01		ug/L		92	66 - 130
Styrene	50.0	46.66		ug/L		93	70 - 130
tert-Butylbenzene	50.0	45.90		ug/L		92	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.95		ug/L		94	67 - 131
1,1,2,2-Tetrachloroethane	50.0	50.06		ug/L		100	70 - 131
Tetrachloroethene	50.0	42.51		ug/L		85	65 - 130
Toluene	50.0	46.04		ug/L		92	70 - 130
trans-1,4-Dichloro-2-butene	50.0	54.56		ug/L		109	57 - 140
trans-1,2-Dichloroethene	50.0	47.63		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	48.56		ug/L		97	63 - 130

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

Lab Sample ID: LCS 400-733581/1002
Matrix: Water
Analysis Batch: 733581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	42.64		ug/L		85	60 - 138
1,2,4-Trichlorobenzene	50.0	44.00		ug/L		88	60 - 140
1,1,1-Trichloroethane	50.0	49.66		ug/L		99	68 - 130
1,1,2-Trichloroethane	50.0	50.77		ug/L		102	70 - 130
Trichloroethene	50.0	46.25		ug/L		93	70 - 130
Trichlorofluoromethane	50.0	60.18		ug/L		120	65 - 138
1,2,3-Trichloropropane	50.0	46.62		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.46		ug/L		93	60 - 139
1,2,4-Trimethylbenzene	50.0	45.06		ug/L		90	70 - 130
1,3,5-Trimethylbenzene	50.0	44.53		ug/L		89	69 - 130
Vinyl acetate	100	124.4		ug/L		124	26 - 150
Vinyl chloride	50.0	51.65		ug/L		103	59 - 136
Xylenes, Total	100	92.87		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*
Toluene-d8 (Surr)	*97*		*64 - 132*

Lab Sample ID: MB 400-733780/5
Matrix: Water
Analysis Batch: 733780

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/15/25 12:08	1
Benzene	ND		1.00	0.500	ug/L			12/15/25 12:08	1
Bromobenzene	ND		1.00	0.540	ug/L			12/15/25 12:08	1
Bromoform	ND		5.00	0.250	ug/L			12/15/25 12:08	1
Bromomethane	ND		1.00	0.980	ug/L			12/15/25 12:08	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/15/25 12:08	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/15/25 12:08	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/15/25 12:08	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/15/25 12:08	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/15/25 12:08	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/15/25 12:08	1
Chloroethane	ND		1.00	0.760	ug/L			12/15/25 12:08	1
Chloroform	ND		1.00	0.900	ug/L			12/15/25 12:08	1
Chloromethane	ND		1.00	0.840	ug/L			12/15/25 12:08	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/15/25 12:08	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/15/25 12:08	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/15/25 12:08	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/15/25 12:08	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/15/25 12:08	1
Dibromomethane	ND		5.00	0.220	ug/L			12/15/25 12:08	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/15/25 12:08	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/15/25 12:08	1

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

Lab Sample ID: MB 400-733780/5
Matrix: Water
Analysis Batch: 733780

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/15/25 12:08	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/15/25 12:08	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/15/25 12:08	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/15/25 12:08	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/15/25 12:08	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/15/25 12:08	1
Hexane	ND		1.00	0.960	ug/L			12/15/25 12:08	1
2-Hexanone	ND		25.0	9.10	ug/L			12/15/25 12:08	1
Iodomethane	ND		1.00	0.900	ug/L			12/15/25 12:08	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/15/25 12:08	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/15/25 12:08	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/15/25 12:08	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/15/25 12:08	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/15/25 12:08	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/15/25 12:08	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/15/25 12:08	1
Naphthalene	ND		5.00	3.00	ug/L			12/15/25 12:08	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/15/25 12:08	1
n-Heptane	ND		1.00	0.690	ug/L			12/15/25 12:08	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/15/25 12:08	1
o-Xylene	ND		5.00	3.00	ug/L			12/15/25 12:08	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/15/25 12:08	1
Styrene	ND		1.00	1.00	ug/L			12/15/25 12:08	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/15/25 12:08	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/15/25 12:08	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/15/25 12:08	1
Toluene	ND		1.00	0.900	ug/L			12/15/25 12:08	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/15/25 12:08	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/15/25 12:08	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/15/25 12:08	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/15/25 12:08	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/15/25 12:08	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/15/25 12:08	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/15/25 12:08	1
Trichloroethene	ND		1.00	0.480	ug/L			12/15/25 12:08	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/15/25 12:08	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/15/25 12:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/15/25 12:08	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/15/25 12:08	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/15/25 12:08	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/15/25 12:08	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/15/25 12:08	1

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

Lab Sample ID: MB 400-733780/5
Matrix: Water
Analysis Batch: 733780

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10.0	6.00	ug/L			12/15/25 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*56 - 136*		*12/15/25 12:08*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*12/15/25 12:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*59 - 146*		*12/15/25 12:08*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/15/25 12:08*	*1*

Lab Sample ID: LCS 400-733780/1002
Matrix: Water
Analysis Batch: 733780

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	395.3	*+	ug/L		198	43 - 150
Benzene	50.0	48.60		ug/L		97	70 - 130
Bromobenzene	50.0	45.32		ug/L		91	70 - 132
Bromoform	50.0	43.22		ug/L		86	57 - 140
Bromomethane	50.0	81.98	*+	ug/L		164	10 - 150
2-Butanone (MEK)	200	244.8		ug/L		122	61 - 145
Carbon disulfide	50.0	45.96		ug/L		92	61 - 137
Carbon tetrachloride	50.0	47.79		ug/L		96	61 - 137
Chlorobenzene	50.0	48.00		ug/L		96	70 - 130
Chlorobromomethane	50.0	49.92		ug/L		100	70 - 130
Chlorodibromomethane	50.0	46.01		ug/L		92	67 - 135
Chloroethane	50.0	48.53		ug/L		97	55 - 141
Chloroform	50.0	49.91		ug/L		100	69 - 130
Chloromethane	50.0	43.79		ug/L		88	58 - 137
2-Chlorotoluene	50.0	49.90		ug/L		100	70 - 130
4-Chlorotoluene	50.0	50.58		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	50.97		ug/L		102	68 - 130
cis-1,3-Dichloropropene	50.0	51.55		ug/L		103	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	43.97		ug/L		88	54 - 135
Dibromomethane	50.0	52.57		ug/L		105	70 - 130
1,2-Dichlorobenzene	50.0	48.73		ug/L		97	67 - 130
1,3-Dichlorobenzene	50.0	48.26		ug/L		97	70 - 130
1,4-Dichlorobenzene	50.0	48.49		ug/L		97	70 - 130
Dichlorobromomethane	50.0	52.11		ug/L		104	67 - 133
1,1-Dichloroethane	50.0	48.24		ug/L		96	70 - 130
1,2-Dichloroethane	50.0	55.30		ug/L		111	69 - 130
1,1-Dichloroethene	50.0	47.78		ug/L		96	63 - 134
1,2-Dichloropropane	50.0	51.18		ug/L		102	70 - 130
1,3-Dichloropropane	50.0	47.89		ug/L		96	70 - 130
2,2-Dichloropropane	50.0	46.98		ug/L		94	52 - 135
1,1-Dichloropropene	50.0	49.14		ug/L		98	70 - 130
Ethyl acetate	100	95.02		ug/L		95	34 - 150
Ethylbenzene	50.0	49.27		ug/L		99	70 - 130
Ethylene Dibromide	50.0	47.11		ug/L		94	70 - 130
Hexachlorobutadiene	50.0	43.64		ug/L		87	53 - 140

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

Lab Sample ID: LCS 400-733780/1002
Matrix: Water
Analysis Batch: 733780

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	50.0	46.69		ug/L		93	69 - 130
2-Hexanone	200	232.4		ug/L		116	65 - 137
Iodomethane	50.0	39.59		ug/L		79	27 - 150
Isopropylbenzene	50.0	49.03		ug/L		98	70 - 130
Isopropyl ether	50.0	55.41		ug/L		111	64 - 132
4-Isopropyltoluene	50.0	50.45		ug/L		101	65 - 130
Methylene Chloride	50.0	42.45		ug/L		85	66 - 135
4-Methyl-2-pentanone (MIBK)	200	250.8		ug/L		125	69 - 138
Methyl tert-butyl ether	50.0	46.89		ug/L		94	66 - 130
m-Xylene & p-Xylene	50.0	50.81		ug/L		102	70 - 130
Naphthalene	50.0	43.83		ug/L		88	47 - 149
n-Butylbenzene	50.0	55.60		ug/L		111	67 - 130
n-Heptane	50.0	52.23		ug/L		104	70 - 130
N-Propylbenzene	50.0	49.14		ug/L		98	70 - 130
o-Xylene	50.0	48.82		ug/L		98	70 - 130
sec-Butylbenzene	50.0	50.18		ug/L		100	66 - 130
Styrene	50.0	47.13		ug/L		94	70 - 130
tert-Butylbenzene	50.0	50.12		ug/L		100	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.28		ug/L		93	67 - 131
1,1,2,2-Tetrachloroethane	50.0	49.77		ug/L		100	70 - 131
Tetrachloroethene	50.0	44.42		ug/L		89	65 - 130
Toluene	50.0	45.83		ug/L		92	70 - 130
trans-1,4-Dichloro-2-butene	50.0	57.13		ug/L		114	57 - 140
trans-1,2-Dichloroethene	50.0	45.08		ug/L		90	70 - 130
trans-1,3-Dichloropropene	50.0	47.80		ug/L		96	63 - 130
1,2,3-Trichlorobenzene	50.0	43.45		ug/L		87	60 - 138
1,2,4-Trichlorobenzene	50.0	45.64		ug/L		91	60 - 140
1,1,1-Trichloroethane	50.0	48.09		ug/L		96	68 - 130
1,1,2-Trichloroethane	50.0	48.67		ug/L		97	70 - 130
Trichloroethene	50.0	46.69		ug/L		93	70 - 130
Trichlorofluoromethane	50.0	55.50		ug/L		111	65 - 138
1,2,3-Trichloropropane	50.0	48.34		ug/L		97	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.33		ug/L		91	60 - 139
1,2,4-Trimethylbenzene	50.0	49.07		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	50.0	48.76		ug/L		98	69 - 130
Vinyl acetate	100	122.4		ug/L		122	26 - 150
Vinyl chloride	50.0	46.59		ug/L		93	59 - 136
Xylenes, Total	100	99.63		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*56 - 136*
Dibromofluoromethane	*106*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*
Toluene-d8 (Surr)	*97*		*64 - 132*

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

Lab Sample ID: 752-39945-2 MS
Matrix: Water
Analysis Batch: 733780

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F2 *+	200	154.4		ug/L		77	43 - 150
Benzene	ND	F2	50.0	62.68		ug/L		125	56 - 142
Bromobenzene	ND	F2	50.0	52.42		ug/L		105	59 - 136
Bromoform	ND	F2	50.0	53.71		ug/L		107	50 - 140
Bromomethane	ND	F1 *+	50.0	95.77	F1	ug/L		192	10 - 150
2-Butanone (MEK)	ND	F2	200	163.9		ug/L		82	55 - 150
Carbon disulfide	ND	F2	50.0	58.16		ug/L		116	48 - 150
Carbon tetrachloride	ND	F2	50.0	60.45		ug/L		121	55 - 145
Chlorobenzene	ND	F2	50.0	55.50		ug/L		111	64 - 130
Chlorobromomethane	ND	F2	50.0	63.88		ug/L		128	64 - 140
Chlorodibromomethane	ND	F2	50.0	58.24		ug/L		116	56 - 143
Chloroethane	ND		50.0	55.51		ug/L		111	50 - 150
Chloroform	ND	F2	50.0	65.37		ug/L		131	60 - 141
Chloromethane	ND		50.0	66.50		ug/L		133	49 - 148
2-Chlorotoluene	ND	F2	50.0	53.87		ug/L		108	53 - 134
4-Chlorotoluene	ND	F2	50.0	52.15		ug/L		104	54 - 133
cis-1,2-Dichloroethene	ND	F2	50.0	64.74		ug/L		129	59 - 143
cis-1,3-Dichloropropene	ND	F2	50.0	60.96		ug/L		122	57 - 140
1,2-Dibromo-3-Chloropropane	ND	F2	50.0	53.90		ug/L		108	45 - 135
Dibromomethane	ND	F2	50.0	64.06		ug/L		128	63 - 138
1,2-Dichlorobenzene	ND	F2	50.0	54.76		ug/L		110	52 - 137
1,3-Dichlorobenzene	ND	F2	50.0	51.93		ug/L		104	54 - 135
1,4-Dichlorobenzene	ND	F2	50.0	52.44		ug/L		105	53 - 135
Dichlorobromomethane	ND	F2	50.0	64.83		ug/L		130	59 - 143
1,1-Dichloroethane	ND	F2	50.0	63.33		ug/L		127	61 - 144
1,2-Dichloroethane	ND	F2	50.0	68.40		ug/L		137	60 - 141
1,1-Dichloroethene	ND	F2	50.0	56.15		ug/L		112	54 - 147
1,2-Dichloropropane	ND	F2	50.0	63.87		ug/L		128	66 - 137
1,3-Dichloropropane	ND	F2	50.0	61.46		ug/L		123	66 - 133
2,2-Dichloropropane	ND	F2	50.0	59.56		ug/L		119	42 - 144
1,1-Dichloropropene	ND	F2	50.0	60.59		ug/L		121	65 - 136
Ethyl acetate	ND	F2	100	113.8		ug/L		114	34 - 150
Ethylbenzene	ND	F2	50.0	55.00		ug/L		110	58 - 131
Ethylene Dibromide	ND	F2	50.0	58.94		ug/L		118	64 - 132
Hexachlorobutadiene	ND	F2	50.0	43.81		ug/L		88	31 - 149
Hexane	ND	F2	50.0	59.94		ug/L		120	60 - 142
2-Hexanone	ND	F2 F1	200	178.4		ug/L		89	65 - 140
Iodomethane	ND		50.0	54.63		ug/L		109	20 - 150
Isopropylbenzene	ND	F2	50.0	52.03		ug/L		104	56 - 133
Isopropyl ether	ND	F2 F1	50.0	75.69	F1	ug/L		151	60 - 144
4-Isopropyltoluene	ND	F2	50.0	47.11		ug/L		94	48 - 139
Methylene Chloride	ND	F2	50.0	56.24		ug/L		112	60 - 146
4-Methyl-2-pentanone (MIBK)	ND	F2	200	268.2		ug/L		134	63 - 146
Methyl tert-butyl ether	ND	F2	50.0	59.08		ug/L		118	59 - 137
m-Xylene & p-Xylene	ND	F2	50.0	52.88		ug/L		106	57 - 130
Naphthalene	3.21	J F2	50.0	54.39		ug/L		102	25 - 150
n-Butylbenzene	ND	F2	50.0	52.83		ug/L		106	41 - 142
n-Heptane	ND	F2	50.0	60.82		ug/L		122	64 - 142

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

Lab Sample ID: 752-39945-2 MS
Matrix: Water
Analysis Batch: 733780

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	ND	F2	50.0	48.71		ug/L		97	51 - 138
o-Xylene	ND	F2	50.0	54.74		ug/L		109	61 - 130
sec-Butylbenzene	ND	F2	50.0	49.06		ug/L		98	50 - 138
Styrene	ND	F2	50.0	53.83		ug/L		108	58 - 131
tert-Butylbenzene	ND	F2	50.0	50.64		ug/L		101	54 - 146
1,1,1,2-Tetrachloroethane	ND	F2	50.0	57.44		ug/L		115	59 - 137
1,1,2,2-Tetrachloroethane	ND	F2	50.0	60.04		ug/L		120	66 - 135
Tetrachloroethene	ND	F2	50.0	48.88		ug/L		98	52 - 133
Toluene	ND	F2	50.0	56.22		ug/L		112	65 - 130
trans-1,4-Dichloro-2-butene	ND	F2	50.0	71.51		ug/L		143	43 - 147
trans-1,2-Dichloroethene	ND	F2	50.0	58.38		ug/L		117	61 - 143
trans-1,3-Dichloropropene	ND	F2	50.0	60.04		ug/L		120	53 - 133
1,2,3-Trichlorobenzene	ND	F2	50.0	48.77		ug/L		98	43 - 145
1,2,4-Trichlorobenzene	ND	F2	50.0	50.62		ug/L		101	39 - 148
1,1,1-Trichloroethane	ND	F2	50.0	61.68		ug/L		123	57 - 142
1,1,2-Trichloroethane	ND	F2	50.0	62.69		ug/L		125	66 - 131
Trichloroethene	ND	F2	50.0	55.99		ug/L		112	64 - 136
Trichlorofluoromethane	ND		50.0	57.54		ug/L		115	54 - 150
1,2,3-Trichloropropane	ND	F2	50.0	57.53		ug/L		115	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	50.0	57.74		ug/L		115	55 - 150
1,2,4-Trimethylbenzene	ND	F2	50.0	51.77		ug/L		104	50 - 139
1,3,5-Trimethylbenzene	ND	F2	50.0	49.63		ug/L		99	52 - 135
Vinyl acetate	ND		100	133.7		ug/L		134	26 - 150
Vinyl chloride	ND		50.0	53.64		ug/L		107	46 - 150
Xylenes, Total	ND	F2	100	107.6		ug/L		108	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*56 - 136*
Dibromofluoromethane	*103*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*
Toluene-d8 (Surr)	*97*		*64 - 132*

Lab Sample ID: 752-39945-2 MSD
Matrix: Water
Analysis Batch: 733780

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F2 *+	200	112.0	F2	ug/L		56	43 - 150	32	30
Benzene	ND	F2	50.0	40.48	F2	ug/L		81	56 - 142	43	30
Bromobenzene	ND	F2	50.0	34.28	F2	ug/L		69	59 - 136	42	30
Bromoform	ND	F2	50.0	35.17	F2	ug/L		70	50 - 140	42	30
Bromomethane	ND	F1 *+	50.0	78.54	F1	ug/L		157	10 - 150	20	50
2-Butanone (MEK)	ND	F2	200	114.2	F2	ug/L		57	55 - 150	36	30
Carbon disulfide	ND	F2	50.0	39.23	F2	ug/L		78	48 - 150	39	30
Carbon tetrachloride	ND	F2	50.0	38.58	F2	ug/L		77	55 - 145	44	30
Chlorobenzene	ND	F2	50.0	34.79	F2	ug/L		70	64 - 130	46	30
Chlorobromomethane	ND	F2	50.0	42.37	F2	ug/L		85	64 - 140	40	30
Chlorodibromomethane	ND	F2	50.0	37.62	F2	ug/L		75	56 - 143	43	30

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

Lab Sample ID: 752-39945-2 MSD
Client Sample ID: MW-2
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	ND		50.0	41.49		ug/L		83	50 - 150	29	30
Chloroform	ND	F2	50.0	42.81	F2	ug/L		86	60 - 141	42	30
Chloromethane	ND		50.0	57.58		ug/L		115	49 - 148	14	31
2-Chlorotoluene	ND	F2	50.0	32.64	F2	ug/L		65	53 - 134	49	30
4-Chlorotoluene	ND	F2	50.0	32.98	F2	ug/L		66	54 - 133	45	30
cis-1,2-Dichloroethene	ND	F2	50.0	42.95	F2	ug/L		86	59 - 143	40	30
cis-1,3-Dichloropropene	ND	F2	50.0	38.68	F2	ug/L		77	57 - 140	45	30
1,2-Dibromo-3-Chloropropane	ND	F2	50.0	36.29	F2	ug/L		73	45 - 135	39	30
Dibromomethane	ND	F2	50.0	42.49	F2	ug/L		85	63 - 138	40	30
1,2-Dichlorobenzene	ND	F2	50.0	34.32	F2	ug/L		69	52 - 137	46	30
1,3-Dichlorobenzene	ND	F2	50.0	32.59	F2	ug/L		65	54 - 135	46	30
1,4-Dichlorobenzene	ND	F2	50.0	33.05	F2	ug/L		66	53 - 135	45	30
Dichlorobromomethane	ND	F2	50.0	41.90	F2	ug/L		84	59 - 143	43	30
1,1-Dichloroethane	ND	F2	50.0	43.00	F2	ug/L		86	61 - 144	38	30
1,2-Dichloroethane	ND	F2	50.0	44.55	F2	ug/L		89	60 - 141	42	30
1,1-Dichloroethene	ND	F2	50.0	40.23	F2	ug/L		80	54 - 147	33	30
1,2-Dichloropropane	ND	F2	50.0	42.79	F2	ug/L		86	66 - 137	40	30
1,3-Dichloropropane	ND	F2	50.0	40.06	F2	ug/L		80	66 - 133	42	30
2,2-Dichloropropane	ND	F2	50.0	39.33	F2	ug/L		79	42 - 144	41	31
1,1-Dichloropropene	ND	F2	50.0	39.30	F2	ug/L		79	65 - 136	43	30
Ethyl acetate	ND	F2	100	76.94	F2	ug/L		77	34 - 150	39	30
Ethylbenzene	ND	F2	50.0	33.71	F2	ug/L		67	58 - 131	48	30
Ethylene Dibromide	ND	F2	50.0	38.58	F2	ug/L		77	64 - 132	42	30
Hexachlorobutadiene	ND	F2	50.0	23.94	F2	ug/L		48	31 - 149	59	36
Hexane	ND	F2	50.0	39.18	F2	ug/L		78	60 - 142	42	30
2-Hexanone	ND	F2 F1	200	118.7	F2 F1	ug/L		59	65 - 140	40	30
Iodomethane	ND		50.0	37.75		ug/L		75	20 - 150	37	44
Isopropylbenzene	ND	F2	50.0	31.05	F2	ug/L		62	56 - 133	51	30
Isopropyl ether	ND	F2 F1	50.0	44.59	F2	ug/L		89	60 - 144	52	30
4-Isopropyltoluene	ND	F2	50.0	27.67	F2	ug/L		55	48 - 139	52	30
Methylene Chloride	ND	F2	50.0	39.91	F2	ug/L		80	60 - 146	34	32
4-Methyl-2-pentanone (MIBK)	ND	F2	200	179.2	F2	ug/L		90	63 - 146	40	30
Methyl tert-butyl ether	ND	F2	50.0	40.55	F2	ug/L		81	59 - 137	37	30
m-Xylene & p-Xylene	ND	F2	50.0	32.48	F2	ug/L		65	57 - 130	48	30
Naphthalene	3.21	J F2	50.0	38.60	F2	ug/L		71	25 - 150	34	30
n-Butylbenzene	ND	F2	50.0	28.70	F2	ug/L		57	41 - 142	59	31
n-Heptane	ND	F2	50.0	38.07	F2	ug/L		76	64 - 142	46	30
N-Propylbenzene	ND	F2	50.0	29.13	F2	ug/L		58	51 - 138	50	30
o-Xylene	ND	F2	50.0	33.73	F2	ug/L		67	61 - 130	47	30
sec-Butylbenzene	ND	F2	50.0	29.06	F2	ug/L		58	50 - 138	51	30
Styrene	ND	F2	50.0	33.52	F2	ug/L		67	58 - 131	47	30
tert-Butylbenzene	ND	F2	50.0	30.78	F2	ug/L		62	54 - 146	49	30
1,1,1,2-Tetrachloroethane	ND	F2	50.0	35.97	F2	ug/L		72	59 - 137	46	30
1,1,2,2-Tetrachloroethane	ND	F2	50.0	39.98	F2	ug/L		80	66 - 135	40	30
Tetrachloroethene	ND	F2	50.0	29.59	F2	ug/L		59	52 - 133	49	30
Toluene	ND	F2	50.0	35.56	F2	ug/L		71	65 - 130	45	30
trans-1,4-Dichloro-2-butene	ND	F2	50.0	45.27	F2	ug/L		91	43 - 147	45	36
trans-1,2-Dichloroethene	ND	F2	50.0	38.91	F2	ug/L		78	61 - 143	40	30
trans-1,3-Dichloropropene	ND	F2	50.0	37.34	F2	ug/L		75	53 - 133	47	30

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

Lab Sample ID: 752-39945-2 MSD
Matrix: Water
Analysis Batch: 733780

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	ND	F2	50.0	32.38	F2	ug/L		65	43 - 145	40	30
1,2,4-Trichlorobenzene	ND	F2	50.0	31.59	F2	ug/L		63	39 - 148	46	30
1,1,1-Trichloroethane	ND	F2	50.0	40.39	F2	ug/L		81	57 - 142	42	30
1,1,2-Trichloroethane	ND	F2	50.0	39.92	F2	ug/L		80	66 - 131	44	30
Trichloroethene	ND	F2	50.0	35.35	F2	ug/L		71	64 - 136	45	30
Trichlorofluoromethane	ND		50.0	50.87		ug/L		102	54 - 150	12	30
1,2,3-Trichloropropane	ND	F2	50.0	38.94	F2	ug/L		78	65 - 133	39	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	50.0	37.52	F2	ug/L		75	55 - 150	42	30
1,2,4-Trimethylbenzene	ND	F2	50.0	31.65	F2	ug/L		63	50 - 139	48	30
1,3,5-Trimethylbenzene	ND	F2	50.0	30.56	F2	ug/L		61	52 - 135	48	30
Vinyl acetate	ND		100	103.1		ug/L		103	26 - 150	26	33
Vinyl chloride	ND		50.0	48.08		ug/L		96	46 - 150	11	30
Xylenes, Total	ND	F2	100	66.21	F2	ug/L		66	59 - 130	48	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*56 - 136*
Dibromofluoromethane	*105*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*
Toluene-d8 (Surr)	*98*		*64 - 132*

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

Lab Sample ID: MB 400-733279/1-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/10/25 09:56	12/10/25 17:33	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/10/25 09:56	12/10/25 17:33	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/10/25 09:56	12/10/25 17:33	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/10/25 09:56	12/10/25 17:33	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/10/25 09:56	12/10/25 17:33	1

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

Lab Sample ID: MB 400-733279/1-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/10/25 09:56	12/10/25 17:33	1
Acenaphthene	ND		10.0	0.630	ug/L		12/10/25 09:56	12/10/25 17:33	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/10/25 09:56	12/10/25 17:33	1
Acetophenone	ND		10.0	3.20	ug/L		12/10/25 09:56	12/10/25 17:33	1
Anthracene	ND		10.0	0.910	ug/L		12/10/25 09:56	12/10/25 17:33	1
Atrazine	ND		10.0	1.13	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/10/25 09:56	12/10/25 17:33	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/10/25 09:56	12/10/25 17:33	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/10/25 09:56	12/10/25 17:33	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/10/25 09:56	12/10/25 17:33	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Caprolactam	ND		10.0	2.40	ug/L		12/10/25 09:56	12/10/25 17:33	1
Carbazole	ND		10.0	0.320	ug/L		12/10/25 09:56	12/10/25 17:33	1
Chrysene	ND		10.0	1.20	ug/L		12/10/25 09:56	12/10/25 17:33	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/10/25 09:56	12/10/25 17:33	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/10/25 09:56	12/10/25 17:33	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/10/25 09:56	12/10/25 17:33	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Fluoranthene	ND		10.0	0.630	ug/L		12/10/25 09:56	12/10/25 17:33	1
Fluorene	ND		10.0	0.670	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/10/25 09:56	12/10/25 17:33	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/10/25 09:56	12/10/25 17:33	1
Isophorone	ND		10.0	0.800	ug/L		12/10/25 09:56	12/10/25 17:33	1
Naphthalene	ND		10.0	0.750	ug/L		12/10/25 09:56	12/10/25 17:33	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/10/25 09:56	12/10/25 17:33	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/10/25 09:56	12/10/25 17:33	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/10/25 09:56	12/10/25 17:33	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/10/25 09:56	12/10/25 17:33	1
Phenanthrene	ND		10.0	0.740	ug/L		12/10/25 09:56	12/10/25 17:33	1
Phenol	ND		10.0	0.680	ug/L		12/10/25 09:56	12/10/25 17:33	1
Pyrene	ND		10.0	0.630	ug/L		12/10/25 09:56	12/10/25 17:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 150*	*12/10/25 09:56*	*12/10/25 17:33*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*12/10/25 09:56*	*12/10/25 17:33*	*1*

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

Lab Sample ID: MB 400-733279/1-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733279

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		10 - 150	12/10/25 09:56	12/10/25 17:33	1
Nitrobenzene-d5 (Surr)	80		22 - 150	12/10/25 09:56	12/10/25 17:33	1
Phenol-d5 (Surr)	88		10 - 150	12/10/25 09:56	12/10/25 17:33	1
Terphenyl-d14 (Surr)	75		28 - 150	12/10/25 09:56	12/10/25 17:33	1

Lab Sample ID: LCS 400-733279/2-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	24.09		ug/L		72	27 - 120
2,4,5-Trichlorophenol	33.3	30.55		ug/L		92	27 - 136
2,4,6-Trichlorophenol	33.3	30.30		ug/L		91	21 - 132
2,4-Dichlorophenol	33.3	28.76		ug/L		86	30 - 125
2,4-Dimethylphenol	33.3	22.18		ug/L		67	10 - 142
2,4-Dinitrophenol	66.7	59.83		ug/L		90	10 - 150
2,4-Dinitrotoluene	33.3	26.34		ug/L		79	30 - 129
2,6-Dinitrotoluene	33.3	28.92		ug/L		87	34 - 132
2-Chloronaphthalene	33.3	22.24		ug/L		67	10 - 150
2-Chlorophenol	33.3	27.24		ug/L		82	28 - 127
2-Methylnaphthalene	33.3	23.46		ug/L		70	24 - 150
2-Methylphenol	33.3	25.95		ug/L		78	11 - 121
2-Nitroaniline	33.3	28.49		ug/L		85	31 - 141
2-Nitrophenol	33.3	30.62		ug/L		92	31 - 142
3 & 4 Methylphenol	33.3	25.60		ug/L		77	10 - 150
3,3'-Dichlorobenzidine	66.7	31.83		ug/L		48	10 - 150
3-Nitroaniline	33.3	26.26		ug/L		79	33 - 136
4,6-Dinitro-2-methylphenol	66.7	55.09		ug/L		83	10 - 150
4-Bromophenyl phenyl ether	33.3	25.20		ug/L		76	24 - 120
4-Chloro-3-methylphenol	33.3	27.31		ug/L		82	10 - 137
4-Chloroaniline	33.3	24.89		ug/L		75	10 - 150
4-Chlorophenyl phenyl ether	33.3	23.07		ug/L		69	31 - 110
4-Nitroaniline	33.3	23.81		ug/L		71	37 - 139
4-Nitrophenol	66.7	56.42		ug/L		85	10 - 150
Acenaphthene	33.3	24.21		ug/L		73	29 - 150
Acenaphthylene	33.3	24.93		ug/L		75	30 - 150
Acetophenone	33.3	23.76		ug/L		71	27 - 119
Anthracene	33.3	24.93		ug/L		75	31 - 150
Atrazine	33.3	27.68		ug/L		83	10 - 150
Benzaldehyde	33.3	22.17		ug/L		67	10 - 150
Benzo[a]anthracene	33.3	24.34		ug/L		73	36 - 150
Benzo[a]pyrene	33.3	25.28		ug/L		76	29 - 150
Benzo[b]fluoranthene	33.3	25.85		ug/L		78	32 - 150
Benzo[g,h,i]perylene	33.3	25.14		ug/L		75	28 - 150
Benzo[k]fluoranthene	33.3	25.12		ug/L		75	30 - 150
bis (2-chloroisopropyl) ether	33.3	24.02		ug/L		72	32 - 115
Bis(2-chloroethoxy)methane	33.3	27.14		ug/L		81	34 - 120
Bis(2-chloroethyl)ether	33.3	26.36		ug/L		79	32 - 114

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

Lab Sample ID: LCS 400-733279/2-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	33.3	25.65		ug/L		77	24 - 133
Butyl benzyl phthalate	33.3	23.31		ug/L		70	24 - 140
Caprolactam	33.3	27.50		ug/L		82	10 - 150
Carbazole	33.3	24.96		ug/L		75	28 - 123
Chrysene	33.3	23.56		ug/L		71	34 - 150
Dibenz(a,h)anthracene	33.3	24.10		ug/L		72	29 - 150
Dibenzofuran	33.3	23.94		ug/L		72	35 - 110
Diethyl phthalate	33.3	18.53		ug/L		56	31 - 118
Dimethyl phthalate	33.3	20.14		ug/L		60	24 - 125
Di-n-butyl phthalate	33.3	22.98		ug/L		69	30 - 127
Di-n-octyl phthalate	33.3	26.70		ug/L		80	28 - 142
Fluoranthene	33.3	25.31		ug/L		76	30 - 150
Fluorene	33.3	25.09		ug/L		75	30 - 150
Hexachlorobenzene	33.3	25.66		ug/L		77	29 - 113
Hexachlorobutadiene	33.3	11.94		ug/L		36	10 - 117
Hexachlorocyclopentadiene	33.3	11.12	J	ug/L		33	10 - 150
Hexachloroethane	33.3	13.36		ug/L		40	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	23.95		ug/L		72	28 - 150
Isophorone	33.3	25.16		ug/L		75	29 - 125
Naphthalene	33.3	21.67		ug/L		65	27 - 150
Nitrobenzene	33.3	25.72		ug/L		77	29 - 129
N-Nitrosodi-n-propylamine	33.3	28.38		ug/L		85	50 - 134
N-Nitrosodiphenylamine	33.1	25.09		ug/L		76	50 - 132
Pentachlorophenol	66.7	63.34		ug/L		95	14 - 150
Phenanthrene	33.3	24.91		ug/L		75	32 - 150
Phenol	33.3	30.44		ug/L		91	10 - 150
Pyrene	33.3	24.93		ug/L		75	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 150*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*
2-Fluorophenol (Surr)	*81*		*10 - 150*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*
Phenol-d5 (Surr)	*95*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

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

Lab Sample ID: MB 400-733227/1-A
Matrix: Water
Analysis Batch: 733474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/09/25 17:38	12/11/25 11:29	1

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

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

Lab Sample ID: LCS 400-733227/2-A
Matrix: Water
Analysis Batch: 733474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733227

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	16.35		ug/L		102	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*34*		*10 - 140*

Lab Sample ID: LCSD 400-733227/3-A
Matrix: Water
Analysis Batch: 733474

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733227

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.82		ug/L		111	30 - 150	9	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-99859/1-A
Matrix: Water
Analysis Batch: 100197

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 02:54	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 02:54	1
Barium	ND		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 02:54	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 02:54	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 02:54	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 02:54	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 07:15	12/09/25 02:54	1
Copper	ND		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 02:54	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 02:54	1
Manganese	ND		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 02:54	1
Nickel	ND		5.00	0.422	ug/L		12/08/25 07:15	12/09/25 02:54	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 02:54	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 02:54	1
Thallium	0.5200	J	1.00	0.190	ug/L		12/08/25 07:15	12/09/25 02:54	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 02:54	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 02:54	1

Lab Sample ID: LCS 705-99859/2-A
Matrix: Water
Analysis Batch: 100197

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	92.75		ug/L		93	80 - 120		
Arsenic			100	92.49		ug/L		92	80 - 120		
Barium			100	89.32		ug/L		89	80 - 120		
Beryllium			100	97.88		ug/L		98	80 - 120		

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

Lab Sample ID: LCS 705-99859/2-A
Matrix: Water
Analysis Batch: 100197

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	90.31		ug/L		90	80 - 120
Chromium	100	94.14		ug/L		94	80 - 120
Cobalt	100	97.24		ug/L		97	80 - 120
Copper	100	96.51		ug/L		97	80 - 120
Lead	100	97.51		ug/L		98	80 - 120
Manganese	100	95.80		ug/L		96	80 - 120
Nickel	100	98.74		ug/L		99	80 - 120
Selenium	100	102.1		ug/L		102	80 - 120
Silver	10.0	9.641		ug/L		96	80 - 120
Thallium	100	99.33		ug/L		99	80 - 120
Vanadium	100	93.19		ug/L		93	80 - 120
Zinc	100	94.93		ug/L		95	80 - 120

Lab Sample ID: 752-39945-1 MS
Matrix: Water
Analysis Batch: 100197

Client Sample ID: MW-1
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	4.25	J	100	91.48		ug/L		87	75 - 125
Arsenic	4.45	J	100	97.52		ug/L		93	75 - 125
Barium	139		100	224.3		ug/L		86	75 - 125
Beryllium	1.01		100	101.3		ug/L		100	75 - 125
Cadmium	0.637	J	100	89.49		ug/L		89	75 - 125
Chromium	5.42		100	100.9		ug/L		96	75 - 125
Cobalt	3.97	J	100	97.65		ug/L		94	75 - 125
Copper	4.47		100	101.1		ug/L		97	75 - 125
Lead	3.97		100	97.60		ug/L		94	75 - 125
Manganese	83.7		100	181.6		ug/L		98	75 - 125
Nickel	4.45	J	100	98.91		ug/L		94	75 - 125
Selenium	ND		100	103.6		ug/L		104	75 - 125
Silver	0.333	J	10.0	10.04		ug/L		97	75 - 125
Thallium	3.05	B	100	100.9		ug/L		98	75 - 125
Vanadium	12.8		100	107.8		ug/L		95	75 - 125
Zinc	ND		100	96.69		ug/L		97	75 - 125

Lab Sample ID: 752-39945-1 MSD
Matrix: Water
Analysis Batch: 100197

Client Sample ID: MW-1
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	4.25	J	100	94.72		ug/L		90	75 - 125	3	20
Arsenic	4.45	J	100	100.3		ug/L		96	75 - 125	3	20
Barium	139		100	230.5		ug/L		92	75 - 125	3	20
Beryllium	1.01		100	99.14		ug/L		98	75 - 125	2	20
Cadmium	0.637	J	100	90.95		ug/L		90	75 - 125	2	20
Chromium	5.42		100	100.7		ug/L		95	75 - 125	0	20
Cobalt	3.97	J	100	100.1		ug/L		96	75 - 125	2	20
Copper	4.47		100	101.5		ug/L		97	75 - 125	0	20
Lead	3.97		100	103.1		ug/L		99	75 - 125	5	20

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

Lab Sample ID: 752-39945-1 MSD — **Client Sample ID: MW-1**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 100197 — **Prep Batch: 99859**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	83.7		100	174.0		ug/L		90	75 - 125	4	20
Nickel	4.45	J	100	100.4		ug/L		96	75 - 125	1	20
Selenium	ND		100	100.3		ug/L		100	75 - 125	3	20
Silver	0.333	J	10.0	10.19		ug/L		99	75 - 125	2	20
Thallium	3.05	B	100	102.2		ug/L		99	75 - 125	1	20
Vanadium	12.8		100	109.0		ug/L		96	75 - 125	1	20
Zinc	ND		100	106.2		ug/L		106	75 - 125	9	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-100950/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 101339 — **Prep Batch: 100950**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 18:26	12/11/25 22:23	1

Lab Sample ID: LCS 705-100950/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 101339 — **Prep Batch: 100950**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.462		ug/L		112	80 - 120

Lab Sample ID: MB 705-100952/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 101340 — **Prep Batch: 100952**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:18	1

Lab Sample ID: LCS 705-100952/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 101340 — **Prep Batch: 100952**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.328		ug/L		108	80 - 120

Lab Sample ID: 752-39945-3 MS — **Client Sample ID: MW-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 101340 — **Prep Batch: 100952**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		4.00	4.327		ug/L		108	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 752-39945-3 MSD
Matrix: Water
Analysis Batch: 101340

Client Sample ID: MW-3
Prep Type: Total/NA
Prep Batch: 100952

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	4.332		ug/L		108	75 - 125	0	20

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887595/13
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 11:27	1

Lab Sample ID: MB 680-887595/32
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 12:36	1

Lab Sample ID: MB 680-887595/52
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 13:45	1

Lab Sample ID: LCS 680-887595/14
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9925		mg/L		99	90 - 110

Lab Sample ID: LCS 680-887595/33
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.012		mg/L		101	90 - 110

Lab Sample ID: LCS 680-887595/53
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9883		mg/L		99	90 - 110

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-39945-1 MS
Matrix: Water
Analysis Batch: 887595

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	0.9650		mg/L		97	90 - 110

Lab Sample ID: 752-39945-1 MSD
Matrix: Water
Analysis Batch: 887595

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	0.9823		mg/L		98	90 - 110	2	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14315/10
Matrix: Water
Analysis Batch: 14315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/05/25 11:26	1

Lab Sample ID: MB 752-14315/41
Matrix: Water
Analysis Batch: 14315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/05/25 15:34	1

Lab Sample ID: LCS 752-14315/13
Matrix: Water
Analysis Batch: 14315

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	1.006		mg/L		101	90 - 110

Lab Sample ID: LCSD 752-14315/60
Matrix: Water
Analysis Batch: 14315

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	1.00	0.9636		mg/L		96	90 - 110	1	10

Lab Sample ID: 752-39945-8 MS
Matrix: Water
Analysis Batch: 14315

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND	F1	1.00	1.343	F1	mg/L		134	90 - 110

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 752-39945-8 MSD
Matrix: Water
Analysis Batch: 14315

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND	F1	1.00	1.349	F1	mg/L		135	90 - 110	0	10

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

Lab Sample ID: MB 680-887615/57
Matrix: Water
Analysis Batch: 887615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			12/11/25 12:38	1

Lab Sample ID: LCS 680-887615/58
Matrix: Water
Analysis Batch: 887615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9520		mg/L		95	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-733054/20
Matrix: Water
Analysis Batch: 733054

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/08/25 15:51	1

Lab Sample ID: LCS 400-733054/21
Matrix: Water
Analysis Batch: 733054

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.85		mg/L		99	90 - 110

Lab Sample ID: MRL 400-733054/22
Matrix: Water
Analysis Batch: 733054

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	5.396		mg/L		108	50 - 150

Lab Sample ID: 752-39945-1 MS
Matrix: Water
Analysis Batch: 733054

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	65.7		10.0	69.82	4	mg/L		41	77 - 128

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

Job ID: 752-39945-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 752-39945-1 MSD
Matrix: Water
Analysis Batch: 733054

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	65.7		10.0	69.83	4	mg/L		41	77 - 128	0	5

QC Association Summary

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

Job ID: 752-39945-1

GC/MS VOA

Analysis Batch: 733581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	8260D	
752-39945-3	MW-3	Total/NA	Water	8260D	
752-39945-4	MW-4	Total/NA	Water	8260D	
752-39945-5	MW-5	Total/NA	Water	8260D	
752-39945-6	MW-6	Total/NA	Water	8260D	
752-39945-7	MW-7	Total/NA	Water	8260D	
752-39945-8	MW-8	Total/NA	Water	8260D	
752-39945-9	MW-9	Total/NA	Water	8260D	
752-39945-11	Trip Blank	Total/NA	Water	8260D	
MB 400-733581/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733581/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 733780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-2	MW-2	Total/NA	Water	8260D	
752-39945-10	120425-Dup-1	Total/NA	Water	8260D	
MB 400-733780/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733780/1002	Lab Control Sample	Total/NA	Water	8260D	
752-39945-2 MS	MW-2	Total/NA	Water	8260D	
752-39945-2 MSD	MW-2	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	3510C	
752-39945-2	MW-2	Total/NA	Water	3510C	
752-39945-3	MW-3	Total/NA	Water	3510C	
752-39945-4	MW-4	Total/NA	Water	3510C	
752-39945-5	MW-5	Total/NA	Water	3510C	
752-39945-6	MW-6	Total/NA	Water	3510C	
752-39945-7	MW-7	Total/NA	Water	3510C	
752-39945-8	MW-8	Total/NA	Water	3510C	
752-39945-9	MW-9	Total/NA	Water	3510C	
752-39945-10	120425-Dup-1	Total/NA	Water	3510C	
MB 400-733227/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-733227/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-733227/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 733279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	3511	
752-39945-2	MW-2	Total/NA	Water	3511	
752-39945-2 - RA	MW-2	Total/NA	Water	3511	
752-39945-3	MW-3	Total/NA	Water	3511	
752-39945-4	MW-4	Total/NA	Water	3511	
752-39945-5	MW-5	Total/NA	Water	3511	
752-39945-6	MW-6	Total/NA	Water	3511	
752-39945-7	MW-7	Total/NA	Water	3511	
752-39945-8	MW-8	Total/NA	Water	3511	
752-39945-9	MW-9	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 733279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-10	120425-Dup-1	Total/NA	Water	3511	
MB 400-733279/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-733279/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 733300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-733279/1-A	Method Blank	Total/NA	Water	8270E	733279
LCS 400-733279/2-A	Lab Control Sample	Total/NA	Water	8270E	733279

Analysis Batch: 733437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	8270E	733279
752-39945-2	MW-2	Total/NA	Water	8270E	733279
752-39945-3	MW-3	Total/NA	Water	8270E	733279
752-39945-4	MW-4	Total/NA	Water	8270E	733279
752-39945-5	MW-5	Total/NA	Water	8270E	733279
752-39945-6	MW-6	Total/NA	Water	8270E	733279
752-39945-7	MW-7	Total/NA	Water	8270E	733279
752-39945-8	MW-8	Total/NA	Water	8270E	733279
752-39945-9	MW-9	Total/NA	Water	8270E	733279
752-39945-10	120425-Dup-1	Total/NA	Water	8270E	733279

Analysis Batch: 733474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	8270E SIM ID	733227
752-39945-2	MW-2	Total/NA	Water	8270E SIM ID	733227
752-39945-3	MW-3	Total/NA	Water	8270E SIM ID	733227
752-39945-4	MW-4	Total/NA	Water	8270E SIM ID	733227
752-39945-5	MW-5	Total/NA	Water	8270E SIM ID	733227
752-39945-6	MW-6	Total/NA	Water	8270E SIM ID	733227
752-39945-7	MW-7	Total/NA	Water	8270E SIM ID	733227
752-39945-8	MW-8	Total/NA	Water	8270E SIM ID	733227
752-39945-9	MW-9	Total/NA	Water	8270E SIM ID	733227
752-39945-10	120425-Dup-1	Total/NA	Water	8270E SIM ID	733227
MB 400-733227/1-A	Method Blank	Total/NA	Water	8270E SIM ID	733227
LCS 400-733227/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	733227
LCSD 400-733227/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	733227

Analysis Batch: 733598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-2 - RA	MW-2	Total/NA	Water	8270E	733279

Analysis Batch: 733793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-10	120425-Dup-1	Total/NA	Water	8270E	733279

Metals

Prep Batch: 99859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 99859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-2	MW-2	Total Recoverable	Water	3005A	
752-39945-3	MW-3	Total Recoverable	Water	3005A	
752-39945-4	MW-4	Total Recoverable	Water	3005A	
752-39945-5	MW-5	Total Recoverable	Water	3005A	
752-39945-6	MW-6	Total Recoverable	Water	3005A	
752-39945-7	MW-7	Total Recoverable	Water	3005A	
752-39945-8	MW-8	Total Recoverable	Water	3005A	
752-39945-9	MW-9	Total Recoverable	Water	3005A	
752-39945-10	120425-Dup-1	Total Recoverable	Water	3005A	
MB 705-99859/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-99859/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-39945-1 MS	MW-1	Total Recoverable	Water	3005A	
752-39945-1 MSD	MW-1	Total Recoverable	Water	3005A	

Analysis Batch: 100197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total Recoverable	Water	6020B	99859
752-39945-2	MW-2	Total Recoverable	Water	6020B	99859
752-39945-3	MW-3	Total Recoverable	Water	6020B	99859
752-39945-4	MW-4	Total Recoverable	Water	6020B	99859
752-39945-5	MW-5	Total Recoverable	Water	6020B	99859
752-39945-6	MW-6	Total Recoverable	Water	6020B	99859
752-39945-7	MW-7	Total Recoverable	Water	6020B	99859
752-39945-8	MW-8	Total Recoverable	Water	6020B	99859
752-39945-9	MW-9	Total Recoverable	Water	6020B	99859
752-39945-10	120425-Dup-1	Total Recoverable	Water	6020B	99859
MB 705-99859/1-A	Method Blank	Total Recoverable	Water	6020B	99859
LCS 705-99859/2-A	Lab Control Sample	Total Recoverable	Water	6020B	99859
752-39945-1 MS	MW-1	Total Recoverable	Water	6020B	99859
752-39945-1 MSD	MW-1	Total Recoverable	Water	6020B	99859

Analysis Batch: 100621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total Recoverable	Water	6020B	99859
752-39945-4	MW-4	Total Recoverable	Water	6020B	99859

Prep Batch: 100950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	7470A	
752-39945-2	MW-2	Total/NA	Water	7470A	
MB 705-100950/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-100950/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 100952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-3	MW-3	Total/NA	Water	7470A	
752-39945-4	MW-4	Total/NA	Water	7470A	
752-39945-5	MW-5	Total/NA	Water	7470A	
752-39945-6	MW-6	Total/NA	Water	7470A	
752-39945-7	MW-7	Total/NA	Water	7470A	
752-39945-8	MW-8	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 100952 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-9	MW-9	Total/NA	Water	7470A	
752-39945-10	120425-Dup-1	Total/NA	Water	7470A	
MB 705-100952/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-100952/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-39945-3 MS	MW-3	Total/NA	Water	7470A	
752-39945-3 MSD	MW-3	Total/NA	Water	7470A	

Analysis Batch: 101339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	7470A	100950
752-39945-2	MW-2	Total/NA	Water	7470A	100950
MB 705-100950/1-A	Method Blank	Total/NA	Water	7470A	100950
LCS 705-100950/2-A	Lab Control Sample	Total/NA	Water	7470A	100950

Analysis Batch: 101340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-3	MW-3	Total/NA	Water	7470A	100952
752-39945-4	MW-4	Total/NA	Water	7470A	100952
752-39945-5	MW-5	Total/NA	Water	7470A	100952
752-39945-6	MW-6	Total/NA	Water	7470A	100952
752-39945-7	MW-7	Total/NA	Water	7470A	100952
752-39945-8	MW-8	Total/NA	Water	7470A	100952
752-39945-9	MW-9	Total/NA	Water	7470A	100952
752-39945-10	120425-Dup-1	Total/NA	Water	7470A	100952
MB 705-100952/1-A	Method Blank	Total/NA	Water	7470A	100952
LCS 705-100952/2-A	Lab Control Sample	Total/NA	Water	7470A	100952
752-39945-3 MS	MW-3	Total/NA	Water	7470A	100952
752-39945-3 MSD	MW-3	Total/NA	Water	7470A	100952

Analysis Batch: 101682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-2	MW-2	Total Recoverable	Water	6020B	99859

General Chemistry

Analysis Batch: 14315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	353.2	
752-39945-2	MW-2	Total/NA	Water	353.2	
752-39945-3	MW-3	Total/NA	Water	353.2	
752-39945-4	MW-4	Total/NA	Water	353.2	
752-39945-5	MW-5	Total/NA	Water	353.2	
752-39945-6	MW-6	Total/NA	Water	353.2	
752-39945-7	MW-7	Total/NA	Water	353.2	
752-39945-8	MW-8	Total/NA	Water	353.2	
752-39945-9	MW-9	Total/NA	Water	353.2	
752-39945-10	120425-Dup-1	Total/NA	Water	353.2	
MB 752-14315/10	Method Blank	Total/NA	Water	353.2	
MB 752-14315/41	Method Blank	Total/NA	Water	353.2	
LCS 752-14315/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14315/60	Lab Control Sample Dup	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 14315 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-8 MS	MW-8	Total/NA	Water	353.2	
752-39945-8 MSD	MW-8	Total/NA	Water	353.2	

Analysis Batch: 733054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39945-2	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39945-3	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-39945-4	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-39945-5	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-39945-6	MW-6	Total/NA	Water	SM 4500 SO4 E	
752-39945-7	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39945-8	MW-8	Total/NA	Water	SM 4500 SO4 E	
752-39945-9	MW-9	Total/NA	Water	SM 4500 SO4 E	
752-39945-10	120425-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-733054/20	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-733054/21	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-733054/22	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-39945-1 MS	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39945-1 MSD	MW-1	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	Nitrate by calc	
752-39945-2	MW-2	Total/NA	Water	Nitrate by calc	
752-39945-3	MW-3	Total/NA	Water	Nitrate by calc	
752-39945-4	MW-4	Total/NA	Water	Nitrate by calc	
752-39945-5	MW-5	Total/NA	Water	Nitrate by calc	
752-39945-6	MW-6	Total/NA	Water	Nitrate by calc	
752-39945-7	MW-7	Total/NA	Water	Nitrate by calc	
752-39945-8	MW-8	Total/NA	Water	Nitrate by calc	
752-39945-9	MW-9	Total/NA	Water	Nitrate by calc	
752-39945-10	120425-Dup-1	Total/NA	Water	Nitrate by calc	

Analysis Batch: 887595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39945-2	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39945-3	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39945-4	MW-4	Total/NA	Water	350.1-1993 R2.0	
752-39945-5	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-39945-6	MW-6	Total/NA	Water	350.1-1993 R2.0	
752-39945-7	MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39945-8	MW-8	Total/NA	Water	350.1-1993 R2.0	
752-39945-9	MW-9	Total/NA	Water	350.1-1993 R2.0	
752-39945-10	120425-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/32	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/52	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887595/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887595/33	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	

General Chemistry (Continued)

Analysis Batch: 887595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-887595/53	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-39945-1 MS	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39945-1 MSD	MW-1	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39945-1	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-39945-2	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-39945-3	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-39945-4	MW-4	Total/NA	Water	353.2-1993 R2.0	
752-39945-5	MW-5	Total/NA	Water	353.2-1993 R2.0	
752-39945-6	MW-6	Total/NA	Water	353.2-1993 R2.0	
752-39945-7	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-39945-8	MW-8	Total/NA	Water	353.2-1993 R2.0	
752-39945-9	MW-9	Total/NA	Water	353.2-1993 R2.0	
752-39945-10	120425-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887615/57	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887615/58	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-39945-1

Client Sample ID: MW-1

Lab Sample ID: 752-39945-1

Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 15:03
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 17:37
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 12:32
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:00
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		5	100621	IF	EET ATL	12/09/25 21:29
Total/NA	Prep	7470A			100950	TA	EET ATL	12/11/25 18:26
Total/NA	Analysis	7470A		1	101339	TA	EET ATL	12/12/25 00:13
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 15:28
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:36
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 13:57
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		2	733054	CJK	EET PEN	12/08/25 16:22

Client Sample ID: MW-2

Lab Sample ID: 752-39945-2

Date Collected: 12/04/25 10:45
Date Received: 12/05/25 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733780	RSG	EET PEN	12/15/25 13:01
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 18:07
Total/NA	Prep	3511	RA		733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E	RA	1	733598	JAW	EET PEN	12/13/25 00:46
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 12:53
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:10
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	101682	IF	EET ATL	12/14/25 19:02
Total/NA	Prep	7470A			100950	TA	EET ATL	12/11/25 18:26
Total/NA	Analysis	7470A		1	101339	TA	EET ATL	12/12/25 00:16
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:20
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:37
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 13:59
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:03

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-3
Lab Sample ID: 752-39945-3
Date Collected: 12/04/25 11:55
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 15:56
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 18:37
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 13:14
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:13
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/11/25 23:25
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:23
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:38
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:31
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:03

Client Sample ID: MW-4
Lab Sample ID: 752-39945-4
Date Collected: 12/04/25 12:40
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 16:23
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 19:07
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 13:36
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:16
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		5	100621	IF	EET ATL	12/09/25 21:32
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/11/25 23:36
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:25
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:39
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:33
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:04

Client Sample ID: MW-5
Lab Sample ID: 752-39945-5
Date Collected: 12/04/25 13:55
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 16:49

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-5
Lab Sample ID: 752-39945-5
Date Collected: 12/04/25 13:55
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 19:37
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 13:57
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:39
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/11/25 23:39
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:28
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:40
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:35
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:04

Client Sample ID: MW-6
Lab Sample ID: 752-39945-6
Date Collected: 12/04/25 15:00
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 17:16
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 20:06
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 14:18
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:41
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/11/25 23:43
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:41
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:41
Total/NA	Analysis	353.2-1993 R2.0		5	887615	NVF	EET SAV	12/11/25 15:37
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:05

Client Sample ID: MW-7
Lab Sample ID: 752-39945-7
Date Collected: 12/04/25 14:05
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 17:42
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 20:36
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 14:39

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-7
Lab Sample ID: 752-39945-7
Date Collected: 12/04/25 14:05
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:44
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/11/25 23:46
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:44
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:42
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:38
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:05

Client Sample ID: MW-8
Lab Sample ID: 752-39945-8
Date Collected: 12/04/25 13:05
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 18:09
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 21:06
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 15:00
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:46
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/11/25 23:49
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:47
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:44
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:39
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		5	733054	CJK	EET PEN	12/08/25 16:51

Client Sample ID: MW-9
Lab Sample ID: 752-39945-9
Date Collected: 12/04/25 12:40
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 18:35
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 21:36
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 15:21
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:49
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 00:03

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Client Sample ID: MW-9
Lab Sample ID: 752-39945-9
Date Collected: 12/04/25 12:40
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:49
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:47
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:40
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:06

Client Sample ID: 120425-Dup-1
Lab Sample ID: 752-39945-10
Date Collected: 12/04/25 00:00
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733780	RSG	EET PEN	12/15/25 13:28
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 22:05
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		10	733793	S1B	EET PEN	12/15/25 16:09
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 15:43
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:52
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 00:07
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:52
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:48
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 15:41
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:24

Client Sample ID: Trip Blank
Lab Sample ID: 752-39945-11
Date Collected: 12/04/25 00:00
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 19:28

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: 752-39945-1
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	12-31-25

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Job ID: 752-39945-1
Project/Site: East Durham Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

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

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

EET SAV = Eurofins Savannah, 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: 752-39945-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-39945-1	MW-1	Water	12/04/25 10:45	12/05/25 08:00	North Carolina
752-39945-2	MW-2	Water	12/04/25 10:45	12/05/25 08:00	North Carolina
752-39945-3	MW-3	Water	12/04/25 11:55	12/05/25 08:00	North Carolina
752-39945-4	MW-4	Water	12/04/25 12:40	12/05/25 08:00	North Carolina
752-39945-5	MW-5	Water	12/04/25 13:55	12/05/25 08:00	North Carolina
752-39945-6	MW-6	Water	12/04/25 15:00	12/05/25 08:00	North Carolina
752-39945-7	MW-7	Water	12/04/25 14:05	12/05/25 08:00	North Carolina
752-39945-8	MW-8	Water	12/04/25 13:05	12/05/25 08:00	North Carolina
752-39945-9	MW-9	Water	12/04/25 12:40	12/05/25 08:00	North Carolina
752-39945-10	120425-Dup-1	Water	12/04/25 00:00	12/05/25 08:00	North Carolina
752-39945-11	Trip Blank	Water	12/04/25 00:00	12/05/25 08:00	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170209-59869.1
Client Contact: Jerry Paul	Phone: (586)337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: S&ME Inc	PWSID:	Analysis Requested		Job #:
Address: 3201 Spring Forest Road	Due Due Requested:			Preservation Codes: N - None S - H2SO4 A - HCL D - HNO3
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BI			
Email: jpaul@smeinc.com	WO #:			
Project Name: East Durham Park	Project #: 68026680			Other:
Site:	SSOW#:			NCPEQ EQuIS EDDs

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	752-39945 COC	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N			
MW-1	12/4/25	1045	G	W			X	X	X	X	X	X	X			
MW-2		1045					X	X	X	X	X	X	X			
MW-3		1155					X	X	X	X	X	X	X			
MW-4		1240					X	X	X	X	X	X	X			
MW-5		1355					X	X	X	X	X	X	X			
MW-6		1500					X	X	X	X	X	X	X			
MW-7		1405					X	X	X	X	X	X	X			
MW-8		1305					X	X	X	X	X	X	X			
MW-9		1240					X	X	X	X	X	X	X			
120425-Dup-1	↓	—	↓	↓			X	X	X	X	X	X	X			
Trip Blnk																

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/4/25 1750	SCME		12/5/25 800	
Relinquished by:			Received by:	Date/Time:	Company
Relinquished by:			Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3 coolers 1.6 1.4 0.9 0.7

Initial Temperature: 1.4 °C
Correction Factor: -0.2°C
Corrected Temperature: 1.2 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7442.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39945-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
MW-1 (752-39945-1)	12/4/25	10:45 Eastern	G	Water			X	X	X	X	10	
MW-2 (752-39945-2)	12/4/25	10 45 Eastern	G	Water			X	X	X	X	10	
MW-3 (752-39945-3)	12/4/25	11 55 Eastern	G	Water			X	X	X	X	10	
MW-4 (752-39945-4)	12/4/25	12.40 Eastern	G	Water			X	X	X	X	10	
MW-5 (752-39945-5)	12/4/25	13 55 Eastern	G	Water			X	X	X	X	9	
MW-6 (752-39945-6)	12/4/25	15.00 Eastern	G	Water			X	X	X	X	10	
MW-7 (752-39945-7)	12/4/25	14 05 Eastern	G	Water			X	X	X	X	10	
MW-8 (752-39945-8)	12/4/25	13 05 Eastern	G	Water			X	X	X	X	10	
MW-9 (752-39945-9)	12/4/25	12.40 Eastern	G	Water			X	X	X	X	10	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/5/25 1500				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/6/25 0935	Company EEAS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks: 0.0c 0.0c 0.0c IR0

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: 752-7442.2
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 #: 752-39945-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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)	8260D/6030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DS/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
120425-Dup-1 (752-39945-10)	12/4/25	Eastern	G	Water			X	X	X	X	4	
Trip Blank (752-39945-11)	12/4/25	10 45 Eastern	G	Water			X				1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/5/25 1500				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: BP	Date/Time: 12/6/25 0935	Company EBAS

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

Ver 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7444.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39945-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/15/2025			
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-1 (752-39945-1)	12/4/25	10:45 Eastern	G	Water			X	X	X		
MW-2 (752-39945-2)	12/4/25	10:45 Eastern	G	Water			X	X	X		
MW-3 (752-39945-3)	12/4/25	11:55 Eastern	G	Water			X	X	X		
MW-4 (752-39945-4)	12/4/25	12:40 Eastern	G	Water			X	X	X		
MW-5 (752-39945-5)	12/4/25	13:55 Eastern	G	Water			X	X	X		
MW-6 (752-39945-6)	12/4/25	15:00 Eastern	G	Water			X	X	X		
MW-7 (752-39945-7)	12/4/25	14:05 Eastern	G	Water			X	X	X		
MW-8 (752-39945-8)	12/4/25	13:05 Eastern	G	Water			X	X	X		
MW-9 (752-39945-9)	12/4/25	12:40 Eastern	G	Water			X	X	X		

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/5/25 1500			12/6/25 1045	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1/3.2

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7444.2
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 #: 752-39945-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
120425-Dup-1 (752-39945-10)	12/4/25	Eastern	G	Water			X	X	X		

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/5/25 1500			12/6/25 1045	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1/3.2

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39945-1

Login Number: 39945

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: 752-39945-1

Login Number: 39945
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/06/25 04:31 PM

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

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39945-1

Login Number: 39945
List Number: 4
Creator: Pardonner, Brett

List Source: Eurofins Pensacola
List Creation: 12/08/25 12:00 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.0°C 0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39945-1

Login Number: 39945
List Number: 2
Creator: Faught, Timothy

List Source: Eurofins Savannah
List Creation: 12/06/25 11:28 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/29/2025 5:22:34 AM

JOB DESCRIPTION

East Durham Park

JOB NUMBER

752-40146-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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12/29/2025 5:22:34 AM

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

Table of Contents

Definitions/Glossary

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^+	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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-40146-1

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

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

Receipt
The samples were received on 12/10/2025 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.4°C, 3.6°C, 3.6°C and 3.8°C.

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

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

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-101914 and analytical batch 705-102919 contained Thallium above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Detection Summary

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

Job ID: 752-40146-1

Client Sample ID: SW-1 — Lab Sample ID: 752-40146-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.30	J	10.0	4.04	ug/L	1		8260D	Total/NA
Chloroform	0.480	J	1.00	0.216	ug/L	1		8260D	Total/NA
Sulfate	31.9	F1	1.00	0.767	mg/L	1		9056A	Total/NA
Barium	38.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.09		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	59.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.66	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	11.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0210	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 752-40146-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.506	J	1.00	0.216	ug/L	1		8260D	Total/NA
Sulfate	31.9		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	38.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.36		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	41.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.76	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	13.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.401		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrite as N	0.0197	J	0.100	0.0168	mg/L	1		353.2	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 752-40146-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.73	J	10.0	4.04	ug/L	1		8260D	Total/NA
Chloroform	3.53		1.00	0.216	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.988	J	1.00	0.222	ug/L	1		8260D	Total/NA
Sulfate	30.9		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	40.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.550	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	4.01		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.94		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	41.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.57	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Thallium	0.606	J B	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	3.56	J	5.00	1.22	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-3 (Continued)
Lab Sample ID: 752-40146-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	49.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.246		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0233	J	0.0500	0.0141	mg/L	1		353.2	Total/NA
Nitrite as N	0.0665	J	0.100	0.0168	mg/L	1		353.2	Total/NA

Client Sample ID: SW-4
Lab Sample ID: 752-40146-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.33	J	10.0	4.04	ug/L	1		8260D	Total/NA
Chloroform	2.84		1.00	0.216	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.841	J	1.00	0.222	ug/L	1		8260D	Total/NA
Sulfate	29.0		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	39.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.83		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.89		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	37.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.42	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.21	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	45.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.218		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrite as N	0.0572	J	0.100	0.0168	mg/L	1		353.2	Total/NA

Client Sample ID: SW-5
Lab Sample ID: 752-40146-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.35	J	10.0	4.04	ug/L	1		8260D	Total/NA
Chloroform	2.41		1.00	0.216	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.704	J	1.00	0.222	ug/L	1		8260D	Total/NA
Sulfate	28.2		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	34.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.06		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.79		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	38.3		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.66	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.73	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	37.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.189		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0472	J	0.0500	0.0141	mg/L	1		353.2	Total/NA
Nitrite as N	0.0484	J	0.100	0.0168	mg/L	1		353.2	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40146-1

Client Sample ID: SW-6 — Lab Sample ID: 752-40146-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.71		1.00	0.216	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.557	J	1.00	0.222	ug/L	1		8260D	Total/NA
Sulfate	25.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	32.5		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.41		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.63		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	21.3		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.02	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Thallium	0.463	J B	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	2.30	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	24.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.152		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrite as N	0.0374	J	0.100	0.0168	mg/L	1		353.2	Total/NA

Client Sample ID: SW-7 — Lab Sample ID: 752-40146-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.64		1.00	0.216	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.476	J	1.00	0.222	ug/L	1		8260D	Total/NA
Sulfate	24.6		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	34.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.63		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.79		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	19.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.02	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.58	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	23.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.137		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrite as N	0.0372	J	0.100	0.0168	mg/L	1		353.2	Total/NA

Client Sample ID: SW-Dup — Lab Sample ID: 752-40146-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.60	J	10.0	4.04	ug/L	1		8260D	Total/NA
Chloroform	3.43		1.00	0.216	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.879	J	1.00	0.222	ug/L	1		8260D	Total/NA
Sulfate	30.5		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	35.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.84		2.00	0.642	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-Dup (Continued)
Lab Sample ID: 752-40146-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.11		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	46.3		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.26	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.52	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	50.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.471		0.100	0.0184	mg/L	1		350.1	Total/NA
Nitrite as N	0.0670	J	0.100	0.0168	mg/L	1		353.2	Total/NA

Client Sample ID: Trip Blank 1
Lab Sample ID: 752-40146-9

No Detections.

Client Sample ID: Trip Blank 2
Lab Sample ID: 752-40146-10

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-40146-1

Client Sample ID: SW-1
Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.30**	**J**	10.0	4.04	ug/L			12/18/25 17:55	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 17:55	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 17:55	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 17:55	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 17:55	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 17:55	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 17:55	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 17:55	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 17:55	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 17:55	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 17:55	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 17:55	1
Chloroform	**0.480**	**J**	1.00	0.216	ug/L			12/18/25 17:55	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 17:55	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 17:55	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 17:55	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 17:55	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 17:55	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 17:55	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 17:55	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 17:55	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 17:55	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 17:55	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 17:55	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 17:55	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 17:55	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 17:55	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 17:55	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 17:55	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 17:55	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 17:55	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 17:55	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 17:55	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 17:55	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 17:55	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 17:55	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 17:55	1
Iodomethane	ND		2.00	0.403	ug/L			12/19/25 14:26	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 17:55	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 17:55	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 17:55	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 17:55	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 17:55	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 17:55	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 17:55	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 17:55	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 17:55	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 17:55	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 17:55	1

Client Sample ID: SW-1
Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 17:55	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 17:55	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 17:55	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 17:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 17:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 17:55	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 17:55	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 17:55	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 17:55	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 17:55	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 17:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 17:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 17:55	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 17:55	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 17:55	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 17:55	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 17:55	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 17:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 17:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 17:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 17:55	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 17:55	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 17:55	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*12/18/25 17:55*	*1*
4-Bromofluorobenzene	*101*		*70 - 126*		*12/19/25 14:26*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/18/25 17:55*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*12/19/25 14:26*	*1*
Toluene-d8 (Surr)	*108*		*79 - 119*		*12/18/25 17:55*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*12/19/25 14:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		12/16/25 15:55	12/18/25 18:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 140*	*12/16/25 15:55*	*12/18/25 18:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		12/15/25 10:16	12/16/25 17:19	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		12/15/25 10:16	12/16/25 17:19	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		12/15/25 10:16	12/16/25 17:19	1

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: SW-1
Lab Sample ID: 752-40146-1
Date Collected: 12/10/25 13:15
Matrix: Water
Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		9.97	0.837	ug/L		12/15/25 10:16	12/16/25 17:19	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		12/15/25 10:16	12/16/25 17:19	1
2-Methylphenol	ND		9.97	0.757	ug/L		12/15/25 10:16	12/16/25 17:19	1
2-Nitroaniline	ND		9.97	1.37	ug/L		12/15/25 10:16	12/16/25 17:19	1
2-Nitrophenol	ND		9.97	1.17	ug/L		12/15/25 10:16	12/16/25 17:19	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		12/15/25 10:16	12/16/25 17:19	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		12/15/25 10:16	12/16/25 17:19	1
3-Nitroaniline	ND		9.97	0.947	ug/L		12/15/25 10:16	12/16/25 17:19	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		12/15/25 10:16	12/16/25 17:19	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		12/15/25 10:16	12/16/25 17:19	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		12/15/25 10:16	12/16/25 17:19	1
4-Chloroaniline	ND		9.97	0.578	ug/L		12/15/25 10:16	12/16/25 17:19	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		12/15/25 10:16	12/16/25 17:19	1
4-Nitroaniline	ND		9.97	3.49	ug/L		12/15/25 10:16	12/16/25 17:19	1
4-Nitrophenol	ND		9.97	2.73	ug/L		12/15/25 10:16	12/16/25 17:19	1
Acenaphthene	ND		9.97	0.628	ug/L		12/15/25 10:16	12/16/25 17:19	1
Acenaphthylene	ND		9.97	0.757	ug/L		12/15/25 10:16	12/16/25 17:19	1
Acetophenone	ND		9.97	3.19	ug/L		12/15/25 10:16	12/16/25 17:19	1
Anthracene	ND		9.97	0.907	ug/L		12/15/25 10:16	12/16/25 17:19	1
Atrazine	ND		9.97	1.13	ug/L		12/15/25 10:16	12/16/25 17:19	1
Benzaldehyde	ND		9.97	0.668	ug/L		12/15/25 10:16	12/16/25 17:19	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		12/15/25 10:16	12/16/25 17:19	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		12/15/25 10:16	12/16/25 17:19	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		12/15/25 10:16	12/16/25 17:19	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		12/15/25 10:16	12/16/25 17:19	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		12/15/25 10:16	12/16/25 17:19	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		12/15/25 10:16	12/16/25 17:19	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		12/15/25 10:16	12/16/25 17:19	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		12/15/25 10:16	12/16/25 17:19	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 17:19	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 17:19	1
Caprolactam	ND		9.97	2.39	ug/L		12/15/25 10:16	12/16/25 17:19	1
Carbazole	ND		9.97	0.319	ug/L		12/15/25 10:16	12/16/25 17:19	1
Chrysene	ND		9.97	1.20	ug/L		12/15/25 10:16	12/16/25 17:19	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		12/15/25 10:16	12/16/25 17:19	1
Dibenzofuran	ND		9.97	0.638	ug/L		12/15/25 10:16	12/16/25 17:19	1
Diethyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 17:19	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 17:19	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		12/15/25 10:16	12/16/25 17:19	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 17:19	1
Fluoranthene	ND		9.97	0.628	ug/L		12/15/25 10:16	12/16/25 17:19	1
Fluorene	ND		9.97	0.668	ug/L		12/15/25 10:16	12/16/25 17:19	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		12/15/25 10:16	12/16/25 17:19	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		12/15/25 10:16	12/16/25 17:19	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		12/15/25 10:16	12/16/25 17:19	1
Hexachloroethane	ND		9.97	0.528	ug/L		12/15/25 10:16	12/16/25 17:19	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		12/15/25 10:16	12/16/25 17:19	1
Isophorone	ND		9.97	0.797	ug/L		12/15/25 10:16	12/16/25 17:19	1
Naphthalene	ND		9.97	0.748	ug/L		12/15/25 10:16	12/16/25 17:19	1

Client Sample ID: SW-1
Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		9.97	0.598	ug/L		12/15/25 10:16	12/16/25 17:19	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		12/15/25 10:16	12/16/25 17:19	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		12/15/25 10:16	12/16/25 17:19	1
Pentachlorophenol	ND		9.97	2.79	ug/L		12/15/25 10:16	12/16/25 17:19	1
Phenanthrene	ND		9.97	0.738	ug/L		12/15/25 10:16	12/16/25 17:19	1
Phenol	ND		9.97	0.678	ug/L		12/15/25 10:16	12/16/25 17:19	1
Pyrene	ND		9.97	0.628	ug/L		12/15/25 10:16	12/16/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*12/15/25 10:16*	*12/16/25 17:19*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*12/15/25 10:16*	*12/16/25 17:19*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 150*	*12/15/25 10:16*	*12/16/25 17:19*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*	*12/15/25 10:16*	*12/16/25 17:19*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/15/25 10:16*	*12/16/25 17:19*	*1*
Terphenyl-d14 (Surr)	*52*		*28 - 150*	*12/15/25 10:16*	*12/16/25 17:19*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**31.9**	**F1**	1.00	0.767	mg/L			12/19/25 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 07:56	12/17/25 04:18	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 07:56	12/17/25 04:18	1
Barium	**38.3**		10.0	0.410	ug/L		12/16/25 07:56	12/17/25 04:18	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 07:56	12/17/25 04:18	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 07:56	12/17/25 04:18	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 07:56	12/17/25 04:18	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 07:56	12/17/25 04:18	1
Copper	**2.09**		2.00	0.642	ug/L		12/16/25 07:56	12/17/25 04:18	1
Lead	ND		1.00	0.864	ug/L		12/16/25 07:56	12/17/25 04:18	1
Manganese	**59.4**		5.00	1.29	ug/L		12/16/25 07:56	12/17/25 04:18	1
Nickel	**1.66**	**J**	5.00	0.422	ug/L		12/16/25 07:56	12/17/25 04:18	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 07:56	12/17/25 21:09	1
Silver	ND		1.00	0.167	ug/L		12/16/25 07:56	12/17/25 04:18	1
Thallium	ND		1.00	0.190	ug/L		12/16/25 07:56	12/17/25 04:18	1
Vanadium	ND		5.00	1.22	ug/L		12/16/25 07:56	12/17/25 04:18	1
Zinc	**11.1**		10.0	8.91	ug/L		12/16/25 07:56	12/17/25 04:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0210**	**J**	0.100	0.0184	mg/L			12/22/25 20:37	1
Nitrate Nitrite as N (EPA 353.2)	ND	F1	0.0500	0.0141	mg/L			12/17/25 22:52	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/11/25 13:44	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/18/25 18:17	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 18:17	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 18:17	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 18:17	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 18:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 18:17	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 18:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 18:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 18:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 18:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 18:17	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 18:17	1
Chloroform	**0.506**	**J**	1.00	0.216	ug/L			12/18/25 18:17	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 18:17	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 18:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 18:17	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 18:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 18:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 18:17	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 18:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 18:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 18:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 18:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 18:17	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 18:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 18:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 18:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 18:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 18:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 18:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 18:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 18:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 18:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 18:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 18:17	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 18:17	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 18:17	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 18:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 18:17	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 18:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 18:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 18:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 18:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 18:17	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 18:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 18:17	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 18:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 18:17	1

Client Sample ID: SW-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 18:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 18:17	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 18:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 18:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 18:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 18:17	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 18:17	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 18:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 18:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 18:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 18:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 18:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 18:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 18:17	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 18:17	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 18:17	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 18:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 18:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 18:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 18:17	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 18:17	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 18:17	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 126*		*12/18/25 18:17*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/18/25 18:17*	*1*
Toluene-d8 (Surr)	*106*		*79 - 119*		*12/18/25 18:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.288	0.288	ug/L		12/16/25 15:55	12/18/25 18:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 140*	*12/16/25 15:55*	*12/18/25 18:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		12/15/25 10:16	12/16/25 17:52	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		12/15/25 10:16	12/16/25 17:52	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		12/15/25 10:16	12/16/25 17:52	1
2-Chlorophenol	ND		9.93	0.834	ug/L		12/15/25 10:16	12/16/25 17:52	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		12/15/25 10:16	12/16/25 17:52	1
2-Methylphenol	ND		9.93	0.755	ug/L		12/15/25 10:16	12/16/25 17:52	1

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

Job ID: 752-40146-1

Client Sample ID: SW-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.93	1.36	ug/L		12/15/25 10:16	12/16/25 17:52	1
2-Nitrophenol	ND		9.93	1.16	ug/L		12/15/25 10:16	12/16/25 17:52	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		12/15/25 10:16	12/16/25 17:52	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		12/15/25 10:16	12/16/25 17:52	1
3-Nitroaniline	ND		9.93	0.944	ug/L		12/15/25 10:16	12/16/25 17:52	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		12/15/25 10:16	12/16/25 17:52	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		12/15/25 10:16	12/16/25 17:52	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		12/15/25 10:16	12/16/25 17:52	1
4-Chloroaniline	ND		9.93	0.576	ug/L		12/15/25 10:16	12/16/25 17:52	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		12/15/25 10:16	12/16/25 17:52	1
4-Nitroaniline	ND		9.93	3.48	ug/L		12/15/25 10:16	12/16/25 17:52	1
4-Nitrophenol	ND		9.93	2.72	ug/L		12/15/25 10:16	12/16/25 17:52	1
Acenaphthene	ND		9.93	0.626	ug/L		12/15/25 10:16	12/16/25 17:52	1
Acenaphthylene	ND		9.93	0.755	ug/L		12/15/25 10:16	12/16/25 17:52	1
Acetophenone	ND		9.93	3.18	ug/L		12/15/25 10:16	12/16/25 17:52	1
Anthracene	ND		9.93	0.904	ug/L		12/15/25 10:16	12/16/25 17:52	1
Atrazine	ND		9.93	1.12	ug/L		12/15/25 10:16	12/16/25 17:52	1
Benzaldehyde	ND		9.93	0.666	ug/L		12/15/25 10:16	12/16/25 17:52	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		12/15/25 10:16	12/16/25 17:52	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		12/15/25 10:16	12/16/25 17:52	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		12/15/25 10:16	12/16/25 17:52	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		12/15/25 10:16	12/16/25 17:52	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		12/15/25 10:16	12/16/25 17:52	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		12/15/25 10:16	12/16/25 17:52	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		12/15/25 10:16	12/16/25 17:52	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		12/15/25 10:16	12/16/25 17:52	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		12/15/25 10:16	12/16/25 17:52	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		12/15/25 10:16	12/16/25 17:52	1
Caprolactam	ND		9.93	2.38	ug/L		12/15/25 10:16	12/16/25 17:52	1
Carbazole	ND		9.93	0.318	ug/L		12/15/25 10:16	12/16/25 17:52	1
Chrysene	ND		9.93	1.19	ug/L		12/15/25 10:16	12/16/25 17:52	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		12/15/25 10:16	12/16/25 17:52	1
Dibenzofuran	ND		9.93	0.636	ug/L		12/15/25 10:16	12/16/25 17:52	1
Diethyl phthalate	ND		9.93	3.97	ug/L		12/15/25 10:16	12/16/25 17:52	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		12/15/25 10:16	12/16/25 17:52	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		12/15/25 10:16	12/16/25 17:52	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		12/15/25 10:16	12/16/25 17:52	1
Fluoranthene	ND		9.93	0.626	ug/L		12/15/25 10:16	12/16/25 17:52	1
Fluorene	ND		9.93	0.666	ug/L		12/15/25 10:16	12/16/25 17:52	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		12/15/25 10:16	12/16/25 17:52	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		12/15/25 10:16	12/16/25 17:52	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		12/15/25 10:16	12/16/25 17:52	1
Hexachloroethane	ND		9.93	0.526	ug/L		12/15/25 10:16	12/16/25 17:52	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		12/15/25 10:16	12/16/25 17:52	1
Isophorone	ND		9.93	0.795	ug/L		12/15/25 10:16	12/16/25 17:52	1
Naphthalene	ND		9.93	0.745	ug/L		12/15/25 10:16	12/16/25 17:52	1
Nitrobenzene	ND		9.93	0.596	ug/L		12/15/25 10:16	12/16/25 17:52	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		12/15/25 10:16	12/16/25 17:52	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		12/15/25 10:16	12/16/25 17:52	1

Client Sample ID: SW-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.93	2.78	ug/L		12/15/25 10:16	12/16/25 17:52	1
Phenanthrene	ND		9.93	0.735	ug/L		12/15/25 10:16	12/16/25 17:52	1
Phenol	ND		9.93	0.675	ug/L		12/15/25 10:16	12/16/25 17:52	1
Pyrene	ND		9.93	0.626	ug/L		12/15/25 10:16	12/16/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*	*12/15/25 10:16*	*12/16/25 17:52*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*12/15/25 10:16*	*12/16/25 17:52*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 150*	*12/15/25 10:16*	*12/16/25 17:52*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*12/15/25 10:16*	*12/16/25 17:52*	*1*
Phenol-d5 (Surr)	*80*		*10 - 150*	*12/15/25 10:16*	*12/16/25 17:52*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*12/15/25 10:16*	*12/16/25 17:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**31.9**		1.00	0.767	mg/L			12/19/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 07:56	12/17/25 04:20	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 07:56	12/17/25 04:20	1
Barium	**38.4**		10.0	0.410	ug/L		12/16/25 07:56	12/17/25 04:20	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 07:56	12/17/25 04:20	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 07:56	12/17/25 04:20	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 07:56	12/17/25 04:20	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 07:56	12/17/25 04:20	1
Copper	**2.36**		2.00	0.642	ug/L		12/16/25 07:56	12/17/25 04:20	1
Lead	ND		1.00	0.864	ug/L		12/16/25 07:56	12/17/25 04:20	1
Manganese	**41.4**		5.00	1.29	ug/L		12/16/25 07:56	12/17/25 04:20	1
Nickel	**1.76**	**J**	5.00	0.422	ug/L		12/16/25 07:56	12/17/25 04:20	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 07:56	12/17/25 21:11	1
Silver	ND		1.00	0.167	ug/L		12/16/25 07:56	12/17/25 04:20	1
Thallium	ND		1.00	0.190	ug/L		12/16/25 07:56	12/17/25 04:20	1
Vanadium	ND		5.00	1.22	ug/L		12/16/25 07:56	12/17/25 04:20	1
Zinc	**13.5**		10.0	8.91	ug/L		12/16/25 07:56	12/17/25 04:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.401**		0.100	0.0184	mg/L			12/20/25 15:38	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 22:57	1
Nitrite as N (EPA 353.2)	**0.0197**	**J**	0.100	0.0168	mg/L			12/11/25 13:47	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**5.73**	**J**	10.0	4.04	ug/L			12/18/25 18:39	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 18:39	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 18:39	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 18:39	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 18:39	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 18:39	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 18:39	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 18:39	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 18:39	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 18:39	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 18:39	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 18:39	1
Chloroform	**3.53**		1.00	0.216	ug/L			12/18/25 18:39	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 18:39	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 18:39	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 18:39	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 18:39	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 18:39	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 18:39	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 18:39	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 18:39	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 18:39	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 18:39	1
Dichlorobromomethane	**0.988**	**J**	1.00	0.222	ug/L			12/18/25 18:39	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 18:39	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 18:39	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 18:39	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 18:39	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 18:39	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 18:39	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 18:39	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 18:39	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 18:39	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 18:39	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 18:39	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 18:39	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 18:39	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 18:39	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 18:39	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 18:39	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 18:39	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 18:39	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 18:39	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 18:39	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 18:39	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 18:39	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 18:39	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 18:39	1

Client Sample ID: SW-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 18:39	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 18:39	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 18:39	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 18:39	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 18:39	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 18:39	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 18:39	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 18:39	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 18:39	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 18:39	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 18:39	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 18:39	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 18:39	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 18:39	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 18:39	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 18:39	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 18:39	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 18:39	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 18:39	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 18:39	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 18:39	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 18:39	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 126*		*12/18/25 18:39*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*12/18/25 18:39*	*1*
Toluene-d8 (Surr)	*107*		*79 - 119*		*12/18/25 18:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.289	0.289	ug/L		12/16/25 15:55	12/18/25 18:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 140*	*12/16/25 15:55*	*12/18/25 18:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		12/15/25 10:16	12/16/25 18:24	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		12/15/25 10:16	12/16/25 18:24	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		12/15/25 10:16	12/16/25 18:24	1
2-Chlorophenol	ND		9.97	0.837	ug/L		12/15/25 10:16	12/16/25 18:24	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		12/15/25 10:16	12/16/25 18:24	1
2-Methylphenol	ND		9.97	0.757	ug/L		12/15/25 10:16	12/16/25 18:24	1

Client Sample ID: SW-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		12/15/25 10:16	12/16/25 18:24	1
2-Nitrophenol	ND		9.97	1.17	ug/L		12/15/25 10:16	12/16/25 18:24	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		12/15/25 10:16	12/16/25 18:24	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		12/15/25 10:16	12/16/25 18:24	1
3-Nitroaniline	ND		9.97	0.947	ug/L		12/15/25 10:16	12/16/25 18:24	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		12/15/25 10:16	12/16/25 18:24	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		12/15/25 10:16	12/16/25 18:24	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		12/15/25 10:16	12/16/25 18:24	1
4-Chloroaniline	ND		9.97	0.578	ug/L		12/15/25 10:16	12/16/25 18:24	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		12/15/25 10:16	12/16/25 18:24	1
4-Nitroaniline	ND		9.97	3.49	ug/L		12/15/25 10:16	12/16/25 18:24	1
4-Nitrophenol	ND		9.97	2.73	ug/L		12/15/25 10:16	12/16/25 18:24	1
Acenaphthene	ND		9.97	0.628	ug/L		12/15/25 10:16	12/16/25 18:24	1
Acenaphthylene	ND		9.97	0.757	ug/L		12/15/25 10:16	12/16/25 18:24	1
Acetophenone	ND		9.97	3.19	ug/L		12/15/25 10:16	12/16/25 18:24	1
Anthracene	ND		9.97	0.907	ug/L		12/15/25 10:16	12/16/25 18:24	1
Atrazine	ND		9.97	1.13	ug/L		12/15/25 10:16	12/16/25 18:24	1
Benzaldehyde	ND		9.97	0.668	ug/L		12/15/25 10:16	12/16/25 18:24	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		12/15/25 10:16	12/16/25 18:24	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		12/15/25 10:16	12/16/25 18:24	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		12/15/25 10:16	12/16/25 18:24	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		12/15/25 10:16	12/16/25 18:24	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		12/15/25 10:16	12/16/25 18:24	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		12/15/25 10:16	12/16/25 18:24	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		12/15/25 10:16	12/16/25 18:24	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		12/15/25 10:16	12/16/25 18:24	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 18:24	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 18:24	1
Caprolactam	ND		9.97	2.39	ug/L		12/15/25 10:16	12/16/25 18:24	1
Carbazole	ND		9.97	0.319	ug/L		12/15/25 10:16	12/16/25 18:24	1
Chrysene	ND		9.97	1.20	ug/L		12/15/25 10:16	12/16/25 18:24	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		12/15/25 10:16	12/16/25 18:24	1
Dibenzofuran	ND		9.97	0.638	ug/L		12/15/25 10:16	12/16/25 18:24	1
Diethyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 18:24	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 18:24	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		12/15/25 10:16	12/16/25 18:24	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		12/15/25 10:16	12/16/25 18:24	1
Fluoranthene	ND		9.97	0.628	ug/L		12/15/25 10:16	12/16/25 18:24	1
Fluorene	ND		9.97	0.668	ug/L		12/15/25 10:16	12/16/25 18:24	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		12/15/25 10:16	12/16/25 18:24	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		12/15/25 10:16	12/16/25 18:24	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		12/15/25 10:16	12/16/25 18:24	1
Hexachloroethane	ND		9.97	0.528	ug/L		12/15/25 10:16	12/16/25 18:24	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		12/15/25 10:16	12/16/25 18:24	1
Isophorone	ND		9.97	0.797	ug/L		12/15/25 10:16	12/16/25 18:24	1
Naphthalene	ND		9.97	0.748	ug/L		12/15/25 10:16	12/16/25 18:24	1
Nitrobenzene	ND		9.97	0.598	ug/L		12/15/25 10:16	12/16/25 18:24	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		12/15/25 10:16	12/16/25 18:24	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		12/15/25 10:16	12/16/25 18:24	1

Client Sample ID: SW-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		12/15/25 10:16	12/16/25 18:24	1
Phenanthrene	ND		9.97	0.738	ug/L		12/15/25 10:16	12/16/25 18:24	1
Phenol	ND		9.97	0.678	ug/L		12/15/25 10:16	12/16/25 18:24	1
Pyrene	ND		9.97	0.628	ug/L		12/15/25 10:16	12/16/25 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*12/15/25 10:16*	*12/16/25 18:24*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*12/15/25 10:16*	*12/16/25 18:24*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 150*	*12/15/25 10:16*	*12/16/25 18:24*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*12/15/25 10:16*	*12/16/25 18:24*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*12/15/25 10:16*	*12/16/25 18:24*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*12/15/25 10:16*	*12/16/25 18:24*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**30.9**		1.00	0.767	mg/L			12/19/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 18:27	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 18:27	1
Barium	**40.9**		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 18:27	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 18:27	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 18:27	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 18:27	1
Cobalt	**0.550**	**J**	5.00	0.411	ug/L		12/16/25 08:18	12/18/25 18:27	1
Copper	**4.01**		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 18:27	1
Lead	**2.94**		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 18:27	1
Manganese	**41.8**		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 18:27	1
Nickel	**1.57**	**J**	5.00	0.422	ug/L		12/16/25 08:18	12/18/25 18:27	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 18:27	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 18:27	1
Thallium	**0.606**	**J B**	1.00	0.190	ug/L		12/16/25 08:18	12/18/25 18:27	1
Vanadium	**3.56**	**J**	5.00	1.22	ug/L		12/16/25 08:18	12/18/25 18:27	1
Zinc	**49.9**		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 18:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.246**		0.100	0.0184	mg/L			12/20/25 15:41	1
Nitrate Nitrite as N (EPA 353.2)	**0.0233**	**J**	0.0500	0.0141	mg/L			12/17/25 22:59	1
Nitrite as N (EPA 353.2)	**0.0665**	**J**	0.100	0.0168	mg/L			12/11/25 13:49	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.33**	**J**	10.0	4.04	ug/L			12/18/25 19:02	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 19:02	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 19:02	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 19:02	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 19:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 19:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 19:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 19:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 19:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 19:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 19:02	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 19:02	1
Chloroform	**2.84**		1.00	0.216	ug/L			12/18/25 19:02	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 19:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 19:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 19:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 19:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 19:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 19:02	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 19:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 19:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 19:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 19:02	1
Dichlorobromomethane	**0.841**	**J**	1.00	0.222	ug/L			12/18/25 19:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 19:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 19:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 19:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 19:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 19:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 19:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 19:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 19:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 19:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 19:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 19:02	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 19:02	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 19:02	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 19:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 19:02	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 19:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 19:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 19:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 19:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 19:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 19:02	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 19:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 19:02	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 19:02	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 19:02	1

Client Sample ID: SW-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-4
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			12/18/25 19:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 19:02	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 19:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 19:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 19:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 19:02	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 19:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 19:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 19:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 19:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 19:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 19:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 19:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 19:02	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 19:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 19:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 19:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 19:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 19:02	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 19:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 19:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 126*		*12/18/25 19:02*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/18/25 19:02*	*1*
Toluene-d8 (Surr)	*105*		*79 - 119*		*12/18/25 19:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		12/16/25 15:55	12/18/25 19:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 140*	*12/16/25 15:55*	*12/18/25 19:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		12/15/25 10:16	12/16/25 18:57	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		12/15/25 10:16	12/16/25 18:57	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		12/15/25 10:16	12/16/25 18:57	1
2-Chlorophenol	ND		10.1	0.848	ug/L		12/15/25 10:16	12/16/25 18:57	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		12/15/25 10:16	12/16/25 18:57	1
2-Methylphenol	ND		10.1	0.768	ug/L		12/15/25 10:16	12/16/25 18:57	1

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

Job ID: 752-40146-1

Client Sample ID: SW-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		12/15/25 10:16	12/16/25 18:57	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/15/25 10:16	12/16/25 18:57	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		12/15/25 10:16	12/16/25 18:57	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		12/15/25 10:16	12/16/25 18:57	1
3-Nitroaniline	ND		10.1	0.960	ug/L		12/15/25 10:16	12/16/25 18:57	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		12/15/25 10:16	12/16/25 18:57	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/15/25 10:16	12/16/25 18:57	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		12/15/25 10:16	12/16/25 18:57	1
4-Chloroaniline	ND		10.1	0.586	ug/L		12/15/25 10:16	12/16/25 18:57	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/15/25 10:16	12/16/25 18:57	1
4-Nitroaniline	ND		10.1	3.54	ug/L		12/15/25 10:16	12/16/25 18:57	1
4-Nitrophenol	ND		10.1	2.77	ug/L		12/15/25 10:16	12/16/25 18:57	1
Acenaphthene	ND		10.1	0.636	ug/L		12/15/25 10:16	12/16/25 18:57	1
Acenaphthylene	ND		10.1	0.768	ug/L		12/15/25 10:16	12/16/25 18:57	1
Acetophenone	ND		10.1	3.23	ug/L		12/15/25 10:16	12/16/25 18:57	1
Anthracene	ND		10.1	0.919	ug/L		12/15/25 10:16	12/16/25 18:57	1
Atrazine	ND		10.1	1.14	ug/L		12/15/25 10:16	12/16/25 18:57	1
Benzaldehyde	ND		10.1	0.677	ug/L		12/15/25 10:16	12/16/25 18:57	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/15/25 10:16	12/16/25 18:57	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/15/25 10:16	12/16/25 18:57	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/15/25 10:16	12/16/25 18:57	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/15/25 10:16	12/16/25 18:57	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/15/25 10:16	12/16/25 18:57	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		12/15/25 10:16	12/16/25 18:57	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		12/15/25 10:16	12/16/25 18:57	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		12/15/25 10:16	12/16/25 18:57	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		12/15/25 10:16	12/16/25 18:57	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		12/15/25 10:16	12/16/25 18:57	1
Caprolactam	ND		10.1	2.42	ug/L		12/15/25 10:16	12/16/25 18:57	1
Carbazole	ND		10.1	0.323	ug/L		12/15/25 10:16	12/16/25 18:57	1
Chrysene	ND		10.1	1.21	ug/L		12/15/25 10:16	12/16/25 18:57	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/15/25 10:16	12/16/25 18:57	1
Dibenzofuran	ND		10.1	0.646	ug/L		12/15/25 10:16	12/16/25 18:57	1
Diethyl phthalate	ND		10.1	4.04	ug/L		12/15/25 10:16	12/16/25 18:57	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		12/15/25 10:16	12/16/25 18:57	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		12/15/25 10:16	12/16/25 18:57	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		12/15/25 10:16	12/16/25 18:57	1
Fluoranthene	ND		10.1	0.636	ug/L		12/15/25 10:16	12/16/25 18:57	1
Fluorene	ND		10.1	0.677	ug/L		12/15/25 10:16	12/16/25 18:57	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/15/25 10:16	12/16/25 18:57	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		12/15/25 10:16	12/16/25 18:57	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		12/15/25 10:16	12/16/25 18:57	1
Hexachloroethane	ND		10.1	0.535	ug/L		12/15/25 10:16	12/16/25 18:57	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/15/25 10:16	12/16/25 18:57	1
Isophorone	ND		10.1	0.808	ug/L		12/15/25 10:16	12/16/25 18:57	1
Naphthalene	ND		10.1	0.758	ug/L		12/15/25 10:16	12/16/25 18:57	1
Nitrobenzene	ND		10.1	0.606	ug/L		12/15/25 10:16	12/16/25 18:57	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		12/15/25 10:16	12/16/25 18:57	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		12/15/25 10:16	12/16/25 18:57	1

Client Sample ID: SW-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.83	ug/L		12/15/25 10:16	12/16/25 18:57	1
Phenanthrene	ND		10.1	0.747	ug/L		12/15/25 10:16	12/16/25 18:57	1
Phenol	ND		10.1	0.687	ug/L		12/15/25 10:16	12/16/25 18:57	1
Pyrene	ND		10.1	0.636	ug/L		12/15/25 10:16	12/16/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*	*12/15/25 10:16*	*12/16/25 18:57*	*1*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*	*12/15/25 10:16*	*12/16/25 18:57*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*12/15/25 10:16*	*12/16/25 18:57*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 150*	*12/15/25 10:16*	*12/16/25 18:57*	*1*
Phenol-d5 (Surr)	*73*		*10 - 150*	*12/15/25 10:16*	*12/16/25 18:57*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*12/15/25 10:16*	*12/16/25 18:57*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**29.0**		1.00	0.767	mg/L			12/19/25 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 18:30	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 18:30	1
Barium	**39.3**		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 18:30	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 18:30	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 18:30	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 18:30	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 08:18	12/18/25 18:30	1
Copper	**3.83**		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 18:30	1
Lead	**2.89**		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 18:30	1
Manganese	**37.5**		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 18:30	1
Nickel	**1.42**	**J**	5.00	0.422	ug/L		12/16/25 08:18	12/18/25 18:30	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 18:30	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 18:30	1
Thallium	ND		1.00	0.190	ug/L		12/16/25 08:18	12/18/25 18:30	1
Vanadium	**3.21**	**J**	5.00	1.22	ug/L		12/16/25 08:18	12/18/25 18:30	1
Zinc	**45.3**		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 18:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.218**		0.100	0.0184	mg/L			12/20/25 15:43	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 23:01	1
Nitrite as N (EPA 353.2)	**0.0572**	**J**	0.100	0.0168	mg/L			12/11/25 13:50	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.35**	**J**	10.0	4.04	ug/L			12/18/25 19:24	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 19:24	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 19:24	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 19:24	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 19:24	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 19:24	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 19:24	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 19:24	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 19:24	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 19:24	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 19:24	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 19:24	1
Chloroform	**2.41**		1.00	0.216	ug/L			12/18/25 19:24	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 19:24	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 19:24	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 19:24	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 19:24	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 19:24	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 19:24	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 19:24	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 19:24	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 19:24	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 19:24	1
Dichlorobromomethane	**0.704**	**J**	1.00	0.222	ug/L			12/18/25 19:24	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 19:24	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 19:24	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 19:24	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 19:24	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 19:24	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 19:24	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 19:24	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 19:24	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 19:24	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 19:24	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 19:24	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 19:24	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 19:24	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 19:24	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 19:24	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 19:24	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 19:24	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 19:24	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 19:24	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 19:24	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 19:24	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 19:24	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 19:24	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 19:24	1

Client Sample ID: SW-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-5
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			12/18/25 19:24	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 19:24	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 19:24	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 19:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 19:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 19:24	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 19:24	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 19:24	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 19:24	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 19:24	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 19:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 19:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 19:24	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 19:24	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 19:24	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 19:24	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 19:24	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 19:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 19:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 19:24	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 19:24	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 19:24	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*12/18/25 19:24*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*12/18/25 19:24*	*1*
Toluene-d8 (Surr)	*105*		*79 - 119*		*12/18/25 19:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.277	0.277	ug/L		12/16/25 15:55	12/18/25 19:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 140*	*12/16/25 15:55*	*12/18/25 19:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/15/25 10:16	12/16/25 19:30	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/15/25 10:16	12/16/25 19:30	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/15/25 10:16	12/16/25 19:30	1
2-Chlorophenol	ND		10.2	0.854	ug/L		12/15/25 10:16	12/16/25 19:30	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/15/25 10:16	12/16/25 19:30	1
2-Methylphenol	ND		10.2	0.773	ug/L		12/15/25 10:16	12/16/25 19:30	1

Client Sample ID: SW-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-5
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		10.2	1.39	ug/L		12/15/25 10:16	12/16/25 19:30	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/15/25 10:16	12/16/25 19:30	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/15/25 10:16	12/16/25 19:30	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/15/25 10:16	12/16/25 19:30	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/15/25 10:16	12/16/25 19:30	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/15/25 10:16	12/16/25 19:30	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/15/25 10:16	12/16/25 19:30	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/15/25 10:16	12/16/25 19:30	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/15/25 10:16	12/16/25 19:30	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/15/25 10:16	12/16/25 19:30	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/15/25 10:16	12/16/25 19:30	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/15/25 10:16	12/16/25 19:30	1
Acenaphthene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 19:30	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/15/25 10:16	12/16/25 19:30	1
Acetophenone	ND		10.2	3.25	ug/L		12/15/25 10:16	12/16/25 19:30	1
Anthracene	ND		10.2	0.925	ug/L		12/15/25 10:16	12/16/25 19:30	1
Atrazine	ND		10.2	1.15	ug/L		12/15/25 10:16	12/16/25 19:30	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/15/25 10:16	12/16/25 19:30	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:16	12/16/25 19:30	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 19:30	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 19:30	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 19:30	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 19:30	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/15/25 10:16	12/16/25 19:30	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/15/25 10:16	12/16/25 19:30	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/15/25 10:16	12/16/25 19:30	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 19:30	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 19:30	1
Caprolactam	ND		10.2	2.44	ug/L		12/15/25 10:16	12/16/25 19:30	1
Carbazole	ND		10.2	0.325	ug/L		12/15/25 10:16	12/16/25 19:30	1
Chrysene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 19:30	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/15/25 10:16	12/16/25 19:30	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/15/25 10:16	12/16/25 19:30	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 19:30	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 19:30	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/15/25 10:16	12/16/25 19:30	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 19:30	1
Fluoranthene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 19:30	1
Fluorene	ND		10.2	0.681	ug/L		12/15/25 10:16	12/16/25 19:30	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/15/25 10:16	12/16/25 19:30	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/15/25 10:16	12/16/25 19:30	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/15/25 10:16	12/16/25 19:30	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/15/25 10:16	12/16/25 19:30	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 19:30	1
Isophorone	ND		10.2	0.814	ug/L		12/15/25 10:16	12/16/25 19:30	1
Naphthalene	ND		10.2	0.763	ug/L		12/15/25 10:16	12/16/25 19:30	1
Nitrobenzene	ND		10.2	0.610	ug/L		12/15/25 10:16	12/16/25 19:30	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/15/25 10:16	12/16/25 19:30	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/15/25 10:16	12/16/25 19:30	1

Client Sample ID: SW-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-5
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		10.2	2.85	ug/L		12/15/25 10:16	12/16/25 19:30	1
Phenanthrene	ND		10.2	0.753	ug/L		12/15/25 10:16	12/16/25 19:30	1
Phenol	ND		10.2	0.692	ug/L		12/15/25 10:16	12/16/25 19:30	1
Pyrene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*12/15/25 10:16*	*12/16/25 19:30*	*1*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*	*12/15/25 10:16*	*12/16/25 19:30*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 150*	*12/15/25 10:16*	*12/16/25 19:30*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*	*12/15/25 10:16*	*12/16/25 19:30*	*1*
Phenol-d5 (Surr)	*82*		*10 - 150*	*12/15/25 10:16*	*12/16/25 19:30*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*12/15/25 10:16*	*12/16/25 19:30*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**28.2**		1.00	0.767	mg/L			12/19/25 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 18:32	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 18:32	1
Barium	**34.7**		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 18:32	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 18:32	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 18:32	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 18:32	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 08:18	12/18/25 18:32	1
Copper	**4.06**		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 18:32	1
Lead	**2.79**		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 18:32	1
Manganese	**38.3**		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 18:32	1
Nickel	**1.66**	**J**	5.00	0.422	ug/L		12/16/25 08:18	12/18/25 18:32	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 18:32	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 18:32	1
Thallium	ND		1.00	0.190	ug/L		12/16/25 08:18	12/18/25 18:32	1
Vanadium	**2.73**	**J**	5.00	1.22	ug/L		12/16/25 08:18	12/18/25 18:32	1
Zinc	**37.7**		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 18:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.189**		0.100	0.0184	mg/L			12/20/25 15:46	1
Nitrate Nitrite as N (EPA 353.2)	**0.0472**	**J**	0.0500	0.0141	mg/L			12/17/25 23:02	1
Nitrite as N (EPA 353.2)	**0.0484**	**J**	0.100	0.0168	mg/L			12/11/25 13:51	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-6
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			12/18/25 19:47	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 19:47	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 19:47	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 19:47	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 19:47	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 19:47	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 19:47	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 19:47	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 19:47	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 19:47	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 19:47	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 19:47	1
Chloroform	**1.71**		1.00	0.216	ug/L			12/18/25 19:47	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 19:47	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 19:47	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 19:47	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 19:47	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 19:47	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 19:47	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 19:47	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 19:47	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 19:47	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 19:47	1
Dichlorobromomethane	**0.557**	**J**	1.00	0.222	ug/L			12/18/25 19:47	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 19:47	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 19:47	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 19:47	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 19:47	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 19:47	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 19:47	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 19:47	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 19:47	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 19:47	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 19:47	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 19:47	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 19:47	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 19:47	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 19:47	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 19:47	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 19:47	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 19:47	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 19:47	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 19:47	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 19:47	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 19:47	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 19:47	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 19:47	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 19:47	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 19:47	1

Client Sample ID: SW-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-6
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			12/18/25 19:47	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 19:47	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 19:47	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 19:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 19:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 19:47	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 19:47	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 19:47	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 19:47	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 19:47	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 19:47	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 19:47	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 19:47	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 19:47	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 19:47	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 19:47	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 19:47	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 19:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 19:47	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 19:47	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 19:47	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 19:47	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 19:47	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 126*		*12/18/25 19:47*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*12/18/25 19:47*	*1*
Toluene-d8 (Surr)	*106*		*79 - 119*		*12/18/25 19:47*	*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	ND		0.299	0.299	ug/L		12/16/25 15:55	12/18/25 19:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 140*	*12/16/25 15:55*	*12/18/25 19:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/15/25 10:16	12/16/25 20:03	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/15/25 10:16	12/16/25 20:03	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/15/25 10:16	12/16/25 20:03	1
2-Chlorophenol	ND		10.2	0.854	ug/L		12/15/25 10:16	12/16/25 20:03	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/15/25 10:16	12/16/25 20:03	1
2-Methylphenol	ND		10.2	0.773	ug/L		12/15/25 10:16	12/16/25 20:03	1

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

Job ID: 752-40146-1

Client Sample ID: SW-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-6
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		10.2	1.39	ug/L		12/15/25 10:16	12/16/25 20:03	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/15/25 10:16	12/16/25 20:03	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/15/25 10:16	12/16/25 20:03	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/15/25 10:16	12/16/25 20:03	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/15/25 10:16	12/16/25 20:03	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/15/25 10:16	12/16/25 20:03	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/15/25 10:16	12/16/25 20:03	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/15/25 10:16	12/16/25 20:03	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/15/25 10:16	12/16/25 20:03	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/15/25 10:16	12/16/25 20:03	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/15/25 10:16	12/16/25 20:03	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/15/25 10:16	12/16/25 20:03	1
Acenaphthene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 20:03	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/15/25 10:16	12/16/25 20:03	1
Acetophenone	ND		10.2	3.25	ug/L		12/15/25 10:16	12/16/25 20:03	1
Anthracene	ND		10.2	0.925	ug/L		12/15/25 10:16	12/16/25 20:03	1
Atrazine	ND		10.2	1.15	ug/L		12/15/25 10:16	12/16/25 20:03	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/15/25 10:16	12/16/25 20:03	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:16	12/16/25 20:03	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 20:03	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 20:03	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 20:03	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 20:03	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/15/25 10:16	12/16/25 20:03	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/15/25 10:16	12/16/25 20:03	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/15/25 10:16	12/16/25 20:03	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 20:03	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 20:03	1
Caprolactam	ND		10.2	2.44	ug/L		12/15/25 10:16	12/16/25 20:03	1
Carbazole	ND		10.2	0.325	ug/L		12/15/25 10:16	12/16/25 20:03	1
Chrysene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 20:03	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/15/25 10:16	12/16/25 20:03	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/15/25 10:16	12/16/25 20:03	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 20:03	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 20:03	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/15/25 10:16	12/16/25 20:03	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 20:03	1
Fluoranthene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 20:03	1
Fluorene	ND		10.2	0.681	ug/L		12/15/25 10:16	12/16/25 20:03	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/15/25 10:16	12/16/25 20:03	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/15/25 10:16	12/16/25 20:03	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/15/25 10:16	12/16/25 20:03	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/15/25 10:16	12/16/25 20:03	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 20:03	1
Isophorone	ND		10.2	0.814	ug/L		12/15/25 10:16	12/16/25 20:03	1
Naphthalene	ND		10.2	0.763	ug/L		12/15/25 10:16	12/16/25 20:03	1
Nitrobenzene	ND		10.2	0.610	ug/L		12/15/25 10:16	12/16/25 20:03	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/15/25 10:16	12/16/25 20:03	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/15/25 10:16	12/16/25 20:03	1

Client Sample ID: SW-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-6
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		10.2	2.85	ug/L		12/15/25 10:16	12/16/25 20:03	1
Phenanthrene	ND		10.2	0.753	ug/L		12/15/25 10:16	12/16/25 20:03	1
Phenol	ND		10.2	0.692	ug/L		12/15/25 10:16	12/16/25 20:03	1
Pyrene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*12/15/25 10:16*	*12/16/25 20:03*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*12/15/25 10:16*	*12/16/25 20:03*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*12/15/25 10:16*	*12/16/25 20:03*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*12/15/25 10:16*	*12/16/25 20:03*	*1*
Phenol-d5 (Surr)	*67*		*10 - 150*	*12/15/25 10:16*	*12/16/25 20:03*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*12/15/25 10:16*	*12/16/25 20:03*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**25.4**		1.00	0.767	mg/L			12/19/25 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 18:56	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 18:56	1
Barium	**32.5**		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 18:56	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 18:56	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 18:56	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 18:56	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 08:18	12/18/25 18:56	1
Copper	**3.41**		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 18:56	1
Lead	**2.63**		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 18:56	1
Manganese	**21.3**		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 18:56	1
Nickel	**1.02**	**J**	5.00	0.422	ug/L		12/16/25 08:18	12/18/25 18:56	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 18:56	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 18:56	1
Thallium	**0.463**	**J B**	1.00	0.190	ug/L		12/16/25 08:18	12/18/25 18:56	1
Vanadium	**2.30**	**J**	5.00	1.22	ug/L		12/16/25 08:18	12/18/25 18:56	1
Zinc	**24.0**		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 18:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.152**		0.100	0.0184	mg/L			12/20/25 15:59	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 23:04	1
Nitrite as N (EPA 353.2)	**0.0374**	**J**	0.100	0.0168	mg/L			12/11/25 13:51	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-7
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			12/18/25 20:09	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 20:09	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 20:09	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 20:09	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 20:09	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 20:09	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 20:09	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 20:09	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 20:09	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 20:09	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 20:09	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 20:09	1
Chloroform	**1.64**		1.00	0.216	ug/L			12/18/25 20:09	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 20:09	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 20:09	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 20:09	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 20:09	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 20:09	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 20:09	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 20:09	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 20:09	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 20:09	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 20:09	1
Dichlorobromomethane	**0.476**	**J**	1.00	0.222	ug/L			12/18/25 20:09	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 20:09	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 20:09	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 20:09	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 20:09	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 20:09	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 20:09	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 20:09	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 20:09	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 20:09	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 20:09	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 20:09	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 20:09	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 20:09	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 20:09	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 20:09	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 20:09	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 20:09	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 20:09	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 20:09	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 20:09	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 20:09	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 20:09	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 20:09	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 20:09	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 20:09	1

Client Sample ID: SW-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-7
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			12/18/25 20:09	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 20:09	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 20:09	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 20:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 20:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 20:09	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 20:09	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 20:09	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 20:09	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 20:09	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 20:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 20:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 20:09	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 20:09	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 20:09	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 20:09	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 20:09	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 20:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 20:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 20:09	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 20:09	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 20:09	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*12/18/25 20:09*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/18/25 20:09*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*12/18/25 20:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.287	0.287	ug/L		12/16/25 15:55	12/18/25 20:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 140*	*12/16/25 15:55*	*12/18/25 20:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		12/15/25 10:16	12/16/25 20:36	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		12/15/25 10:16	12/16/25 20:36	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/15/25 10:16	12/16/25 20:36	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/15/25 10:16	12/16/25 20:36	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/15/25 10:16	12/16/25 20:36	1
2-Methylphenol	ND		10.1	0.770	ug/L		12/15/25 10:16	12/16/25 20:36	1

Client Sample ID: SW-7
Lab Sample ID: 752-40146-7
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.39	ug/L		12/15/25 10:16	12/16/25 20:36	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/15/25 10:16	12/16/25 20:36	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/15/25 10:16	12/16/25 20:36	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/15/25 10:16	12/16/25 20:36	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/15/25 10:16	12/16/25 20:36	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/15/25 10:16	12/16/25 20:36	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		12/15/25 10:16	12/16/25 20:36	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/15/25 10:16	12/16/25 20:36	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/15/25 10:16	12/16/25 20:36	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		12/15/25 10:16	12/16/25 20:36	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/15/25 10:16	12/16/25 20:36	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/15/25 10:16	12/16/25 20:36	1
Acenaphthene	ND		10.1	0.639	ug/L		12/15/25 10:16	12/16/25 20:36	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/15/25 10:16	12/16/25 20:36	1
Acetophenone	ND		10.1	3.24	ug/L		12/15/25 10:16	12/16/25 20:36	1
Anthracene	ND		10.1	0.922	ug/L		12/15/25 10:16	12/16/25 20:36	1
Atrazine	ND		10.1	1.15	ug/L		12/15/25 10:16	12/16/25 20:36	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/15/25 10:16	12/16/25 20:36	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/15/25 10:16	12/16/25 20:36	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/15/25 10:16	12/16/25 20:36	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/15/25 10:16	12/16/25 20:36	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/15/25 10:16	12/16/25 20:36	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/15/25 10:16	12/16/25 20:36	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		12/15/25 10:16	12/16/25 20:36	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		12/15/25 10:16	12/16/25 20:36	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		12/15/25 10:16	12/16/25 20:36	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/15/25 10:16	12/16/25 20:36	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/15/25 10:16	12/16/25 20:36	1
Caprolactam	ND		10.1	2.43	ug/L		12/15/25 10:16	12/16/25 20:36	1
Carbazole	ND		10.1	0.324	ug/L		12/15/25 10:16	12/16/25 20:36	1
Chrysene	ND		10.1	1.22	ug/L		12/15/25 10:16	12/16/25 20:36	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/15/25 10:16	12/16/25 20:36	1
Dibenzofuran	ND		10.1	0.649	ug/L		12/15/25 10:16	12/16/25 20:36	1
Diethyl phthalate	ND		10.1	4.05	ug/L		12/15/25 10:16	12/16/25 20:36	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		12/15/25 10:16	12/16/25 20:36	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		12/15/25 10:16	12/16/25 20:36	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/15/25 10:16	12/16/25 20:36	1
Fluoranthene	ND		10.1	0.639	ug/L		12/15/25 10:16	12/16/25 20:36	1
Fluorene	ND		10.1	0.679	ug/L		12/15/25 10:16	12/16/25 20:36	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/15/25 10:16	12/16/25 20:36	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/15/25 10:16	12/16/25 20:36	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/15/25 10:16	12/16/25 20:36	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/15/25 10:16	12/16/25 20:36	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/15/25 10:16	12/16/25 20:36	1
Isophorone	ND		10.1	0.811	ug/L		12/15/25 10:16	12/16/25 20:36	1
Naphthalene	ND		10.1	0.760	ug/L		12/15/25 10:16	12/16/25 20:36	1
Nitrobenzene	ND		10.1	0.608	ug/L		12/15/25 10:16	12/16/25 20:36	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		12/15/25 10:16	12/16/25 20:36	1
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		12/15/25 10:16	12/16/25 20:36	1

Client Sample ID: SW-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-7
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	2.84	ug/L		12/15/25 10:16	12/16/25 20:36	1
Phenanthrene	ND		10.1	0.750	ug/L		12/15/25 10:16	12/16/25 20:36	1
Phenol	ND		10.1	0.689	ug/L		12/15/25 10:16	12/16/25 20:36	1
Pyrene	ND		10.1	0.639	ug/L		12/15/25 10:16	12/16/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*12/15/25 10:16*	*12/16/25 20:36*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*12/15/25 10:16*	*12/16/25 20:36*	*1*
2-Fluorophenol (Surr)	*54*		*10 - 150*	*12/15/25 10:16*	*12/16/25 20:36*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 150*	*12/15/25 10:16*	*12/16/25 20:36*	*1*
Phenol-d5 (Surr)	*47*		*10 - 150*	*12/15/25 10:16*	*12/16/25 20:36*	*1*
Terphenyl-d14 (Surr)	*52*		*28 - 150*	*12/15/25 10:16*	*12/16/25 20:36*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**24.6**		1.00	0.767	mg/L			12/19/25 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 18:58	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 18:58	1
Barium	**34.1**		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 18:58	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 18:58	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 18:58	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 18:58	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 08:18	12/18/25 18:58	1
Copper	**3.63**		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 18:58	1
Lead	**2.79**		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 18:58	1
Manganese	**19.2**		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 18:58	1
Nickel	**1.02**	**J**	5.00	0.422	ug/L		12/16/25 08:18	12/18/25 18:58	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 18:58	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 18:58	1
Thallium	ND		1.00	0.190	ug/L		12/16/25 08:18	12/18/25 18:58	1
Vanadium	**2.58**	**J**	5.00	1.22	ug/L		12/16/25 08:18	12/18/25 18:58	1
Zinc	**23.7**		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 18:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.137**		0.100	0.0184	mg/L			12/20/25 16:02	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 23:09	1
Nitrite as N (EPA 353.2)	**0.0372**	**J**	0.100	0.0168	mg/L			12/11/25 13:52	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

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

Job ID: 752-40146-1

Client Sample ID: SW-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.60**	**J**	10.0	4.04	ug/L			12/18/25 20:32	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 20:32	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 20:32	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 20:32	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 20:32	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 20:32	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 20:32	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 20:32	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 20:32	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 20:32	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 20:32	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 20:32	1
Chloroform	**3.43**		1.00	0.216	ug/L			12/18/25 20:32	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 20:32	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 20:32	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 20:32	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 20:32	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 20:32	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 20:32	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 20:32	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 20:32	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 20:32	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 20:32	1
Dichlorobromomethane	**0.879**	**J**	1.00	0.222	ug/L			12/18/25 20:32	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 20:32	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 20:32	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 20:32	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 20:32	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 20:32	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 20:32	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 20:32	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 20:32	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 20:32	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 20:32	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 20:32	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 20:32	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 20:32	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 20:32	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 20:32	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 20:32	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 20:32	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 20:32	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 20:32	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 20:32	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 20:32	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 20:32	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 20:32	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 20:32	1

Client Sample ID: SW-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-8
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			12/18/25 20:32	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 20:32	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 20:32	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 20:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 20:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 20:32	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 20:32	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 20:32	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 20:32	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 20:32	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 20:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 20:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 20:32	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 20:32	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 20:32	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 20:32	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 20:32	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 20:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 20:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 20:32	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 20:32	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 20:32	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*12/18/25 20:32*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/18/25 20:32*	*1*
Toluene-d8 (Surr)	*105*		*79 - 119*		*12/18/25 20:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.288	0.288	ug/L		12/16/25 15:55	12/18/25 20:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/16/25 15:55*	*12/18/25 20:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/15/25 10:16	12/16/25 21:10	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/15/25 10:16	12/16/25 21:10	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/15/25 10:16	12/16/25 21:10	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/15/25 10:16	12/16/25 21:10	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/15/25 10:16	12/16/25 21:10	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/15/25 10:16	12/16/25 21:10	1

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

Job ID: 752-40146-1

Client Sample ID: SW-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-8
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		12/15/25 10:16	12/16/25 21:10	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/15/25 10:16	12/16/25 21:10	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/15/25 10:16	12/16/25 21:10	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/15/25 10:16	12/16/25 21:10	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/15/25 10:16	12/16/25 21:10	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/15/25 10:16	12/16/25 21:10	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/15/25 10:16	12/16/25 21:10	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/15/25 10:16	12/16/25 21:10	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/15/25 10:16	12/16/25 21:10	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/15/25 10:16	12/16/25 21:10	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/15/25 10:16	12/16/25 21:10	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/15/25 10:16	12/16/25 21:10	1
Acenaphthene	ND		10.0	0.630	ug/L		12/15/25 10:16	12/16/25 21:10	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/15/25 10:16	12/16/25 21:10	1
Acetophenone	ND		10.0	3.20	ug/L		12/15/25 10:16	12/16/25 21:10	1
Anthracene	ND		10.0	0.910	ug/L		12/15/25 10:16	12/16/25 21:10	1
Atrazine	ND		10.0	1.13	ug/L		12/15/25 10:16	12/16/25 21:10	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/15/25 10:16	12/16/25 21:10	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/15/25 10:16	12/16/25 21:10	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:16	12/16/25 21:10	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/15/25 10:16	12/16/25 21:10	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/15/25 10:16	12/16/25 21:10	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/15/25 10:16	12/16/25 21:10	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/15/25 10:16	12/16/25 21:10	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/15/25 10:16	12/16/25 21:10	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/15/25 10:16	12/16/25 21:10	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 21:10	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 21:10	1
Caprolactam	ND		10.0	2.40	ug/L		12/15/25 10:16	12/16/25 21:10	1
Carbazole	ND		10.0	0.320	ug/L		12/15/25 10:16	12/16/25 21:10	1
Chrysene	ND		10.0	1.20	ug/L		12/15/25 10:16	12/16/25 21:10	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/15/25 10:16	12/16/25 21:10	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/15/25 10:16	12/16/25 21:10	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 21:10	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 21:10	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/15/25 10:16	12/16/25 21:10	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 21:10	1
Fluoranthene	ND		10.0	0.630	ug/L		12/15/25 10:16	12/16/25 21:10	1
Fluorene	ND		10.0	0.670	ug/L		12/15/25 10:16	12/16/25 21:10	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/15/25 10:16	12/16/25 21:10	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/15/25 10:16	12/16/25 21:10	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/15/25 10:16	12/16/25 21:10	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/15/25 10:16	12/16/25 21:10	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:16	12/16/25 21:10	1
Isophorone	ND		10.0	0.800	ug/L		12/15/25 10:16	12/16/25 21:10	1
Naphthalene	ND		10.0	0.750	ug/L		12/15/25 10:16	12/16/25 21:10	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/15/25 10:16	12/16/25 21:10	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/15/25 10:16	12/16/25 21:10	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/15/25 10:16	12/16/25 21:10	1

Client Sample ID: SW-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40146-8
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		12/15/25 10:16	12/16/25 21:10	1
Phenanthrene	ND		10.0	0.740	ug/L		12/15/25 10:16	12/16/25 21:10	1
Phenol	ND		10.0	0.680	ug/L		12/15/25 10:16	12/16/25 21:10	1
Pyrene	ND		10.0	0.630	ug/L		12/15/25 10:16	12/16/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 150*	*12/15/25 10:16*	*12/16/25 21:10*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*12/15/25 10:16*	*12/16/25 21:10*	*1*
2-Fluorophenol (Surr)	*60*		*10 - 150*	*12/15/25 10:16*	*12/16/25 21:10*	*1*
Nitrobenzene-d5 (Surr)	*65*		*22 - 150*	*12/15/25 10:16*	*12/16/25 21:10*	*1*
Phenol-d5 (Surr)	*55*		*10 - 150*	*12/15/25 10:16*	*12/16/25 21:10*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*12/15/25 10:16*	*12/16/25 21:10*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**30.5**		1.00	0.767	mg/L			12/19/25 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 19:01	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 19:01	1
Barium	**35.1**		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 19:01	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 19:01	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 19:01	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 19:01	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 08:18	12/18/25 19:01	1
Copper	**4.84**		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 19:01	1
Lead	**3.11**		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 19:01	1
Manganese	**46.3**		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 19:01	1
Nickel	**1.26**	**J**	5.00	0.422	ug/L		12/16/25 08:18	12/18/25 19:01	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 19:01	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 19:01	1
Thallium	ND		1.00	0.190	ug/L		12/16/25 08:18	12/18/25 19:01	1
Vanadium	**2.52**	**J**	5.00	1.22	ug/L		12/16/25 08:18	12/18/25 19:01	1
Zinc	**50.9**		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 19:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/17/25 00:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.471**		0.100	0.0184	mg/L			12/20/25 16:05	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 23:11	1
Nitrite as N (EPA 353.2)	**0.0670**	**J**	0.100	0.0168	mg/L			12/11/25 13:53	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:32	1

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: Trip Blank 1
Lab Sample ID: 752-40146-9
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/19/25 14:04	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 16:02	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 16:02	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 16:02	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 16:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 16:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 16:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 16:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 16:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 16:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 16:02	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 16:02	1
Chloroform	ND		1.00	0.216	ug/L			12/18/25 16:02	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 16:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 16:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 16:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 16:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 16:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 16:02	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 16:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 16:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 16:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 16:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 16:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 16:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 16:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 16:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 16:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 16:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 16:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 16:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 16:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 16:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 16:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 16:02	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 16:02	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 16:02	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 16:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 16:02	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 16:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 16:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 16:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 16:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 16:02	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 16:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 16:02	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 16:02	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 16:02	1

Client Sample ID: Trip Blank 1

Lab Sample ID: 752-40146-9

Date Collected: 12/10/25 09:25

Matrix: Water

Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 16:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 16:02	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 16:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 16:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 16:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 16:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 16:02	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 16:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 16:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 16:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 16:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 16:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 16:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 16:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 16:02	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 16:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 16:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 16:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 16:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 16:02	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 16:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 16:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 126*		*12/18/25 16:02*	*1*
4-Bromofluorobenzene	*103*		*70 - 126*		*12/19/25 14:04*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*12/18/25 16:02*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*12/19/25 14:04*	*1*
Toluene-d8 (Surr)	*104*		*79 - 119*		*12/18/25 16:02*	*1*
Toluene-d8 (Surr)	*106*		*79 - 119*		*12/19/25 14:04*	*1*

Client Sample ID: Trip Blank 2

Lab Sample ID: 752-40146-10

Date Collected: 12/10/25 09:25

Matrix: Water

Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/18/25 15:40	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 15:40	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 15:40	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 15:40	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 15:40	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 15:40	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 15:40	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 15:40	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 15:40	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 15:40	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 15:40	1

Client Sample ID: Trip Blank 2
Lab Sample ID: 752-40146-10
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 15:40	1
Chloroform	ND		1.00	0.216	ug/L			12/18/25 15:40	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 15:40	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 15:40	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 15:40	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 15:40	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 15:40	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 15:40	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 15:40	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 15:40	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 15:40	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 15:40	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 15:40	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 15:40	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 15:40	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 15:40	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 15:40	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 15:40	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 15:40	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 15:40	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 15:40	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 15:40	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 15:40	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 15:40	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 15:40	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 15:40	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 15:40	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 15:40	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 15:40	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 15:40	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 15:40	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 15:40	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 15:40	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 15:40	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 15:40	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 15:40	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 15:40	1
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 15:40	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 15:40	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 15:40	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 15:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 15:40	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 15:40	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 15:40	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 15:40	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 15:40	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 15:40	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 15:40	1

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: Trip Blank 2
Lab Sample ID: 752-40146-10
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 15:40	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 15:40	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 15:40	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 15:40	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 15:40	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 15:40	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 15:40	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 15:40	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 15:40	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 15:40	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 15:40	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*12/18/25 15:40*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/18/25 15:40*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*12/18/25 15:40*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40146-1
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)
752-40146-1	SW-1	106	107	108
752-40146-1	SW-1	101	104	103
752-40146-2	SW-2	107	107	106
752-40146-3	SW-3	105	111	107
752-40146-4	SW-4	105	107	105
752-40146-5	SW-5	106	108	105
752-40146-6	SW-6	105	106	106
752-40146-7	SW-7	106	107	103
752-40146-8	SW-Dup	101	107	105
752-40146-9	Trip Blank 1	105	106	104
752-40146-9	Trip Blank 1	103	109	106
752-40146-10	Trip Blank 2	106	107	103
LCS 705-102640/1002	Lab Control Sample	106	108	104
LCS 705-102640/1003	Lab Control Sample	107	108	105
LCS 705-102900/1004	Lab Control Sample	105	104	102
MB 705-102640/7	Method Blank	103	111	106
MB 705-102900/6	Method Blank	102	107	105

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)
752-40146-1	SW-1	83	72	82	72	81	52
752-40146-2	SW-2	81	70	80	71	80	53
752-40146-3	SW-3	82	71	79	67	78	57
752-40146-4	SW-4	74	67	73	64	73	53
752-40146-5	SW-5	68	68	80	73	82	54
752-40146-6	SW-6	66	64	70	63	67	51
752-40146-7	SW-7	66	66	54	64	47	52
752-40146-8	SW-Dup	65	66	60	65	55	53
LCS 400-733807/2-A	Lab Control Sample	73	62	51	63	47	65
LCSD 400-733807/3-A	Lab Control Sample Dup	82	68	64	70	61	71
MB 400-733807/1-A	Method Blank	83	69	62	70	55	70

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: 752-40146-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-140)						
752-40146-1	SW-1	39						
752-40146-2	SW-2	41						
752-40146-3	SW-3	40						
752-40146-4	SW-4	36						
752-40146-5	SW-5	38						
752-40146-6	SW-6	35						
752-40146-7	SW-7	33						
752-40146-8	SW-Dup	30						
LCS 400-733986/2-A	Lab Control Sample	36						
LCSD 400-733986/3-A	Lab Control Sample Dup	44						
MB 400-733986/1-A	Method Blank	38						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Job ID: 752-40146-1

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

Lab Sample ID: MB 705-102640/7
Matrix: Water
Analysis Batch: 102640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/18/25 14:20	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 14:20	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 14:20	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 14:20	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 14:20	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 14:20	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 14:20	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 14:20	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 14:20	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 14:20	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 14:20	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 14:20	1
Chloroform	ND		1.00	0.216	ug/L			12/18/25 14:20	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 14:20	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 14:20	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 14:20	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 14:20	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 14:20	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 14:20	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 14:20	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 14:20	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 14:20	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 14:20	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 14:20	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 14:20	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 14:20	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 14:20	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 14:20	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 14:20	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 14:20	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 14:20	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 14:20	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 14:20	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 14:20	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 14:20	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 14:20	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 14:20	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 14:20	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 14:20	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 14:20	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 14:20	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 14:20	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 14:20	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 14:20	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 14:20	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 14:20	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 14:20	1

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

Lab Sample ID: MB 705-102640/7
Matrix: Water
Analysis Batch: 102640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 14:20	1
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 14:20	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 14:20	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 14:20	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 14:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 14:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 14:20	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 14:20	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 14:20	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 14:20	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 14:20	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 14:20	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 14:20	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 14:20	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 14:20	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 14:20	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 14:20	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 14:20	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 14:20	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 14:20	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 14:20	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 14:20	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 14:20	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 14:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 126*		*12/18/25 14:20*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*12/18/25 14:20*	*1*
Toluene-d8 (Surr)	*106*		*79 - 119*		*12/18/25 14:20*	*1*

Lab Sample ID: LCS 705-102640/1002
Matrix: Water
Analysis Batch: 102640

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	46.82		ug/L		117	25 - 150		
Isopropyl ether			20.0	22.54		ug/L		113	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 126*
Dibromofluoromethane	*108*		*77 - 121*
Toluene-d8 (Surr)	*104*		*79 - 119*

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

Lab Sample ID: LCS 705-102640/1003
Matrix: Water
Analysis Batch: 102640

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	41.96		ug/L		105	62 - 136
Benzene	20.0	18.77		ug/L		94	76 - 122
Bromobenzene	20.0	16.33		ug/L		82	77 - 125
Bromoform	20.0	18.04		ug/L		90	65 - 129
Bromomethane	20.0	18.15		ug/L		91	60 - 138
2-Butanone (MEK)	40.0	40.14		ug/L		100	74 - 131
Carbon disulfide	20.0	19.59		ug/L		98	71 - 122
Carbon tetrachloride	20.0	19.74		ug/L		99	72 - 131
Chlorobenzene	20.0	17.95		ug/L		90	75 - 121
Chlorobromomethane	20.0	19.01		ug/L		95	77 - 120
Chlorodibromomethane	20.0	18.52		ug/L		93	70 - 131
Chloroethane	20.0	23.32		ug/L		117	55 - 138
Chloroform	20.0	20.98		ug/L		105	73 - 121
Chloromethane	20.0	20.61		ug/L		103	57 - 129
2-Chlorotoluene	20.0	18.54		ug/L		93	75 - 123
4-Chlorotoluene	20.0	19.57		ug/L		98	76 - 124
cis-1,2-Dichloroethene	20.0	19.99		ug/L		100	76 - 121
cis-1,3-Dichloropropene	20.0	20.53		ug/L		103	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.30		ug/L		97	64 - 125
Dibromomethane	20.0	18.99		ug/L		95	70 - 130
1,2-Dichlorobenzene	20.0	17.39		ug/L		87	69 - 127
1,3-Dichlorobenzene	20.0	16.98		ug/L		85	68 - 128
1,4-Dichlorobenzene	20.0	17.31		ug/L		87	68 - 126
Dichlorobromomethane	20.0	20.72		ug/L		104	70 - 124
1,1-Dichloroethane	20.0	21.08		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	22.55		ug/L		113	72 - 127
1,1-Dichloroethene	20.0	18.93		ug/L		95	69 - 130
1,2-Dichloropropane	20.0	20.14		ug/L		101	71 - 121
1,3-Dichloropropane	20.0	19.31		ug/L		97	76 - 125
2,2-Dichloropropane	20.0	23.14		ug/L		116	71 - 131
1,1-Dichloropropene	20.0	17.35		ug/L		87	74 - 129
Ethylbenzene	20.0	19.54		ug/L		98	75 - 127
Ethylene Dibromide	20.0	18.23		ug/L		91	68 - 133
Hexachlorobutadiene	20.0	15.60		ug/L		78	65 - 137
Hexane	20.0	21.17		ug/L		106	25 - 150
2-Hexanone	40.0	45.22		ug/L		113	70 - 130
Iodomethane	20.0	15.90		ug/L		79	50 - 150
Isopropylbenzene	20.0	17.84		ug/L		89	76 - 125
4-Isopropyltoluene	20.0	19.30		ug/L		97	78 - 126
Methylene Chloride	20.0	20.52		ug/L		103	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	47.00		ug/L		118	76 - 122
Methyl tert-butyl ether	20.0	22.46		ug/L		112	76 - 123
m-Xylene & p-Xylene	20.0	19.39		ug/L		97	76 - 128
Naphthalene	20.0	17.02		ug/L		85	67 - 129
n-Butylbenzene	20.0	20.13		ug/L		101	71 - 131
n-Heptane	20.0	23.22		ug/L		116	25 - 150
N-Propylbenzene	20.0	18.52		ug/L		93	75 - 127
o-Xylene	20.0	20.24		ug/L		101	78 - 124

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

Lab Sample ID: LCS 705-102640/1003
Matrix: Water
Analysis Batch: 102640

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	18.64		ug/L		93	74 - 127
Styrene	20.0	19.57		ug/L		98	71 - 129
tert-Butylbenzene	20.0	17.82		ug/L		89	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.65		ug/L		98	76 - 130
1,1,2,2-Tetrachloroethane	20.0	17.77		ug/L		89	73 - 127
Tetrachloroethene	20.0	16.19		ug/L		81	74 - 129
Toluene	20.0	19.17		ug/L		96	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.82		ug/L		94	50 - 150
trans-1,2-Dichloroethene	20.0	19.91		ug/L		100	74 - 124
trans-1,3-Dichloropropene	20.0	21.75		ug/L		109	59 - 135
1,2,3-Trichlorobenzene	20.0	15.90		ug/L		79	65 - 130
1,2,4-Trichlorobenzene	20.0	16.42		ug/L		82	65 - 131
1,1,1-Trichloroethane	20.0	21.35		ug/L		107	71 - 124
1,1,2-Trichloroethane	20.0	19.68		ug/L		98	69 - 127
Trichloroethene	20.0	17.20		ug/L		86	72 - 129
Trichlorofluoromethane	20.0	22.06		ug/L		110	63 - 142
1,2,3-Trichloropropane	20.0	17.58		ug/L		88	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.08		ug/L		90	74 - 122
1,2,4-Trimethylbenzene	20.0	19.05		ug/L		95	80 - 123
1,3,5-Trimethylbenzene	20.0	18.46		ug/L		92	79 - 124
Vinyl acetate	40.0	44.97		ug/L		112	50 - 150
Vinyl chloride	20.0	21.11		ug/L		106	65 - 132
Xylenes, Total	40.0	39.63		ug/L		99	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 126*
Dibromofluoromethane	*108*		*77 - 121*
Toluene-d8 (Surr)	*105*		*79 - 119*

Lab Sample ID: MB 705-102900/6
Matrix: Water
Analysis Batch: 102900

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/19/25 10:39	1
Benzene	ND		1.00	0.200	ug/L			12/19/25 10:39	1
Bromobenzene	ND		1.00	0.222	ug/L			12/19/25 10:39	1
Bromoform	ND		1.00	0.458	ug/L			12/19/25 10:39	1
Bromomethane	ND		1.00	0.470	ug/L			12/19/25 10:39	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/19/25 10:39	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/19/25 10:39	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/19/25 10:39	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/19/25 10:39	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/19/25 10:39	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/19/25 10:39	1
Chloroethane	ND		1.00	0.374	ug/L			12/19/25 10:39	1
Chloroform	ND		1.00	0.216	ug/L			12/19/25 10:39	1
Chloromethane	ND		1.00	0.371	ug/L			12/19/25 10:39	1

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

Lab Sample ID: MB 705-102900/6
Matrix: Water
Analysis Batch: 102900

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/19/25 10:39	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/19/25 10:39	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/19/25 10:39	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/19/25 10:39	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/19/25 10:39	1
Dibromomethane	ND		1.00	0.318	ug/L			12/19/25 10:39	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/19/25 10:39	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/19/25 10:39	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/19/25 10:39	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/19/25 10:39	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/19/25 10:39	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/19/25 10:39	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/19/25 10:39	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/19/25 10:39	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/19/25 10:39	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/19/25 10:39	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/19/25 10:39	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/19/25 10:39	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/19/25 10:39	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/19/25 10:39	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/19/25 10:39	1
Hexane	ND		10.0	3.63	ug/L			12/19/25 10:39	1
2-Hexanone	ND		10.0	3.47	ug/L			12/19/25 10:39	1
Iodomethane	ND		2.00	0.403	ug/L			12/19/25 10:39	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/19/25 10:39	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/19/25 10:39	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/19/25 10:39	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/19/25 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/19/25 10:39	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/19/25 10:39	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/19/25 10:39	1
Naphthalene	ND		2.00	1.56	ug/L			12/19/25 10:39	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/19/25 10:39	1
n-Heptane	ND		10.0	3.05	ug/L			12/19/25 10:39	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/19/25 10:39	1
o-Xylene	ND		1.00	0.270	ug/L			12/19/25 10:39	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/19/25 10:39	1
Styrene	ND		1.00	0.194	ug/L			12/19/25 10:39	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/19/25 10:39	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/19/25 10:39	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/19/25 10:39	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/19/25 10:39	1
Toluene	ND		1.00	0.197	ug/L			12/19/25 10:39	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/19/25 10:39	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/19/25 10:39	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/19/25 10:39	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/19/25 10:39	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/19/25 10:39	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/19/25 10:39	1

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

Lab Sample ID: MB 705-102900/6
Matrix: Water
Analysis Batch: 102900

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/19/25 10:39	1
Trichloroethene	ND		1.00	0.211	ug/L			12/19/25 10:39	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/19/25 10:39	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/19/25 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/19/25 10:39	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/19/25 10:39	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/19/25 10:39	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/19/25 10:39	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/19/25 10:39	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/19/25 10:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 126*		*12/19/25 10:39*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/19/25 10:39*	*1*
Toluene-d8 (Surr)	*105*		*79 - 119*		*12/19/25 10:39*	*1*

Lab Sample ID: LCS 705-102900/1004
Matrix: Water
Analysis Batch: 102900

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	36.30		ug/L		91	62 - 136
Benzene	20.0	19.67		ug/L		98	76 - 122
Bromobenzene	20.0	17.82		ug/L		89	77 - 125
Bromoform	20.0	19.45		ug/L		97	65 - 129
Bromomethane	20.0	21.88		ug/L		109	60 - 138
2-Butanone (MEK)	40.0	36.51		ug/L		91	74 - 131
Carbon disulfide	20.0	20.20		ug/L		101	71 - 122
Carbon tetrachloride	20.0	21.63		ug/L		108	72 - 131
Chlorobenzene	20.0	19.07		ug/L		95	75 - 121
Chlorobromomethane	20.0	19.09		ug/L		95	77 - 120
Chlorodibromomethane	20.0	20.17		ug/L		101	70 - 131
Chloroethane	20.0	21.93		ug/L		110	55 - 138
Chloroform	20.0	21.20		ug/L		106	73 - 121
Chloromethane	20.0	20.22		ug/L		101	57 - 129
2-Chlorotoluene	20.0	19.90		ug/L		99	75 - 123
4-Chlorotoluene	20.0	21.22		ug/L		106	76 - 124
cis-1,2-Dichloroethene	20.0	19.91		ug/L		100	76 - 121
cis-1,3-Dichloropropene	20.0	21.48		ug/L		107	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.61		ug/L		98	64 - 125
Dibromomethane	20.0	19.97		ug/L		100	70 - 130
1,2-Dichlorobenzene	20.0	19.35		ug/L		97	69 - 127
1,3-Dichlorobenzene	20.0	19.02		ug/L		95	68 - 128
1,4-Dichlorobenzene	20.0	19.65		ug/L		98	68 - 126
Dichlorobromomethane	20.0	21.58		ug/L		108	70 - 124
1,1-Dichloroethane	20.0	20.51		ug/L		103	65 - 126
1,2-Dichloroethane	20.0	22.96		ug/L		115	72 - 127
1,1-Dichloroethene	20.0	20.00		ug/L		100	69 - 130

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

Lab Sample ID: LCS 705-102900/1004
Matrix: Water
Analysis Batch: 102900

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	20.0	20.38		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	20.07		ug/L		100	76 - 125
2,2-Dichloropropane	20.0	23.77		ug/L		119	71 - 131
1,1-Dichloropropene	20.0	18.89		ug/L		94	74 - 129
Ethylbenzene	20.0	20.73		ug/L		104	75 - 127
Ethylene Dibromide	20.0	19.34		ug/L		97	68 - 133
Hexachlorobutadiene	20.0	18.36		ug/L		92	65 - 137
Hexane	20.0	22.13		ug/L		111	25 - 150
2-Hexanone	40.0	43.86		ug/L		110	70 - 130
Iodomethane	20.0	19.79		ug/L		99	50 - 150
Isopropylbenzene	20.0	19.66		ug/L		98	76 - 125
4-Isopropyltoluene	20.0	21.32		ug/L		107	78 - 126
Methylene Chloride	20.0	19.45		ug/L		97	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	45.23		ug/L		113	76 - 122
Methyl tert-butyl ether	20.0	21.80		ug/L		109	76 - 123
m-Xylene & p-Xylene	20.0	20.61		ug/L		103	76 - 128
Naphthalene	20.0	17.57		ug/L		88	67 - 129
n-Butylbenzene	20.0	22.12		ug/L		111	71 - 131
n-Heptane	20.0	23.98		ug/L		120	25 - 150
N-Propylbenzene	20.0	20.50		ug/L		103	75 - 127
o-Xylene	20.0	21.32		ug/L		107	78 - 124
sec-Butylbenzene	20.0	20.49		ug/L		102	74 - 127
Styrene	20.0	20.76		ug/L		104	71 - 129
tert-Butylbenzene	20.0	20.11		ug/L		101	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.88		ug/L		104	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.75		ug/L		94	73 - 127
Tetrachloroethene	20.0	18.61		ug/L		93	74 - 129
Toluene	20.0	19.96		ug/L		100	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.63		ug/L		98	50 - 150
trans-1,2-Dichloroethene	20.0	20.50		ug/L		103	74 - 124
trans-1,3-Dichloropropene	20.0	22.47		ug/L		112	59 - 135
1,2,3-Trichlorobenzene	20.0	17.84		ug/L		89	65 - 130
1,2,4-Trichlorobenzene	20.0	18.33		ug/L		92	65 - 131
1,1,1-Trichloroethane	20.0	21.78		ug/L		109	71 - 124
1,1,2-Trichloroethane	20.0	20.33		ug/L		102	69 - 127
Trichloroethene	20.0	18.64		ug/L		93	72 - 129
Trichlorofluoromethane	20.0	21.71		ug/L		109	63 - 142
1,2,3-Trichloropropane	20.0	18.88		ug/L		94	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.75		ug/L		99	74 - 122
1,2,4-Trimethylbenzene	20.0	20.79		ug/L		104	80 - 123
1,3,5-Trimethylbenzene	20.0	20.44		ug/L		102	79 - 124
Vinyl acetate	40.0	47.04		ug/L		118	50 - 150
Vinyl chloride	20.0	19.61		ug/L		98	65 - 132
Xylenes, Total	40.0	41.93		ug/L		105	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 126*

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

Lab Sample ID: LCS 705-102900/1004
Matrix: Water
Analysis Batch: 102900

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*102*		*79 - 119*

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

Lab Sample ID: MB 400-733807/1-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/15/25 10:15	12/16/25 11:49	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/15/25 10:15	12/16/25 11:49	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/15/25 10:15	12/16/25 11:49	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/15/25 10:15	12/16/25 11:49	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/15/25 10:15	12/16/25 11:49	1
Acenaphthene	ND		10.0	0.630	ug/L		12/15/25 10:15	12/16/25 11:49	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/15/25 10:15	12/16/25 11:49	1
Acetophenone	ND		10.0	3.20	ug/L		12/15/25 10:15	12/16/25 11:49	1
Anthracene	ND		10.0	0.910	ug/L		12/15/25 10:15	12/16/25 11:49	1
Atrazine	ND		10.0	1.13	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/15/25 10:15	12/16/25 11:49	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/15/25 10:15	12/16/25 11:49	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/15/25 10:15	12/16/25 11:49	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/15/25 10:15	12/16/25 11:49	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1

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

Lab Sample ID: MB 400-733807/1-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Caprolactam	ND		10.0	2.40	ug/L		12/15/25 10:15	12/16/25 11:49	1
Carbazole	ND		10.0	0.320	ug/L		12/15/25 10:15	12/16/25 11:49	1
Chrysene	ND		10.0	1.20	ug/L		12/15/25 10:15	12/16/25 11:49	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/15/25 10:15	12/16/25 11:49	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/15/25 10:15	12/16/25 11:49	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/15/25 10:15	12/16/25 11:49	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Fluoranthene	ND		10.0	0.630	ug/L		12/15/25 10:15	12/16/25 11:49	1
Fluorene	ND		10.0	0.670	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/15/25 10:15	12/16/25 11:49	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:15	12/16/25 11:49	1
Isophorone	ND		10.0	0.800	ug/L		12/15/25 10:15	12/16/25 11:49	1
Naphthalene	ND		10.0	0.750	ug/L		12/15/25 10:15	12/16/25 11:49	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/15/25 10:15	12/16/25 11:49	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/15/25 10:15	12/16/25 11:49	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/15/25 10:15	12/16/25 11:49	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/15/25 10:15	12/16/25 11:49	1
Phenanthrene	ND		10.0	0.740	ug/L		12/15/25 10:15	12/16/25 11:49	1
Phenol	ND		10.0	0.680	ug/L		12/15/25 10:15	12/16/25 11:49	1
Pyrene	ND		10.0	0.630	ug/L		12/15/25 10:15	12/16/25 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*12/15/25 10:15*	*12/16/25 11:49*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*12/15/25 10:15*	*12/16/25 11:49*	*1*
2-Fluorophenol (Surr)	*62*		*10 - 150*	*12/15/25 10:15*	*12/16/25 11:49*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*12/15/25 10:15*	*12/16/25 11:49*	*1*
Phenol-d5 (Surr)	*55*		*10 - 150*	*12/15/25 10:15*	*12/16/25 11:49*	*1*
Terphenyl-d14 (Surr)	*70*		*28 - 150*	*12/15/25 10:15*	*12/16/25 11:49*	*1*

Lab Sample ID: LCS 400-733807/2-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	26.76		ug/L		80	27 - 120
2,4,5-Trichlorophenol	33.3	33.03		ug/L		99	27 - 136
2,4,6-Trichlorophenol	33.3	30.56		ug/L		92	21 - 132
2,4-Dichlorophenol	33.3	27.20		ug/L		82	30 - 125
2,4-Dimethylphenol	33.3	23.09		ug/L		69	10 - 142
2,4-Dinitrophenol	66.7	50.18		ug/L		75	10 - 150
2,4-Dinitrotoluene	33.3	27.67		ug/L		83	30 - 129
2,6-Dinitrotoluene	33.3	28.70		ug/L		86	34 - 132

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

Lab Sample ID: LCS 400-733807/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733900
Prep Batch: 733807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	33.3	23.40		ug/L		70	10 - 150
2-Chlorophenol	33.3	23.84		ug/L		72	28 - 127
2-Methylnaphthalene	33.3	24.81		ug/L		74	24 - 150
2-Methylphenol	33.3	21.63		ug/L		65	11 - 121
2-Nitroaniline	33.3	30.70		ug/L		92	31 - 141
2-Nitrophenol	33.3	28.83		ug/L		86	31 - 142
3 & 4 Methylphenol	33.3	20.87		ug/L		63	10 - 150
3,3'-Dichlorobenzidine	66.7	54.28		ug/L		81	10 - 150
3-Nitroaniline	33.3	30.31		ug/L		91	33 - 136
4,6-Dinitro-2-methylphenol	66.7	56.29		ug/L		84	10 - 150
4-Bromophenyl phenyl ether	33.3	23.70		ug/L		71	24 - 120
4-Chloro-3-methylphenol	33.3	25.60		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.36		ug/L		76	10 - 150
4-Chlorophenyl phenyl ether	33.3	25.06		ug/L		75	31 - 110
4-Nitroaniline	33.3	30.30		ug/L		91	37 - 139
4-Nitrophenol	66.7	36.84		ug/L		55	10 - 150
Acenaphthene	33.3	27.27		ug/L		82	29 - 150
Acenaphthylene	33.3	28.57		ug/L		86	30 - 150
Acetophenone	33.3	22.47		ug/L		67	27 - 119
Anthracene	33.3	25.18		ug/L		76	31 - 150
Atrazine	33.3	26.35		ug/L		79	10 - 150
Benzaldehyde	33.3	26.38		ug/L		79	10 - 150
Benzo[a]anthracene	33.3	25.26		ug/L		76	36 - 150
Benzo[a]pyrene	33.3	25.76		ug/L		77	29 - 150
Benzo[b]fluoranthene	33.3	26.14		ug/L		78	32 - 150
Benzo[g,h,i]perylene	33.3	25.93		ug/L		78	28 - 150
Benzo[k]fluoranthene	33.3	25.24		ug/L		76	30 - 150
bis (2-chloroisopropyl) ether	33.3	21.96		ug/L		66	32 - 115
Bis(2-chloroethoxy)methane	33.3	26.55		ug/L		80	34 - 120
Bis(2-chloroethyl)ether	33.3	26.38		ug/L		79	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	29.32		ug/L		88	24 - 133
Butyl benzyl phthalate	33.3	30.28		ug/L		91	24 - 140
Caprolactam	33.3	18.77		ug/L		56	10 - 150
Carbazole	33.3	22.58		ug/L		68	28 - 123
Chrysene	33.3	24.15		ug/L		72	34 - 150
Dibenz(a,h)anthracene	33.3	24.57		ug/L		74	29 - 150
Dibenzofuran	33.3	24.11		ug/L		72	35 - 110
Diethyl phthalate	33.3	29.76		ug/L		89	31 - 118
Dimethyl phthalate	33.3	31.05		ug/L		93	24 - 125
Di-n-butyl phthalate	33.3	27.06		ug/L		81	30 - 127
Di-n-octyl phthalate	33.3	30.72		ug/L		92	28 - 142
Fluoranthene	33.3	26.43		ug/L		79	30 - 150
Fluorene	33.3	26.42		ug/L		79	30 - 150
Hexachlorobenzene	33.3	24.99		ug/L		75	29 - 113
Hexachlorobutadiene	33.3	17.34		ug/L		52	10 - 117
Hexachlorocyclopentadiene	33.3	18.18	J	ug/L		55	10 - 150
Hexachloroethane	33.3	16.83		ug/L		50	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	24.64		ug/L		74	28 - 150
Isophorone	33.3	24.66		ug/L		74	29 - 125

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

Lab Sample ID: LCS 400-733807/2-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733807

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene			33.3	20.81		ug/L		62	27 - 150		
Nitrobenzene			33.3	25.18		ug/L		76	29 - 129		
N-Nitrosodi-n-propylamine			33.3	27.10		ug/L		81	50 - 134		
N-Nitrosodiphenylamine			33.1	24.45		ug/L		74	50 - 132		
Pentachlorophenol			66.7	55.44		ug/L		83	14 - 150		
Phenanthrene			33.3	24.66		ug/L		74	32 - 150		
Phenol			33.3	19.08		ug/L		57	10 - 150		
Pyrene			33.3	27.20		ug/L		82	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*
2-Fluorobiphenyl (Surr)	*62*		*25 - 139*
2-Fluorophenol (Surr)	*51*		*10 - 150*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*
Phenol-d5 (Surr)	*47*		*10 - 150*
Terphenyl-d14 (Surr)	*65*		*28 - 150*

Lab Sample ID: LCSD 400-733807/3-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733807

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	26.69		ug/L		80	27 - 120	0	40
2,4,5-Trichlorophenol			33.3	34.17		ug/L		103	27 - 136	3	40
2,4,6-Trichlorophenol			33.3	31.98		ug/L		96	21 - 132	5	40
2,4-Dichlorophenol			33.3	28.03		ug/L		84	30 - 125	3	40
2,4-Dimethylphenol			33.3	23.87		ug/L		72	10 - 142	3	40
2,4-Dinitrophenol			66.7	53.70		ug/L		81	10 - 150	7	40
2,4-Dinitrotoluene			33.3	28.30		ug/L		85	30 - 129	2	40
2,6-Dinitrotoluene			33.3	29.65		ug/L		89	34 - 132	3	40
2-Chloronaphthalene			33.3	23.19		ug/L		70	10 - 150	1	40
2-Chlorophenol			33.3	25.94		ug/L		78	28 - 127	8	40
2-Methylnaphthalene			33.3	23.98		ug/L		72	24 - 150	3	40
2-Methylphenol			33.3	24.24		ug/L		73	11 - 121	11	40
2-Nitroaniline			33.3	32.28		ug/L		97	31 - 141	5	40
2-Nitrophenol			33.3	30.54		ug/L		92	31 - 142	6	40
3 & 4 Methylphenol			33.3	22.91		ug/L		69	10 - 150	9	40
3,3'-Dichlorobenzidine			66.7	56.14		ug/L		84	10 - 150	3	40
3-Nitroaniline			33.3	31.45		ug/L		94	33 - 136	4	40
4,6-Dinitro-2-methylphenol			66.7	60.37		ug/L		91	10 - 150	7	40
4-Bromophenyl phenyl ether			33.3	24.02		ug/L		72	24 - 120	1	40
4-Chloro-3-methylphenol			33.3	26.76		ug/L		80	10 - 137	4	40
4-Chloroaniline			33.3	25.52		ug/L		77	10 - 150	1	40
4-Chlorophenyl phenyl ether			33.3	25.93		ug/L		78	31 - 110	3	40
4-Nitroaniline			33.3	31.14		ug/L		93	37 - 139	3	40
4-Nitrophenol			66.7	40.49		ug/L		61	10 - 150	9	40
Acenaphthene			33.3	27.56		ug/L		83	29 - 150	1	40
Acenaphthylene			33.3	28.82		ug/L		86	30 - 150	1	40

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

Lab Sample ID: LCSD 400-733807/3-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733807

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetophenone			33.3	24.11		ug/L		72	27 - 119	7	40
Anthracene			33.3	25.71		ug/L		77	31 - 150	2	40
Atrazine			33.3	27.08		ug/L		81	10 - 150	3	40
Benzaldehyde			33.3	28.14		ug/L		84	10 - 150	6	40
Benzo[a]anthracene			33.3	26.30		ug/L		79	36 - 150	4	40
Benzo[a]pyrene			33.3	26.78		ug/L		80	29 - 150	4	40
Benzo[b]fluoranthene			33.3	26.54		ug/L		80	32 - 150	2	40
Benzo[g,h,i]perylene			33.3	26.72		ug/L		80	28 - 150	3	40
Benzo[k]fluoranthene			33.3	26.45		ug/L		79	30 - 150	5	40
bis (2-chloroisopropyl) ether			33.3	24.27		ug/L		73	32 - 115	10	40
Bis(2-chloroethoxy)methane			33.3	27.10		ug/L		81	34 - 120	2	40
Bis(2-chloroethyl)ether			33.3	28.41		ug/L		85	32 - 114	7	40
Bis(2-ethylhexyl) phthalate			33.3	30.17		ug/L		90	24 - 133	3	40
Butyl benzyl phthalate			33.3	31.62		ug/L		95	24 - 140	4	40
Caprolactam			33.3	17.91		ug/L		54	10 - 150	5	40
Carbazole			33.3	23.05		ug/L		69	28 - 123	2	40
Chrysene			33.3	25.06		ug/L		75	34 - 150	4	40
Dibenz(a,h)anthracene			33.3	25.24		ug/L		76	29 - 150	3	40
Dibenzofuran			33.3	24.82		ug/L		74	35 - 110	3	40
Diethyl phthalate			33.3	31.28		ug/L		94	31 - 118	5	40
Dimethyl phthalate			33.3	32.75		ug/L		98	24 - 125	5	40
Di-n-butyl phthalate			33.3	27.46		ug/L		82	30 - 127	1	40
Di-n-octyl phthalate			33.3	31.18		ug/L		94	28 - 142	2	40
Fluoranthene			33.3	26.52		ug/L		80	30 - 150	0	40
Fluorene			33.3	27.33		ug/L		82	30 - 150	3	40
Hexachlorobenzene			33.3	25.22		ug/L		76	29 - 113	1	40
Hexachlorobutadiene			33.3	13.94		ug/L		42	10 - 117	22	40
Hexachlorocyclopentadiene			33.3	15.55	J	ug/L		47	10 - 150	16	40
Hexachloroethane			33.3	15.85		ug/L		48	10 - 112	6	40
Indeno[1,2,3-cd]pyrene			33.3	25.05		ug/L		75	28 - 150	2	40
Isophorone			33.3	26.32		ug/L		79	29 - 125	7	40
Naphthalene			33.3	20.80		ug/L		62	27 - 150	0	40
Nitrobenzene			33.3	27.24		ug/L		82	29 - 129	8	40
N-Nitrosodi-n-propylamine			33.3	30.01		ug/L		90	50 - 134	10	40
N-Nitrosodiphenylamine			33.1	25.58		ug/L		77	50 - 132	5	40
Pentachlorophenol			66.7	55.61		ug/L		83	14 - 150	0	40
Phenanthrene			33.3	25.14		ug/L		75	32 - 150	2	40
Phenol			33.3	21.63		ug/L		65	10 - 150	13	40
Pyrene			33.3	27.12		ug/L		81	30 - 150	0	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*
2-Fluorophenol (Surr)	*64*		*10 - 150*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*
Phenol-d5 (Surr)	*61*		*10 - 150*
Terphenyl-d14 (Surr)	*71*		*28 - 150*

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

Lab Sample ID: MB 400-733986/1-A
Matrix: Water
Analysis Batch: 734280

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/16/25 15:55	12/18/25 17:05	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 140*	*12/16/25 15:55*	*12/18/25 17:05*	*1*

Lab Sample ID: LCS 400-733986/2-A
Matrix: Water
Analysis Batch: 734280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	14.97		ug/L		94	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*36*		*10 - 140*

Lab Sample ID: LCSD 400-733986/3-A
Matrix: Water
Analysis Batch: 734280

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733986

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	15.10		ug/L		94	30 - 150	1	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*44*		*10 - 140*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-102663/141
Matrix: Water
Analysis Batch: 102663

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			12/19/25 00:29	1

Lab Sample ID: LCS 705-102663/142
Matrix: Water
Analysis Batch: 102663

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	22.51		mg/L		90	90 - 110		

Lab Sample ID: MB 705-102837/3
Matrix: Water
Analysis Batch: 102837

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			12/18/25 21:24	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-102837/4
Matrix: Water
Analysis Batch: 102837

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	25.00		mg/L		100	90 - 110		

Lab Sample ID: MB 705-102976/3
Matrix: Water
Analysis Batch: 102976

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			12/19/25 11:19	1

Lab Sample ID: LCS 705-102976/4
Matrix: Water
Analysis Batch: 102976

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	24.82		mg/L		99	90 - 110		

Lab Sample ID: 752-40146-1 MS
Matrix: Water
Analysis Batch: 102976

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	31.9	F1	25.0	53.37	F1	mg/L		86	90 - 110		

Lab Sample ID: 752-40146-1 MSD
Matrix: Water
Analysis Batch: 102976

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	31.9	F1	25.0	53.42	F1	mg/L		86	90 - 110	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-101911/1-A
Matrix: Water
Analysis Batch: 102431

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 07:56	12/17/25 02:55	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 07:56	12/17/25 02:55	1
Barium	ND		10.0	0.410	ug/L		12/16/25 07:56	12/17/25 02:55	1
Beryllium	ND	^-	1.00	0.147	ug/L		12/16/25 07:56	12/17/25 02:55	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 07:56	12/17/25 02:55	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 07:56	12/17/25 02:55	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 07:56	12/17/25 02:55	1
Copper	ND		2.00	0.642	ug/L		12/16/25 07:56	12/17/25 02:55	1
Lead	ND		1.00	0.864	ug/L		12/16/25 07:56	12/17/25 02:55	1
Manganese	ND		5.00	1.29	ug/L		12/16/25 07:56	12/17/25 02:55	1
Nickel	ND		5.00	0.422	ug/L		12/16/25 07:56	12/17/25 02:55	1
Selenium	ND	^-	5.00	2.29	ug/L		12/16/25 07:56	12/17/25 02:55	1
Silver	ND	^+	1.00	0.167	ug/L		12/16/25 07:56	12/17/25 02:55	1

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

Lab Sample ID: MB 705-101911/1-A
Matrix: Water
Analysis Batch: 102431

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		1.00	0.190	ug/L		12/16/25 07:56	12/17/25 02:55	1
Vanadium	ND		5.00	1.22	ug/L		12/16/25 07:56	12/17/25 02:55	1
Zinc	ND		10.0	8.91	ug/L		12/16/25 07:56	12/17/25 02:55	1

Lab Sample ID: LCS 705-101911/2-A
Matrix: Water
Analysis Batch: 102431

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	100.0		ug/L		100	80 - 120
Arsenic	100	103.7		ug/L		104	80 - 120
Barium	100	101.1		ug/L		101	80 - 120
Beryllium	100	92.60	^-	ug/L		93	80 - 120
Cadmium	100	103.1		ug/L		103	80 - 120
Chromium	100	105.7		ug/L		106	80 - 120
Cobalt	100	105.6		ug/L		106	80 - 120
Copper	100	107.1		ug/L		107	80 - 120
Lead	100	104.7		ug/L		105	80 - 120
Manganese	100	103.6		ug/L		104	80 - 120
Nickel	100	106.8		ug/L		107	80 - 120
Selenium	100	91.77	^-	ug/L		92	80 - 120
Silver	10.0	10.44	^+	ug/L		104	80 - 120
Thallium	100	105.0		ug/L		105	80 - 120
Vanadium	100	104.8		ug/L		105	80 - 120
Zinc	100	105.1		ug/L		105	80 - 120

Lab Sample ID: MB 705-101914/1-A
Matrix: Water
Analysis Batch: 102919

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/16/25 08:18	12/18/25 18:11	1
Arsenic	ND		5.00	1.32	ug/L		12/16/25 08:18	12/18/25 18:11	1
Barium	ND		10.0	0.410	ug/L		12/16/25 08:18	12/18/25 18:11	1
Beryllium	ND		1.00	0.147	ug/L		12/16/25 08:18	12/18/25 18:11	1
Cadmium	ND		0.700	0.237	ug/L		12/16/25 08:18	12/18/25 18:11	1
Chromium	ND		5.00	3.69	ug/L		12/16/25 08:18	12/18/25 18:11	1
Cobalt	ND		5.00	0.411	ug/L		12/16/25 08:18	12/18/25 18:11	1
Copper	ND		2.00	0.642	ug/L		12/16/25 08:18	12/18/25 18:11	1
Lead	ND		1.00	0.864	ug/L		12/16/25 08:18	12/18/25 18:11	1
Manganese	ND		5.00	1.29	ug/L		12/16/25 08:18	12/18/25 18:11	1
Nickel	ND		5.00	0.422	ug/L		12/16/25 08:18	12/18/25 18:11	1
Selenium	ND		5.00	2.29	ug/L		12/16/25 08:18	12/18/25 18:11	1
Silver	ND		1.00	0.167	ug/L		12/16/25 08:18	12/18/25 18:11	1
Thallium	0.4627	J	1.00	0.190	ug/L		12/16/25 08:18	12/18/25 18:11	1
Vanadium	ND		5.00	1.22	ug/L		12/16/25 08:18	12/18/25 18:11	1
Zinc	ND		10.0	8.91	ug/L		12/16/25 08:18	12/18/25 18:11	1

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

Lab Sample ID: LCS 705-101914/2-A
Matrix: Water
Analysis Batch: 102919

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	107.1		ug/L		107	80 - 120
Arsenic	100	108.6		ug/L		109	80 - 120
Barium	100	103.4		ug/L		103	80 - 120
Beryllium	100	104.9		ug/L		105	80 - 120
Cadmium	100	108.3		ug/L		108	80 - 120
Chromium	100	106.4		ug/L		106	80 - 120
Cobalt	100	105.8		ug/L		106	80 - 120
Copper	100	106.2		ug/L		106	80 - 120
Lead	100	110.3		ug/L		110	80 - 120
Manganese	100	103.3		ug/L		103	80 - 120
Nickel	100	106.5		ug/L		106	80 - 120
Selenium	100	104.1		ug/L		104	80 - 120
Silver	10.0	10.91		ug/L		109	80 - 120
Thallium	100	111.4		ug/L		111	80 - 120
Vanadium	100	105.3		ug/L		105	80 - 120
Zinc	100	109.7		ug/L		110	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-102135/1-A
Matrix: Water
Analysis Batch: 102379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/16/25 19:46	12/16/25 23:20	1

Lab Sample ID: LCS 705-102135/2-A
Matrix: Water
Analysis Batch: 102379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.351		ug/L		109	80 - 120

Method: 350.1 - Nitrogen, Ammonia (Low Level)

Lab Sample ID: MB 705-103475/54
Matrix: Water
Analysis Batch: 103475

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.100	0.0184	mg/L			12/20/25 14:45	1

Lab Sample ID: LCS 705-103475/55
Matrix: Water
Analysis Batch: 103475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.00	2.162		mg/L		108	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Low Level) (Continued)

Lab Sample ID: MB 705-103704/16
Matrix: Water
Analysis Batch: 103704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.100	0.0184	mg/L			12/22/25 19:57	1

Lab Sample ID: MB 705-103704/55
Matrix: Water
Analysis Batch: 103704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.100	0.0184	mg/L			12/22/25 21:41	1

Lab Sample ID: LCS 705-103704/17
Matrix: Water
Analysis Batch: 103704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.00	1.903		mg/L		95	90 - 110

Lab Sample ID: LCS 705-103704/56
Matrix: Water
Analysis Batch: 103704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.00	1.903		mg/L		95	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14368/11
Matrix: Water
Analysis Batch: 14368

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/11/25 13:39	1

Lab Sample ID: LCS 752-14368/14
Matrix: Water
Analysis Batch: 14368

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	0.9869		mg/L		99	90 - 110

Lab Sample ID: LCSD 752-14368/46
Matrix: Water
Analysis Batch: 14368

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	0.9800		mg/L		98	90 - 110	1	10

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 752-40146-1 MS
Matrix: Water
Analysis Batch: 14368

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	ND		1.00	0.9681		mg/L		97	90 - 110		

Lab Sample ID: 752-40146-1 MSD
Matrix: Water
Analysis Batch: 14368

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND		1.00	1.008		mg/L		101	90 - 110	4	10

Lab Sample ID: 752-40146-2 DU
Matrix: Water
Analysis Batch: 14368

Client Sample ID: SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite as N	0.0197	J	0.01780	J	mg/L		10	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 705-102549/104
Matrix: Water
Analysis Batch: 102549

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.0500	0.0141	mg/L			12/18/25 08:27	1
Nitrate Nitrite as N	ND		0.0500	0.0141	mg/L			12/18/25 08:27	1
Nitrate Nitrite as N	ND		0.0500	0.0141	mg/L			12/18/25 08:27	1

Lab Sample ID: MB 705-102549/119
Matrix: Water
Analysis Batch: 102549

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.0500	0.0141	mg/L			12/18/25 09:00	1

Lab Sample ID: LCS 705-102549/14
Matrix: Water
Analysis Batch: 102549

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	0.9981		mg/L		100	90 - 110		

Lab Sample ID: LCS 705-102549/74
Matrix: Water
Analysis Batch: 102549

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	1.016		mg/L		102	90 - 110		

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

Job ID: 752-40146-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 752-40146-1 MS
Matrix: Water
Analysis Batch: 102549

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	ND	F1	1.00	0.02734	J F1	mg/L		3	90 - 110		

Lab Sample ID: 752-40146-1 MSD
Matrix: Water
Analysis Batch: 102549

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	ND	F1	1.00	0.02651	J F1	mg/L		3	90 - 110	3	20

GC/MS VOA

Analysis Batch: 102640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	8260D	
752-40146-2	SW-2	Total/NA	Water	8260D	
752-40146-3	SW-3	Total/NA	Water	8260D	
752-40146-4	SW-4	Total/NA	Water	8260D	
752-40146-5	SW-5	Total/NA	Water	8260D	
752-40146-6	SW-6	Total/NA	Water	8260D	
752-40146-7	SW-7	Total/NA	Water	8260D	
752-40146-8	SW-Dup	Total/NA	Water	8260D	
752-40146-9	Trip Blank 1	Total/NA	Water	8260D	
752-40146-10	Trip Blank 2	Total/NA	Water	8260D	
MB 705-102640/7	Method Blank	Total/NA	Water	8260D	
LCS 705-102640/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102640/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 102900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	8260D	
752-40146-9	Trip Blank 1	Total/NA	Water	8260D	
MB 705-102900/6	Method Blank	Total/NA	Water	8260D	
LCS 705-102900/1004	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	3511	
752-40146-2	SW-2	Total/NA	Water	3511	
752-40146-3	SW-3	Total/NA	Water	3511	
752-40146-4	SW-4	Total/NA	Water	3511	
752-40146-5	SW-5	Total/NA	Water	3511	
752-40146-6	SW-6	Total/NA	Water	3511	
752-40146-7	SW-7	Total/NA	Water	3511	
752-40146-8	SW-Dup	Total/NA	Water	3511	
MB 400-733807/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-733807/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-733807/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 733900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	8270E	733807
752-40146-2	SW-2	Total/NA	Water	8270E	733807
752-40146-3	SW-3	Total/NA	Water	8270E	733807
752-40146-4	SW-4	Total/NA	Water	8270E	733807
752-40146-5	SW-5	Total/NA	Water	8270E	733807
752-40146-6	SW-6	Total/NA	Water	8270E	733807
752-40146-7	SW-7	Total/NA	Water	8270E	733807
752-40146-8	SW-Dup	Total/NA	Water	8270E	733807
MB 400-733807/1-A	Method Blank	Total/NA	Water	8270E	733807
LCS 400-733807/2-A	Lab Control Sample	Total/NA	Water	8270E	733807
LCSD 400-733807/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	733807

GC/MS Semi VOA

Prep Batch: 733986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	3510C	
752-40146-2	SW-2	Total/NA	Water	3510C	
752-40146-3	SW-3	Total/NA	Water	3510C	
752-40146-4	SW-4	Total/NA	Water	3510C	
752-40146-5	SW-5	Total/NA	Water	3510C	
752-40146-6	SW-6	Total/NA	Water	3510C	
752-40146-7	SW-7	Total/NA	Water	3510C	
752-40146-8	SW-Dup	Total/NA	Water	3510C	
MB 400-733986/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-733986/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-733986/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 734280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	8270E SIM ID	733986
752-40146-2	SW-2	Total/NA	Water	8270E SIM ID	733986
752-40146-3	SW-3	Total/NA	Water	8270E SIM ID	733986
752-40146-4	SW-4	Total/NA	Water	8270E SIM ID	733986
752-40146-5	SW-5	Total/NA	Water	8270E SIM ID	733986
752-40146-6	SW-6	Total/NA	Water	8270E SIM ID	733986
752-40146-7	SW-7	Total/NA	Water	8270E SIM ID	733986
752-40146-8	SW-Dup	Total/NA	Water	8270E SIM ID	733986
MB 400-733986/1-A	Method Blank	Total/NA	Water	8270E SIM ID	733986
LCS 400-733986/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	733986
LCSD 400-733986/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	733986

HPLC/IC

Analysis Batch: 102663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-6	SW-6	Total/NA	Water	9056A	
752-40146-7	SW-7	Total/NA	Water	9056A	
MB 705-102663/141	Method Blank	Total/NA	Water	9056A	
LCS 705-102663/142	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 102837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-2	SW-2	Total/NA	Water	9056A	
752-40146-5	SW-5	Total/NA	Water	9056A	
752-40146-8	SW-Dup	Total/NA	Water	9056A	
MB 705-102837/3	Method Blank	Total/NA	Water	9056A	
LCS 705-102837/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 102976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	9056A	
752-40146-3	SW-3	Total/NA	Water	9056A	
752-40146-4	SW-4	Total/NA	Water	9056A	
MB 705-102976/3	Method Blank	Total/NA	Water	9056A	
LCS 705-102976/4	Lab Control Sample	Total/NA	Water	9056A	
752-40146-1 MS	SW-1	Total/NA	Water	9056A	

HPLC/IC (Continued)

Analysis Batch: 102976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1 MSD	SW-1	Total/NA	Water	9056A	

Metals

Prep Batch: 101911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total Recoverable	Water	3005A	
752-40146-2	SW-2	Total Recoverable	Water	3005A	
MB 705-101911/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-101911/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 101914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-3	SW-3	Total Recoverable	Water	3005A	
752-40146-4	SW-4	Total Recoverable	Water	3005A	
752-40146-5	SW-5	Total Recoverable	Water	3005A	
752-40146-6	SW-6	Total Recoverable	Water	3005A	
752-40146-7	SW-7	Total Recoverable	Water	3005A	
752-40146-8	SW-Dup	Total Recoverable	Water	3005A	
MB 705-101914/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-101914/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 102135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	7470A	
752-40146-2	SW-2	Total/NA	Water	7470A	
752-40146-3	SW-3	Total/NA	Water	7470A	
752-40146-4	SW-4	Total/NA	Water	7470A	
752-40146-5	SW-5	Total/NA	Water	7470A	
752-40146-6	SW-6	Total/NA	Water	7470A	
752-40146-7	SW-7	Total/NA	Water	7470A	
752-40146-8	SW-Dup	Total/NA	Water	7470A	
MB 705-102135/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-102135/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 102379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	7470A	102135
752-40146-2	SW-2	Total/NA	Water	7470A	102135
752-40146-3	SW-3	Total/NA	Water	7470A	102135
752-40146-4	SW-4	Total/NA	Water	7470A	102135
752-40146-5	SW-5	Total/NA	Water	7470A	102135
752-40146-6	SW-6	Total/NA	Water	7470A	102135
752-40146-7	SW-7	Total/NA	Water	7470A	102135
752-40146-8	SW-Dup	Total/NA	Water	7470A	102135
MB 705-102135/1-A	Method Blank	Total/NA	Water	7470A	102135
LCS 705-102135/2-A	Lab Control Sample	Total/NA	Water	7470A	102135

Analysis Batch: 102431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total Recoverable	Water	6020B	101911

Metals (Continued)

Analysis Batch: 102431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-2	SW-2	Total Recoverable	Water	6020B	101911
MB 705-101911/1-A	Method Blank	Total Recoverable	Water	6020B	101911
LCS 705-101911/2-A	Lab Control Sample	Total Recoverable	Water	6020B	101911

Analysis Batch: 102719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total Recoverable	Water	6020B	101911
752-40146-2	SW-2	Total Recoverable	Water	6020B	101911

Analysis Batch: 102919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-3	SW-3	Total Recoverable	Water	6020B	101914
752-40146-4	SW-4	Total Recoverable	Water	6020B	101914
752-40146-5	SW-5	Total Recoverable	Water	6020B	101914
752-40146-6	SW-6	Total Recoverable	Water	6020B	101914
752-40146-7	SW-7	Total Recoverable	Water	6020B	101914
752-40146-8	SW-Dup	Total Recoverable	Water	6020B	101914
MB 705-101914/1-A	Method Blank	Total Recoverable	Water	6020B	101914
LCS 705-101914/2-A	Lab Control Sample	Total Recoverable	Water	6020B	101914

General Chemistry

Analysis Batch: 14368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	353.2	
752-40146-2	SW-2	Total/NA	Water	353.2	
752-40146-3	SW-3	Total/NA	Water	353.2	
752-40146-4	SW-4	Total/NA	Water	353.2	
752-40146-5	SW-5	Total/NA	Water	353.2	
752-40146-6	SW-6	Total/NA	Water	353.2	
752-40146-7	SW-7	Total/NA	Water	353.2	
752-40146-8	SW-Dup	Total/NA	Water	353.2	
MB 752-14368/11	Method Blank	Total/NA	Water	353.2	
LCS 752-14368/14	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14368/46	Lab Control Sample Dup	Total/NA	Water	353.2	
752-40146-1 MS	SW-1	Total/NA	Water	353.2	
752-40146-1 MSD	SW-1	Total/NA	Water	353.2	
752-40146-2 DU	SW-2	Total/NA	Water	353.2	

Analysis Batch: 101436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	Nitrate by calc	
752-40146-2	SW-2	Total/NA	Water	Nitrate by calc	
752-40146-3	SW-3	Total/NA	Water	Nitrate by calc	
752-40146-4	SW-4	Total/NA	Water	Nitrate by calc	
752-40146-5	SW-5	Total/NA	Water	Nitrate by calc	
752-40146-6	SW-6	Total/NA	Water	Nitrate by calc	
752-40146-7	SW-7	Total/NA	Water	Nitrate by calc	
752-40146-8	SW-Dup	Total/NA	Water	Nitrate by calc	

General Chemistry

Analysis Batch: 102549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	353.2	
752-40146-2	SW-2	Total/NA	Water	353.2	
752-40146-3	SW-3	Total/NA	Water	353.2	
752-40146-4	SW-4	Total/NA	Water	353.2	
752-40146-5	SW-5	Total/NA	Water	353.2	
752-40146-6	SW-6	Total/NA	Water	353.2	
752-40146-7	SW-7	Total/NA	Water	353.2	
752-40146-8	SW-Dup	Total/NA	Water	353.2	
MB 705-102549/104	Method Blank	Total/NA	Water	353.2	
MB 705-102549/119	Method Blank	Total/NA	Water	353.2	
LCS 705-102549/14	Lab Control Sample	Total/NA	Water	353.2	
LCS 705-102549/74	Lab Control Sample	Total/NA	Water	353.2	
752-40146-1 MS	SW-1	Total/NA	Water	353.2	
752-40146-1 MSD	SW-1	Total/NA	Water	353.2	

Analysis Batch: 103475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-2	SW-2	Total/NA	Water	350.1	
752-40146-3	SW-3	Total/NA	Water	350.1	
752-40146-4	SW-4	Total/NA	Water	350.1	
752-40146-5	SW-5	Total/NA	Water	350.1	
752-40146-6	SW-6	Total/NA	Water	350.1	
752-40146-7	SW-7	Total/NA	Water	350.1	
752-40146-8	SW-Dup	Total/NA	Water	350.1	
MB 705-103475/54	Method Blank	Total/NA	Water	350.1	
LCS 705-103475/55	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 103704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40146-1	SW-1	Total/NA	Water	350.1	
MB 705-103704/16	Method Blank	Total/NA	Water	350.1	
MB 705-103704/55	Method Blank	Total/NA	Water	350.1	
LCS 705-103704/17	Lab Control Sample	Total/NA	Water	350.1	
LCS 705-103704/56	Lab Control Sample	Total/NA	Water	350.1	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: SW-1
Lab Sample ID: 752-40146-1
Date Collected: 12/10/25 13:15
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 17:55
Total/NA	Analysis	8260D		1	102900	AV	EET ATL 1	12/19/25 14:26
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 17:19
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 18:09
Total/NA	Analysis	9056A		1	102976	MS	EET ATL 2	12/19/25 13:02
Total Recoverable	Prep	3005A			101911	SA	EET ATL	12/16/25 07:56
Total Recoverable	Analysis	6020B		1	102431	TT	EET ATL	12/17/25 04:18
Total Recoverable	Prep	3005A			101911	SA	EET ATL	12/16/25 07:56
Total Recoverable	Analysis	6020B		1	102719	TT	EET ATL	12/17/25 21:09
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:12
Total/NA	Analysis	350.1		1	103704	TL	EET ATL	12/22/25 20:37
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:44
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 22:52
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: SW-2
Lab Sample ID: 752-40146-2
Date Collected: 12/10/25 12:50
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 18:17
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 17:52
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 18:30
Total/NA	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 02:36
Total Recoverable	Prep	3005A			101911	SA	EET ATL	12/16/25 07:56
Total Recoverable	Analysis	6020B		1	102431	TT	EET ATL	12/17/25 04:20
Total Recoverable	Prep	3005A			101911	SA	EET ATL	12/16/25 07:56
Total Recoverable	Analysis	6020B		1	102719	TT	EET ATL	12/17/25 21:11
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:16
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 15:38
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:47
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 22:57
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: SW-3
Lab Sample ID: 752-40146-3
Date Collected: 12/10/25 12:05
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 18:39
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 18:24
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 18:52
Total/NA	Analysis	9056A		1	102976	MS	EET ATL 2	12/19/25 14:11
Total Recoverable	Prep	3005A			101914	SA	EET ATL	12/16/25 08:18
Total Recoverable	Analysis	6020B		1	102919	IF	EET ATL	12/18/25 18:27
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:19
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 15:41
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:49
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 22:59
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: SW-4
Lab Sample ID: 752-40146-4
Date Collected: 12/10/25 11:25
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 19:02
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 18:57
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 19:13
Total/NA	Analysis	9056A		1	102976	MS	EET ATL 2	12/19/25 14:22
Total Recoverable	Prep	3005A			101914	SA	EET ATL	12/16/25 08:18
Total Recoverable	Analysis	6020B		1	102919	IF	EET ATL	12/18/25 18:30
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:23
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 15:43
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:50
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 23:01
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: SW-5
Lab Sample ID: 752-40146-5
Date Collected: 12/10/25 11:00
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 19:24
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 19:30

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: SW-5
Lab Sample ID: 752-40146-5
Date Collected: 12/10/25 11:00
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 19:34
Total/NA	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 02:48
Total Recoverable	Prep	3005A			101914	SA	EET ATL	12/16/25 08:18
Total Recoverable	Analysis	6020B		1	102919	IF	EET ATL	12/18/25 18:32
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:26
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 15:46
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:51
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 23:02
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: SW-6
Lab Sample ID: 752-40146-6
Date Collected: 12/10/25 10:00
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 19:47
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 20:03
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 19:56
Total/NA	Analysis	9056A		1	102663	MS	EET ATL	12/19/25 04:50
Total Recoverable	Prep	3005A			101914	SA	EET ATL	12/16/25 08:18
Total Recoverable	Analysis	6020B		1	102919	IF	EET ATL	12/18/25 18:56
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:30
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 15:59
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:51
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 23:04
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: SW-7
Lab Sample ID: 752-40146-7
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 20:09
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 20:36
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 20:17
Total/NA	Analysis	9056A		1	102663	MS	EET ATL	12/19/25 04:39

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Client Sample ID: SW-7
Lab Sample ID: 752-40146-7
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			101914	SA	EET ATL	12/16/25 08:18
Total Recoverable	Analysis	6020B		1	102919	IF	EET ATL	12/18/25 18:58
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:33
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 16:02
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:52
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 23:09
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: SW-Dup
Lab Sample ID: 752-40146-8
Date Collected: 12/10/25 00:00
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 20:32
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 21:10
Total/NA	Prep	3510C			733986	AMM	EET PEN	12/16/25 15:55
Total/NA	Analysis	8270E SIM ID		1	734280	VC1	EET PEN	12/18/25 20:38
Total/NA	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 02:59
Total Recoverable	Prep	3005A			101914	SA	EET ATL	12/16/25 08:18
Total Recoverable	Analysis	6020B		1	102919	IF	EET ATL	12/18/25 19:01
Total/NA	Prep	7470A			102135	TA	EET ATL	12/16/25 19:46
Total/NA	Analysis	7470A		1	102379	TA	EET ATL	12/17/25 00:37
Total/NA	Analysis	350.1		1	103475	TL	EET ATL	12/20/25 16:05
Total/NA	Analysis	353.2		1	14368	RKJ	EET RAL	12/11/25 13:53
Total/NA	Analysis	353.2		1	102549	AA	EET ATL	12/17/25 23:11
Total/NA	Analysis	Nitrate by calc		1	101436	JO	EET ATL	12/12/25 18:32

Client Sample ID: Trip Blank 1
Lab Sample ID: 752-40146-9
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 16:02
Total/NA	Analysis	8260D		1	102900	AV	EET ATL 1	12/19/25 14:04

Client Sample ID: Trip Blank 2
Lab Sample ID: 752-40146-10
Date Collected: 12/10/25 09:25
Matrix: Water
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102640	Y1S	EET ATL 1	12/18/25 15:40

Lab Chronicle

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

Job ID: 752-40146-1

Laboratory References:

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

EET ATL 1 = Eurofins Atlanta Building B, 3785 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

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

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-40146-1
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	12-31-25

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
Nitrate by calc		Water	Nitrate as N

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

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

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

Method Summary

Client: S&ME Inc
Job ID: 752-40146-1
Project/Site: East Durham Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL 1
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia (Low Level)	EPA	EET ATL
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET ATL
353.2	Nitrogen, Nitrite	EPA	EET RAL
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

EET ATL 1 = Eurofins Atlanta Building B, 3785 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

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

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

Sample Summary

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

Job ID: 752-40146-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40146-1	SW-1	Water	12/10/25 13:15	12/10/25 17:15	North Carolina
752-40146-2	SW-2	Water	12/10/25 12:50	12/10/25 17:15	North Carolina
752-40146-3	SW-3	Water	12/10/25 12:05	12/10/25 17:15	North Carolina
752-40146-4	SW-4	Water	12/10/25 11:25	12/10/25 17:15	North Carolina
752-40146-5	SW-5	Water	12/10/25 11:00	12/10/25 17:15	North Carolina
752-40146-6	SW-6	Water	12/10/25 10:00	12/10/25 17:15	North Carolina
752-40146-7	SW-7	Water	12/10/25 09:25	12/10/25 17:15	North Carolina
752-40146-8	SW-Dup	Water	12/10/25 00:00	12/10/25 17:15	North Carolina
752-40146-9	Trip Blank 1	Water	12/10/25 09:25	12/10/25 17:15	North Carolina
752-40146-10	Trip Blank 2	Water	12/10/25 09:25	12/10/25 17:15	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170209-59869.1
Client Contact: Jerry Paul	Phone: (586) 337-7891	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 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

752-40146 COC

Other:

NCDEQ EDuIS
EDDs

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite(48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
SW-1	12/10/25	1315	G	W			X	X	X	X	X	X	X		
SW-2		1250					X	X	X	X	X	X	X		
SW-3		1205					X	X	X	X	X	X	X		
SW-4		1125					X	X	X	X	X	X	X		
SW-5		1100					X	X	X	X	X	X	X		
SW-6		1000					X	X	X	X	X	X	X		
SW-7		0920					X	X	X	X	X	X	X		
SW-DUP		—					X	X	X	X	X	X	X		
TRIP BLANK 1															
TRIP BLANK 2															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-10-25 1715		Brent Kradle	12/10/25 1715	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.8/3.6°C, 4.0/3.8°C, 3.8/3.6°C, 3.6/3.4°C

12/29/2025

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7499 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 #: 752-40146-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/19/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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_SIM_ID_DI/3510C_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SW-1 (752-40146-1)	12/10/25	13.15 Eastern	G	Water			X	X	2	
SW-2 (752-40146-2)	12/10/25	12:50 Eastern	G	Water			X	X	2	
SW-3 (752-40146-3)	12/10/25	12:05 Eastern	G	Water			X	X	2	
SW-4 (752-40146-4)	12/10/25	11 25 Eastern	G	Water			X	X	2	
SW-5 (752-40146-5)	12/10/25	11 00 Eastern	G	Water			X	X	2	
SW-6 (752-40146-6)	12/10/25	10 00 Eastern	G	Water			X	X	2	
SW-7 (752-40146-7)	12/10/25	09 25 Eastern	G	Water			X	X	2	
SW-Dup (752-40146-8)	12/10/25	Eastern	G	Water			X	X	2	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
NR	12/11/25 1700			12/12/25 0910	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks.
		0.3°C/IR9 0.4°C, 0.0°C/IR11

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7496.1
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 #: 752-40146-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/19/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SW-1 (752-40146-1)	12/10/25	13:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-2 (752-40146-2)	12/10/25	12:50 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-3 (752-40146-3)	12/10/25	12:05 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-4 (752-40146-4)	**12/10/25**	**11:25 Eastern**	**G**	**Water**			**X**	**X**	**X**	**X**	**X**	**X**	**X**	**6**	**, Sulfate only**
SW-5 (752-40146-5)	12/10/25	11:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-6 (752-40146-6)	12/10/25	10:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-7 (752-40146-7)	12/10/25	09:25 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-Dup (752-40146-8)	**12/10/25**	**Eastern**	**G**	**Water**			**X**	**X**	**X**	**X**	**X**	**X**	**X**	**6**	**, Sulfate only**
Trip Blank 1 (752-40146-9)	12/10/25	09:25 Eastern	G	Water					X					2	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	12/11/25 1640			12/11/25 1030	
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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40146-1

Login Number: 40146

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: 752-40146-1

Login Number: 40146
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/12/25 03:09 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: 752-40146-1

Login Number: 40146
List Number: 2
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 12/12/25 12:35 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	0.3°C IR8, 0.4, 0.0°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	#3 E 250mL amber jar shattered during transit
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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/29/2025 6:00:44 AM

JOB DESCRIPTION

East Durham Park

JOB NUMBER

752-40145-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
12/29/2025 6:00:44 AM

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

Table of Contents

Definitions/Glossary

Client: S&ME Inc
Job ID: 752-40145-1
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.
E	Result exceeded calibration range.
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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
752-40145-1

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

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

Receipt
The samples were received on 12/10/2025 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.4°C, 3.6°C, 3.6°C and 3.8°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 705-102928 recovered outside control limits for the following analyte: Chloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Chloroethane is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC did not have Chloroethane detected. The data has been qualified and reported. (CCVIS 705-102928/1), (LCS 705-102928/1001) and (LCSD 705-102928/2)

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-101729 recovered outside control limits for the following analytes: Chloroethane, Chloromethane and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 705-101729 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: Bromomethane is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC did not have Bromomethane detected. The data has been qualified and reported. (CCVIS 705-101729/1), (LCS 705-101729/1001) and (LCSD 705-101729/2)

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 705-102618 recovered outside control limits for the following analyte: Chloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-102928 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: SED-6 (752-40145-6). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted due to the nature of the sample matrix: SED-6 (752-40145-6). Elevated reporting limits (RLs) are provided.

Method 8260D: Batch laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) are over scale (E-flagged) for Chloroethane due to limitations of the calibration. Associated samples did not have Chloroethane detected, therefore, data is

reported. (LCS 705-102618/1001) and (LCSD 705-102618/2)

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

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-733673 and analytical batch 400-733790 recovered outside control limits for the following analytes: 2,6-Dinitrotoluene, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol and Caprolactam. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: (LCS 400-733746/2-A) and (MB 400-733746/1-A). These results have been reported and qualified.

Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: SED-1 (752-40145-1), SED-2 (752-40145-2), SED-3 (752-40145-3), SED-4 (752-40145-4), SED-5 (752-40145-5), SED-6 (752-40145-6), SED-7 (752-40145-7) and SED-Dup (752-40145-8). 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_LL: The method blank for preparation batch 705-101906 and analytical batch 705-102374 contained Arsenic and Vanadium above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the method blank; therefore, re-digestino and/or re-analysis of samples was not performed

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

General Chemistry
Method 7199: The following sample was diluted due to the nature of the sample matrix: SED-1 (752-40145-1). Elevated reporting limits (RLs) are provided.

Method 7199: To verify the absence of an interference, EPA Method 7196A requires the sample to be diluted until the matrix spike (MS) recovery is within 85-115%. For this reason, the following samples were diluted: (752-40145-C-1-D MS) and (752-40145-C-1-E MSD). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-40145-1

Client Sample ID: SED-1 — Lab Sample ID: 752-40145-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.326		0.150	0.0332	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0126	J	0.0751	0.00835	mg/Kg	1	☼	8260D	Total/NA
Iodomethane	0.00615	J	0.0150	0.00287	mg/Kg	1	☼	8260D	Total/NA
4-Methyl-2-pentanone (MIBK)	0.00508	J	0.0150	0.00490	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.0511	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.0516	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.0817	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.241	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.255	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.426	J	0.499	0.00211	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.237	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.147	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.259	J	0.499	0.151	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.0524	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.187	J *+	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.314	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.525		0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.209	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.241	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.477	J	0.499	0.0499	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	3.59	J	3.75	1.09	mg/Kg	1	☼	9056A	Soluble
Sulfate	135		15.0	14.7	mg/Kg	1	☼	9056A	Soluble
Antimony	0.360	J F1 F2	0.890	0.203	mg/Kg	5	☼	6020B	Total/NA
Arsenic	2.15	B	0.534	0.0476	mg/Kg	5	☼	6020B	Total/NA
Barium	58.6		2.22	0.0126	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.283	J	0.445	0.0312	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.280	J	0.445	0.0145	mg/Kg	5	☼	6020B	Total/NA
Chromium	13.1	F1	0.890	0.183	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.98		0.667	0.0252	mg/Kg	5	☼	6020B	Total/NA
Copper	41.2		0.445	0.0463	mg/Kg	5	☼	6020B	Total/NA
Lead	55.6		0.445	0.0525	mg/Kg	5	☼	6020B	Total/NA
Manganese	202		0.890	0.0547	mg/Kg	5	☼	6020B	Total/NA
Nickel	20.2	F1	0.890	0.0233	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.259	J	2.22	0.158	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0877	J	0.222	0.00258	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0610	J	0.623	0.0375	mg/Kg	5	☼	6020B	Total/NA
Vanadium	21.6	F1 F2 B	0.890	0.112	mg/Kg	5	☼	6020B	Total/NA
Zinc	151		2.22	1.85	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0271	J	0.142	0.0207	mg/Kg	1	☼	7471B	Total/NA
Ammonia (as N)	2.30		1.47	0.471	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: SED-2 — Lab Sample ID: 752-40145-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.109	J	0.114	0.0252	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.00634	J	0.0570	0.00634	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0241	J	0.431	0.00183	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.151	J *+	0.431	0.0431	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.37	J	3.23	0.937	mg/Kg	1	☼	9056A	Soluble
Sulfate	15.3		12.9	12.7	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.549	B	0.420	0.0374	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SED-2 (Continued)

Lab Sample ID: 752-40145-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	12.7		1.75	0.00989	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0663	J	0.350	0.0245	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0544	J	0.350	0.0114	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.91		0.699	0.144	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.14		0.524	0.0198	mg/Kg	5	☼	6020B	Total/NA
Copper	13.5		0.350	0.0364	mg/Kg	5	☼	6020B	Total/NA
Lead	13.4		0.350	0.0413	mg/Kg	5	☼	6020B	Total/NA
Manganese	65.4		0.699	0.0430	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.93		0.699	0.0183	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0215	J	0.175	0.00203	mg/Kg	5	☼	6020B	Total/NA
Vanadium	8.06	B	0.699	0.0878	mg/Kg	5	☼	6020B	Total/NA
Zinc	40.6		1.75	1.45	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-3

Lab Sample ID: 752-40145-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.103	J	0.111	0.0246	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00170	J	0.00556	0.00109	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.207	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.197	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.314	J	0.434	0.00184	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.212	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.109	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.206	J	0.434	0.132	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0710	J *+	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.279	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.566		0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.173	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.411	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.557		0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.43	J	3.32	0.963	mg/Kg	1	☼	9056A	Soluble
Sulfate	13.7		13.3	13.0	mg/Kg	1	☼	9056A	Soluble
Antimony	0.429	J	0.735	0.168	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.35	B	0.441	0.0393	mg/Kg	5	☼	6020B	Total/NA
Barium	36.7		1.84	0.0104	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.134	J	0.367	0.0257	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.137	J	0.367	0.0120	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.47		0.735	0.151	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.46		0.551	0.0208	mg/Kg	5	☼	6020B	Total/NA
Copper	28.7		0.367	0.0382	mg/Kg	5	☼	6020B	Total/NA
Lead	35.7		0.367	0.0433	mg/Kg	5	☼	6020B	Total/NA
Manganese	177		0.735	0.0452	mg/Kg	5	☼	6020B	Total/NA
Nickel	14.2		0.735	0.0192	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0654	J	0.184	0.00213	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.1	B	0.735	0.0922	mg/Kg	5	☼	6020B	Total/NA
Zinc	102		1.84	1.52	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.512	J	1.24	0.124	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-4

Lab Sample ID: 752-40145-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.354		0.178	0.0394	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-4 (Continued)

Lab Sample ID: 752-40145-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0246	J	0.0892	0.00992	mg/Kg	1	☼	8260D	Total/NA
4-Isopropyltoluene	0.0160		0.00892	0.00606	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00282	J	0.00892	0.00175	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0667	J	0.427	0.00181	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0466	J	0.427	0.0427	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0575	J	0.427	0.0427	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0748	J	0.427	0.0427	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0723	J	0.427	0.0427	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.47	J	3.26	0.945	mg/Kg	1	☼	9056A	Soluble
Sulfate	29.1		13.0	12.8	mg/Kg	1	☼	9056A	Soluble
Antimony	0.238	J	0.781	0.179	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.14	B	0.469	0.0418	mg/Kg	5	☼	6020B	Total/NA
Barium	24.9		1.95	0.0111	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.116	J	0.391	0.0274	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.125	J	0.391	0.0127	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.97		0.781	0.161	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.36		0.586	0.0221	mg/Kg	5	☼	6020B	Total/NA
Copper	17.9		0.391	0.0406	mg/Kg	5	☼	6020B	Total/NA
Lead	29.0		0.391	0.0461	mg/Kg	5	☼	6020B	Total/NA
Manganese	120		0.781	0.0481	mg/Kg	5	☼	6020B	Total/NA
Nickel	12.5		0.781	0.0204	mg/Kg	5	☼	6020B	Total/NA
Silver	0.242		0.195	0.00227	mg/Kg	5	☼	6020B	Total/NA
Vanadium	11.8	B	0.781	0.0981	mg/Kg	5	☼	6020B	Total/NA
Zinc	72.1		1.95	1.62	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.456	J	1.28	0.128	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-5

Lab Sample ID: 752-40145-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0587	J	0.116	0.0257	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0628	J	0.435	0.00184	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0453	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0605	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.116	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0862	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.101	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.29	J	3.41	0.988	mg/Kg	1	☼	9056A	Soluble
Sulfate	23.4		13.6	13.4	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.971	B	0.485	0.0432	mg/Kg	5	☼	6020B	Total/NA
Barium	17.5		2.02	0.0114	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0925	J	0.404	0.0283	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0606	J	0.404	0.0132	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.59		0.808	0.166	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.46		0.606	0.0229	mg/Kg	5	☼	6020B	Total/NA
Copper	10.0		0.404	0.0420	mg/Kg	5	☼	6020B	Total/NA
Lead	26.4		0.404	0.0477	mg/Kg	5	☼	6020B	Total/NA
Manganese	106		0.808	0.0497	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.50		0.808	0.0211	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.259	J	2.02	0.143	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0400	J	0.202	0.00234	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.55	B	0.808	0.101	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-5 (Continued) — Lab Sample ID: 752-40145-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	46.9		2.02	1.68	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-6 — Lab Sample ID: 752-40145-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.0502	J	0.429	0.00182	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0588	J *+	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0720	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0584	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.17	J	3.37	0.977	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.48	B	0.554	0.0494	mg/Kg	5	☼	6020B	Total/NA
Barium	46.5		2.31	0.0131	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.130	J	0.462	0.0324	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.100	J	0.462	0.0151	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.27		0.924	0.190	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.52		0.693	0.0261	mg/Kg	5	☼	6020B	Total/NA
Copper	12.4		0.462	0.0480	mg/Kg	5	☼	6020B	Total/NA
Lead	22.7		0.462	0.0545	mg/Kg	5	☼	6020B	Total/NA
Manganese	81.4		0.924	0.0568	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.2		0.924	0.0242	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0196	J	0.231	0.00268	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.57	B	0.924	0.116	mg/Kg	5	☼	6020B	Total/NA
Zinc	66.1		2.31	1.92	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-7 — Lab Sample ID: 752-40145-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0636	J	0.118	0.0261	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.00852	J	0.0591	0.00657	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0488	J	0.427	0.00181	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0479	J	0.427	0.0427	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0440	J	0.427	0.0427	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.12	J	3.32	0.964	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.578	B	0.512	0.0457	mg/Kg	5	☼	6020B	Total/NA
Barium	13.3		2.13	0.0121	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0585	J	0.427	0.0299	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0365	J	0.427	0.0139	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.84		0.854	0.176	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.97		0.640	0.0242	mg/Kg	5	☼	6020B	Total/NA
Copper	9.25		0.427	0.0444	mg/Kg	5	☼	6020B	Total/NA
Lead	17.2		0.427	0.0504	mg/Kg	5	☼	6020B	Total/NA
Manganese	64.4		0.854	0.0525	mg/Kg	5	☼	6020B	Total/NA
Nickel	6.69		0.854	0.0223	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0162	J	0.213	0.00248	mg/Kg	5	☼	6020B	Total/NA
Vanadium	6.85	B	0.854	0.107	mg/Kg	5	☼	6020B	Total/NA
Zinc	41.5		2.13	1.77	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-Dup — Lab Sample ID: 752-40145-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.293		0.120	0.0265	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0152	J	0.0599	0.00666	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-Dup (Continued)

Lab Sample ID: 752-40145-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0822	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0933	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.152	J	0.466	0.00198	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.115	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0608	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.0572	J F1	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.123	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.198	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0953	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.112	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.192	J	0.466	0.0466	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.47	J	3.64	1.06	mg/Kg	1	☼	9056A	Soluble
Sulfate	45.7		14.6	14.3	mg/Kg	1	☼	9056A	Soluble
Antimony	0.337	J	0.928	0.212	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.44	B	0.557	0.0497	mg/Kg	5	☼	6020B	Total/NA
Barium	37.0		2.32	0.0131	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.150	J	0.464	0.0325	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.144	J	0.464	0.0151	mg/Kg	5	☼	6020B	Total/NA
Chromium	10.8		0.928	0.191	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.68		0.696	0.0263	mg/Kg	5	☼	6020B	Total/NA
Copper	27.9		0.464	0.0483	mg/Kg	5	☼	6020B	Total/NA
Lead	36.0		0.464	0.0548	mg/Kg	5	☼	6020B	Total/NA
Manganese	181		0.928	0.0571	mg/Kg	5	☼	6020B	Total/NA
Nickel	15.3		0.928	0.0243	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0884	J	0.232	0.00269	mg/Kg	5	☼	6020B	Total/NA
Vanadium	13.3	B	0.928	0.117	mg/Kg	5	☼	6020B	Total/NA
Zinc	116		2.32	1.93	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.143	J	1.33	0.133	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-1
Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-1
Matrix: Solid
Percent Solids: 65.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.326**		0.150	0.0332	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Benzene	ND		0.00751	0.00114	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Bromobenzene	ND		0.00751	0.00142	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Bromoform	ND		0.00751	0.00318	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Bromomethane	ND		0.00751	0.00296	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
2-Butanone (MEK)	**0.0126**	**J**	0.0751	0.00835	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Carbon disulfide	ND		0.0150	0.00384	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Carbon tetrachloride	ND		0.00751	0.00142	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Chlorobenzene	ND		0.00751	0.00126	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Chlorobromomethane	ND		0.00751	0.00180	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Chlorodibromomethane	ND		0.00751	0.00119	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Chloroethane	ND	*+	0.0150	0.00284	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Chloroform	ND		0.00751	0.00146	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Chloromethane	ND		0.0150	0.00222	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
2-Chlorotoluene	ND		0.00751	0.00162	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
4-Chlorotoluene	ND		0.00751	0.00164	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
cis-1,2-Dichloroethene	ND		0.00751	0.00180	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
cis-1,3-Dichloropropene	ND		0.00751	0.00176	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2-Dibromo-3-Chloropropane	ND		0.00751	0.00309	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Dibromomethane	ND		0.00751	0.00152	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2-Dichlorobenzene	ND		0.00751	0.00162	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,3-Dichlorobenzene	ND		0.00751	0.00120	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,4-Dichlorobenzene	ND		0.00751	0.00174	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Dichlorobromomethane	ND		0.00751	0.00141	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1-Dichloroethane	ND		0.00751	0.00136	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2-Dichloroethane	ND		0.00751	0.00182	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1-Dichloroethene	ND		0.00751	0.00179	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2-Dichloropropane	ND		0.00751	0.00103	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,3-Dichloropropane	ND		0.00751	0.00173	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
2,2-Dichloropropane	ND		0.00751	0.00174	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1-Dichloropropene	ND		0.00751	0.00153	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Ethyl acetate	ND		0.0777	0.0777	mg/Kg	☼	12/19/25 15:06	12/19/25 15:42	1
Ethylbenzene	ND		0.00751	0.00161	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Ethylene Dibromide	ND		0.00751	0.00131	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Hexachlorobutadiene	ND		0.00751	0.00240	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Hexane	ND		0.0150	0.0150	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
2-Hexanone	ND		0.0150	0.0111	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Iodomethane	**0.00615**	**J**	0.0150	0.00287	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Isopropylbenzene	ND		0.00751	0.00221	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Isopropyl ether	ND		0.0150	0.0150	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
4-Isopropyltoluene	ND		0.00751	0.00511	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Methylene Chloride	ND		0.0300	0.00844	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
4-Methyl-2-pentanone (MIBK)	**0.00508**	**J**	0.0150	0.00490	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Methyl tert-butyl ether	ND		0.00751	0.00263	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
m-Xylene & p-Xylene	ND		0.0150	0.00326	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Naphthalene	ND		0.00751	0.00578	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
n-Butylbenzene	ND		0.00751	0.00264	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
n-Heptane	ND		0.0150	0.0150	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
N-Propylbenzene	ND		0.00751	0.00156	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1

Client Sample ID: SED-1
Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-1
Matrix: Solid
Percent Solids: 65.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00751	0.00198	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
sec-Butylbenzene	ND		0.00751	0.00171	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Styrene	ND		0.00751	0.00381	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
tert-Butylbenzene	ND		0.00751	0.00179	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1,1,2-Tetrachloroethane	ND		0.00751	0.00149	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1,2,2-Tetrachloroethane	ND		0.00751	0.00195	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Tetrachloroethene	ND		0.00751	0.00122	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Toluene	ND		0.00751	0.00147	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
trans-1,4-Dichloro-2-butene	ND		0.0150	0.00757	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
trans-1,2-Dichloroethene	ND		0.00751	0.00182	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
trans-1,3-Dichloropropene	ND		0.00751	0.00155	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2,3-Trichlorobenzene	ND		0.00751	0.00392	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2,4-Trichlorobenzene	ND		0.00751	0.00302	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1,1-Trichloroethane	ND		0.00751	0.00216	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1,2-Trichloroethane	ND		0.00751	0.00135	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Trichloroethene	ND		0.00751	0.00104	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Trichlorofluoromethane	ND		0.00751	0.00284	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2,3-Trichloropropane	ND		0.00751	0.00201	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0150	0.00149	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,2,4-Trimethylbenzene	ND		0.00751	0.00176	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
1,3,5-Trimethylbenzene	ND		0.00751	0.00186	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Vinyl acetate	ND		0.0150	0.00499	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Vinyl chloride	ND		0.0150	0.00248	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1
Xylenes, Total	ND		0.00751	0.00198	mg/Kg	☼	12/14/25 11:12	12/18/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*	*12/14/25 11:12*	*12/18/25 18:53*	*1*
4-Bromofluorobenzene	*102*		*67 - 127*	*12/19/25 15:06*	*12/19/25 15:42*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/14/25 11:12*	*12/18/25 18:53*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/19/25 15:06*	*12/19/25 15:42*	*1*
Toluene-d8 (Surr)	*96*		*71 - 129*	*12/14/25 11:12*	*12/18/25 18:53*	*1*
Toluene-d8 (Surr)	*98*		*71 - 129*	*12/19/25 15:06*	*12/19/25 15:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00364	0.00364	mg/Kg	☼	12/12/25 13:54	12/16/25 20:08	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*10 - 150*	*12/12/25 13:54*	*12/16/25 20:08*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.499	0.0145	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,4,5-Trichlorophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,4,6-Trichlorophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,4-Dichlorophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,4-Dimethylphenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,4-Dinitrophenol	ND		1.50	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,4-Dinitrotoluene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2,6-Dinitrotoluene	ND	*+	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2-Chloronaphthalene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1

Client Sample ID: SED-1
Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-1
Matrix: Solid
Percent Solids: 65.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2-Methylnaphthalene	**0.0511**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2-Methylphenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2-Nitroaniline	ND	*+	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
2-Nitrophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
3 & 4 Methylphenol	ND		0.997	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
3,3'-Dichlorobenzidine	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
3-Nitroaniline	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4,6-Dinitro-2-methylphenol	ND	*+	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4-Bromophenyl phenyl ether	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4-Chloro-3-methylphenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4-Chloroaniline	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4-Chlorophenyl phenyl ether	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4-Nitroaniline	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
4-Nitrophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Acenaphthene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Acenaphthylene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Acetophenone	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Anthracene	**0.0516**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Atrazine	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Benzaldehyde	**0.0817**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Benzo[a]anthracene	**0.241**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Benzo[a]pyrene	**0.255**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Benzo[b]fluoranthene	**0.426**	**J**	0.499	0.00211	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Benzo[g,h,i]perylene	**0.237**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Benzo[k]fluoranthene	**0.147**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
bis (2-chloroisopropyl) ether	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Bis(2-chloroethoxy)methane	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Bis(2-chloroethyl)ether	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Bis(2-ethylhexyl) phthalate	**0.259**	**J**	0.499	0.151	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Butyl benzyl phthalate	**0.0524**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Caprolactam	**0.187**	**J *+**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Carbazole	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Chrysene	**0.314**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Dibenz(a,h)anthracene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Dibenzofuran	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Diethyl phthalate	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Dimethyl phthalate	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Di-n-butyl phthalate	ND		1.50	0.453	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Di-n-octyl phthalate	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Fluoranthene	**0.525**		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Fluorene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Hexachlorobenzene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Hexachlorobutadiene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Hexachlorocyclopentadiene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Hexachloroethane	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Indeno[1,2,3-cd]pyrene	**0.209**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Isophorone	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Naphthalene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1

Client Sample ID: SED-1

Date Collected: 12/10/25 13:15
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-1

Matrix: Solid
Percent Solids: 65.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
N-Nitrosodi-n-propylamine	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
N-Nitrosodiphenylamine	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Pentachlorophenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Phenanthrene	**0.241**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Phenol	ND		0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1
Pyrene	**0.477**	**J**	0.499	0.0499	mg/Kg	☼	12/12/25 14:03	12/16/25 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*40 - 140*	*12/12/25 14:03*	*12/16/25 00:55*	*1*
2-Fluorobiphenyl (Surr)	*98*		*40 - 140*	*12/12/25 14:03*	*12/16/25 00:55*	*1*
2-Fluorophenol (Surr)	*103*		*40 - 140*	*12/12/25 14:03*	*12/16/25 00:55*	*1*
Nitrobenzene-d5 (Surr)	*103*		*40 - 140*	*12/12/25 14:03*	*12/16/25 00:55*	*1*
Phenol-d5 (Surr)	*94*		*40 - 140*	*12/12/25 14:03*	*12/16/25 00:55*	*1*
Terphenyl-d14 (Surr)	*110*		*40 - 140*	*12/12/25 14:03*	*12/16/25 00:55*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**3.59**	**J**	3.75	1.09	mg/Kg	☼		12/19/25 06:15	1
Sulfate	**135**		15.0	14.7	mg/Kg	☼		12/19/25 06:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.360**	**J F1 F2**	0.890	0.203	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Arsenic	**2.15**	**B**	0.534	0.0476	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Barium	**58.6**		2.22	0.0126	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Beryllium	**0.283**	**J**	0.445	0.0312	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Cadmium	**0.280**	**J**	0.445	0.0145	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Chromium	**13.1**	**F1**	0.890	0.183	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Cobalt	**5.98**		0.667	0.0252	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Copper	**41.2**		0.445	0.0463	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Lead	**55.6**		0.445	0.0525	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Manganese	**202**		0.890	0.0547	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Nickel	**20.2**	**F1**	0.890	0.0233	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Selenium	**0.259**	**J**	2.22	0.158	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Silver	**0.0877**	**J**	0.222	0.00258	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Thallium	**0.0610**	**J**	0.623	0.0375	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Vanadium	**21.6**	**F1 F2 B**	0.890	0.112	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5
Zinc	**151**		2.22	1.85	mg/Kg	☼	12/16/25 06:55	12/17/25 01:31	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0271**	**J**	0.142	0.0207	mg/Kg	☼	12/16/25 11:33	12/17/25 10:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND	F1 F2	2.79	0.279	mg/Kg	☼	12/15/25 10:02	12/17/25 22:40	2

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**2.30**		1.47	0.471	mg/Kg	☼		12/19/25 12:55	1

Client Sample ID: SED-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-2
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.109**	**J**	0.114	0.0252	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Benzene	ND		0.00570	0.000862	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Bromobenzene	ND		0.00570	0.00108	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Bromoform	ND		0.00570	0.00242	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Bromomethane	ND		0.00570	0.00225	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
2-Butanone (MEK)	**0.00634**	**J**	0.0570	0.00634	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Carbon disulfide	ND		0.0114	0.00292	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Carbon tetrachloride	ND		0.00570	0.00108	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Chlorobenzene	ND		0.00570	0.000957	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Chlorobromomethane	ND		0.00570	0.00137	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Chlorodibromomethane	ND		0.00570	0.000907	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Chloroethane	ND	*+	0.0114	0.00216	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Chloroform	ND		0.00570	0.00111	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Chloromethane	ND		0.0114	0.00169	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
2-Chlorotoluene	ND		0.00570	0.00123	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
4-Chlorotoluene	ND		0.00570	0.00124	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
cis-1,2-Dichloroethene	ND		0.00570	0.00137	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
cis-1,3-Dichloropropene	ND		0.00570	0.00133	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2-Dibromo-3-Chloropropane	ND		0.00570	0.00235	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Dibromomethane	ND		0.00570	0.00115	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2-Dichlorobenzene	ND		0.00570	0.00123	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,3-Dichlorobenzene	ND		0.00570	0.000908	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,4-Dichlorobenzene	ND		0.00570	0.00132	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Dichlorobromomethane	ND		0.00570	0.00107	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1-Dichloroethane	ND		0.00570	0.00103	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2-Dichloroethane	ND		0.00570	0.00138	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1-Dichloroethene	ND		0.00570	0.00136	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2-Dichloropropane	ND		0.00570	0.000781	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,3-Dichloropropane	ND		0.00570	0.00131	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
2,2-Dichloropropane	ND		0.00570	0.00132	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1-Dichloropropene	ND		0.00570	0.00116	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Ethyl acetate	ND		0.0651	0.0651	mg/Kg	☼	12/19/25 15:06	12/19/25 16:03	1
Ethylbenzene	ND		0.00570	0.00122	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Ethylene Dibromide	ND		0.00570	0.000996	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Hexachlorobutadiene	ND		0.00570	0.00183	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Hexane	ND		0.0114	0.0114	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
2-Hexanone	ND		0.0114	0.00841	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Iodomethane	ND		0.0114	0.00218	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Isopropylbenzene	ND		0.00570	0.00168	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Isopropyl ether	ND		0.0114	0.0114	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
4-Isopropyltoluene	ND		0.00570	0.00388	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Methylene Chloride	ND		0.0228	0.00641	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.0114	0.00372	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Methyl tert-butyl ether	ND		0.00570	0.00200	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
m-Xylene & p-Xylene	ND		0.0114	0.00248	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Naphthalene	ND		0.00570	0.00439	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
n-Butylbenzene	ND		0.00570	0.00201	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
n-Heptane	ND		0.0114	0.0114	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
N-Propylbenzene	ND		0.00570	0.00119	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1

Client Sample ID: SED-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-2
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00570	0.00151	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
sec-Butylbenzene	ND		0.00570	0.00130	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Styrene	ND		0.00570	0.00290	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
tert-Butylbenzene	ND		0.00570	0.00136	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1,1,2-Tetrachloroethane	ND		0.00570	0.00113	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1,2,2-Tetrachloroethane	ND		0.00570	0.00148	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Tetrachloroethene	ND		0.00570	0.000929	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Toluene	ND		0.00570	0.00112	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
trans-1,4-Dichloro-2-butene	ND		0.0114	0.00575	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
trans-1,2-Dichloroethene	ND		0.00570	0.00138	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
trans-1,3-Dichloropropene	ND		0.00570	0.00118	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2,3-Trichlorobenzene	ND		0.00570	0.00298	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2,4-Trichlorobenzene	ND		0.00570	0.00229	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1,1-Trichloroethane	ND		0.00570	0.00164	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1,2-Trichloroethane	ND		0.00570	0.00103	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Trichloroethene	ND		0.00570	0.000792	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Trichlorofluoromethane	ND		0.00570	0.00216	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2,3-Trichloropropane	ND		0.00570	0.00153	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0114	0.00113	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,2,4-Trimethylbenzene	ND		0.00570	0.00133	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
1,3,5-Trimethylbenzene	ND		0.00570	0.00141	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Vinyl acetate	ND		0.0114	0.00379	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Vinyl chloride	ND		0.0114	0.00188	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1
Xylenes, Total	ND		0.00570	0.00151	mg/Kg	☼	12/14/25 11:12	12/18/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 127*	*12/14/25 11:12*	*12/18/25 19:14*	*1*
4-Bromofluorobenzene	*99*		*67 - 127*	*12/19/25 15:06*	*12/19/25 16:03*	*1*
Dibromofluoromethane	*105*		*80 - 119*	*12/14/25 11:12*	*12/18/25 19:14*	*1*
Dibromofluoromethane	*101*		*80 - 119*	*12/19/25 15:06*	*12/19/25 16:03*	*1*
Toluene-d8 (Surr)	*97*		*71 - 129*	*12/14/25 11:12*	*12/18/25 19:14*	*1*
Toluene-d8 (Surr)	*97*		*71 - 129*	*12/19/25 15:06*	*12/19/25 16:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00312	0.00312	mg/Kg	☼	12/12/25 13:54	12/16/25 20:29	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*57*		*10 - 150*	*12/12/25 13:54*	*12/16/25 20:29*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.431	0.0125	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,4,5-Trichlorophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,4,6-Trichlorophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,4-Dichlorophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,4-Dimethylphenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,4-Dinitrophenol	ND		1.29	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,4-Dinitrotoluene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2,6-Dinitrotoluene	ND	*+	0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2-Chloronaphthalene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1

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

Job ID: 752-40145-1

Client Sample ID: SED-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-2
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2-Methylnaphthalene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2-Methylphenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2-Nitroaniline	ND	*+	0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
2-Nitrophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
3 & 4 Methylphenol	ND		0.861	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
3,3'-Dichlorobenzidine	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
3-Nitroaniline	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4,6-Dinitro-2-methylphenol	ND	*+	0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4-Bromophenyl phenyl ether	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4-Chloro-3-methylphenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4-Chloroaniline	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4-Chlorophenyl phenyl ether	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4-Nitroaniline	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
4-Nitrophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Acenaphthene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Acenaphthylene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Acetophenone	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Anthracene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Atrazine	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Benzaldehyde	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Benzo[a]anthracene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Benzo[a]pyrene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Benzo[b]fluoranthene	**0.0241**	**J**	0.431	0.00183	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Benzo[g,h,i]perylene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Benzo[k]fluoranthene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
bis (2-chloroisopropyl) ether	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Bis(2-chloroethoxy)methane	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Bis(2-chloroethyl)ether	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Bis(2-ethylhexyl) phthalate	ND		0.431	0.130	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Butyl benzyl phthalate	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Caprolactam	**0.151**	**J *+**	0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Carbazole	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Chrysene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Dibenz(a,h)anthracene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Dibenzofuran	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Diethyl phthalate	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Dimethyl phthalate	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Di-n-butyl phthalate	ND		1.29	0.391	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Di-n-octyl phthalate	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Fluoranthene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Fluorene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Hexachlorobenzene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Hexachlorobutadiene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Hexachlorocyclopentadiene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Hexachloroethane	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Indeno[1,2,3-cd]pyrene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Isophorone	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Naphthalene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1

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

Job ID: 752-40145-1

Client Sample ID: SED-2
Date Collected: 12/10/25 12:50
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-2
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
N-Nitrosodi-n-propylamine	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
N-Nitrosodiphenylamine	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Pentachlorophenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Phenanthrene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Phenol	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1
Pyrene	ND		0.431	0.0431	mg/Kg	☼	12/12/25 14:03	12/16/25 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*40 - 140*	*12/12/25 14:03*	*12/16/25 01:25*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*12/12/25 14:03*	*12/16/25 01:25*	*1*
2-Fluorophenol (Surr)	*115*		*40 - 140*	*12/12/25 14:03*	*12/16/25 01:25*	*1*
Nitrobenzene-d5 (Surr)	*112*		*40 - 140*	*12/12/25 14:03*	*12/16/25 01:25*	*1*
Phenol-d5 (Surr)	*105*		*40 - 140*	*12/12/25 14:03*	*12/16/25 01:25*	*1*
Terphenyl-d14 (Surr)	*120*		*40 - 140*	*12/12/25 14:03*	*12/16/25 01:25*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.37**	**J**	3.23	0.937	mg/Kg	☼		12/19/25 06:27	1
Sulfate	**15.3**		12.9	12.7	mg/Kg	☼		12/19/25 06:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.699	0.160	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Arsenic	**0.549**	**B**	0.420	0.0374	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Barium	**12.7**		1.75	0.00989	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Beryllium	**0.0663**	**J**	0.350	0.0245	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Cadmium	**0.0544**	**J**	0.350	0.0114	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Chromium	**3.91**		0.699	0.144	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Cobalt	**2.14**		0.524	0.0198	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Copper	**13.5**		0.350	0.0364	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Lead	**13.4**		0.350	0.0413	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Manganese	**65.4**		0.699	0.0430	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Nickel	**7.93**		0.699	0.0183	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Selenium	ND		1.75	0.124	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Silver	**0.0215**	**J**	0.175	0.00203	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Thallium	ND		0.489	0.0295	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Vanadium	**8.06**	**B**	0.699	0.0878	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5
Zinc	**40.6**		1.75	1.45	mg/Kg	☼	12/16/25 06:55	12/17/25 01:40	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.121	0.0176	mg/Kg	☼	12/16/25 11:33	12/17/25 11:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.19	0.119	mg/Kg	☼	12/15/25 10:02	12/17/25 23:18	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.32	0.423	mg/Kg	☼		12/19/25 12:58	1

Client Sample ID: SED-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-3
Matrix: Solid
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.103	J	0.111	0.0246	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Benzene	ND		0.00556	0.000840	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Bromobenzene	ND		0.00556	0.00105	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Bromoform	ND		0.00556	0.00236	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Bromomethane	ND		0.00556	0.00219	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
2-Butanone (MEK)	ND		0.0556	0.00618	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Carbon disulfide	ND		0.0111	0.00284	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Carbon tetrachloride	ND		0.00556	0.00105	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Chlorobenzene	ND		0.00556	0.000932	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Chlorobromomethane	ND		0.00556	0.00133	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Chlorodibromomethane	ND		0.00556	0.000883	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Chloroethane	ND	*+	0.0111	0.00210	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Chloroform	ND		0.00556	0.00108	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Chloromethane	ND	*+	0.0111	0.00164	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
2-Chlorotoluene	ND		0.00556	0.00120	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
4-Chlorotoluene	ND		0.00556	0.00121	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
cis-1,2-Dichloroethene	ND		0.00556	0.00133	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
cis-1,3-Dichloropropene	ND		0.00556	0.00130	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2-Dibromo-3-Chloropropane	ND		0.00556	0.00229	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Dibromomethane	ND		0.00556	0.00112	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2-Dichlorobenzene	ND		0.00556	0.00120	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,3-Dichlorobenzene	ND		0.00556	0.000884	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,4-Dichlorobenzene	ND		0.00556	0.00129	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Dichlorobromomethane	ND		0.00556	0.00104	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1-Dichloroethane	ND		0.00556	0.00101	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2-Dichloroethane	ND		0.00556	0.00134	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1-Dichloroethene	ND		0.00556	0.00132	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2-Dichloropropane	ND		0.00556	0.000761	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,3-Dichloropropane	ND		0.00556	0.00128	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
2,2-Dichloropropane	ND		0.00556	0.00129	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1-Dichloropropene	ND		0.00556	0.00113	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Ethyl acetate	ND		0.0556	0.0556	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Ethylbenzene	ND		0.00556	0.00119	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Ethylene Dibromide	ND		0.00556	0.000970	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Hexachlorobutadiene	ND	*-	0.00556	0.00178	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Hexane	ND		0.0111	0.0111	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
2-Hexanone	ND		0.0111	0.00819	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Iodomethane	ND		0.0111	0.00212	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Isopropylbenzene	ND		0.00556	0.00163	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Isopropyl ether	ND		0.0111	0.0111	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
4-Isopropyltoluene	ND		0.00556	0.00378	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Methylene Chloride	ND		0.0222	0.00624	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.0111	0.00362	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Methyl tert-butyl ether	ND		0.00556	0.00194	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
m-Xylene & p-Xylene	ND		0.0111	0.00241	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Naphthalene	ND		0.00556	0.00428	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
n-Butylbenzene	ND		0.00556	0.00196	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
n-Heptane	ND		0.0111	0.0111	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
N-Propylbenzene	ND		0.00556	0.00116	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1

Client Sample ID: SED-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-3
Matrix: Solid
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00556	0.00147	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
sec-Butylbenzene	ND		0.00556	0.00127	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Styrene	ND		0.00556	0.00282	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
tert-Butylbenzene	ND		0.00556	0.00132	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1,1,2-Tetrachloroethane	ND		0.00556	0.00110	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1,2,2-Tetrachloroethane	ND		0.00556	0.00144	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Tetrachloroethene	ND		0.00556	0.000904	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Toluene	**0.00170**	**J**	0.00556	0.00109	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
trans-1,4-Dichloro-2-butene	ND		0.0111	0.00560	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
trans-1,2-Dichloroethene	ND		0.00556	0.00134	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
trans-1,3-Dichloropropene	ND		0.00556	0.00114	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2,3-Trichlorobenzene	ND		0.00556	0.00290	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2,4-Trichlorobenzene	ND		0.00556	0.00223	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1,1-Trichloroethane	ND		0.00556	0.00160	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1,2-Trichloroethane	ND		0.00556	0.00100	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Trichloroethene	ND		0.00556	0.000771	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Trichlorofluoromethane	ND		0.00556	0.00210	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2,3-Trichloropropane	ND		0.00556	0.00149	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0111	0.00110	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,2,4-Trimethylbenzene	ND		0.00556	0.00130	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
1,3,5-Trimethylbenzene	ND		0.00556	0.00138	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Vinyl acetate	ND		0.0111	0.00369	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Vinyl chloride	ND	*+	0.0111	0.00183	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1
Xylenes, Total	ND		0.00556	0.00147	mg/Kg	☼	12/14/25 11:12	12/15/25 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 127*	*12/14/25 11:12*	*12/15/25 17:36*	*1*
Dibromofluoromethane	*102*		*80 - 119*	*12/14/25 11:12*	*12/15/25 17:36*	*1*
Toluene-d8 (Surr)	*107*		*71 - 129*	*12/14/25 11:12*	*12/15/25 17:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00316	0.00316	mg/Kg	☼	12/12/25 13:54	12/16/25 20:51	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*12/12/25 13:54*	*12/16/25 20:51*	*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		0.434	0.0126	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,4,5-Trichlorophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,4,6-Trichlorophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,4-Dichlorophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,4-Dimethylphenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,4-Dinitrophenol	ND		1.30	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,4-Dinitrotoluene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2,6-Dinitrotoluene	ND	*+	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2-Chloronaphthalene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2-Chlorophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2-Methylnaphthalene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2-Methylphenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1

Client Sample ID: SED-3
Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-3
Matrix: Solid
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
2-Nitrophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
3 & 4 Methylphenol	ND		0.868	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
3,3'-Dichlorobenzidine	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
3-Nitroaniline	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4,6-Dinitro-2-methylphenol	ND	*+	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4-Bromophenyl phenyl ether	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4-Chloro-3-methylphenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4-Chloroaniline	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4-Chlorophenyl phenyl ether	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4-Nitroaniline	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
4-Nitrophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Acenaphthene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Acenaphthylene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Acetophenone	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Anthracene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Atrazine	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Benzaldehyde	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Benzo[a]anthracene	**0.207**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Benzo[a]pyrene	**0.197**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Benzo[b]fluoranthene	**0.314**	**J**	0.434	0.00184	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Benzo[g,h,i]perylene	**0.212**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Benzo[k]fluoranthene	**0.109**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
bis (2-chloroisopropyl) ether	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Bis(2-chloroethoxy)methane	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Bis(2-chloroethyl)ether	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Bis(2-ethylhexyl) phthalate	**0.206**	**J**	0.434	0.132	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Butyl benzyl phthalate	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Caprolactam	**0.0710**	**J *+**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Carbazole	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Chrysene	**0.279**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Dibenz(a,h)anthracene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Dibenzofuran	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Diethyl phthalate	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Dimethyl phthalate	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Di-n-butyl phthalate	ND		1.30	0.395	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Di-n-octyl phthalate	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Fluoranthene	**0.566**		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Fluorene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Hexachlorobenzene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Hexachlorobutadiene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Hexachlorocyclopentadiene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Hexachloroethane	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Indeno[1,2,3-cd]pyrene	**0.173**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Isophorone	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Naphthalene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Nitrobenzene	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
N-Nitrosodi-n-propylamine	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
N-Nitrosodiphenylamine	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1

Client Sample ID: SED-3

Date Collected: 12/10/25 12:05
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-3

Matrix: Solid
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Phenanthrene	**0.411**	**J**	0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Phenol	ND		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1
Pyrene	**0.557**		0.434	0.0434	mg/Kg	☼	12/12/25 14:03	12/17/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*40 - 140*	*12/12/25 14:03*	*12/17/25 13:10*	*1*
2-Fluorobiphenyl (Surr)	*102*		*40 - 140*	*12/12/25 14:03*	*12/17/25 13:10*	*1*
2-Fluorophenol (Surr)	*91*		*40 - 140*	*12/12/25 14:03*	*12/17/25 13:10*	*1*
Nitrobenzene-d5 (Surr)	*134*		*40 - 140*	*12/12/25 14:03*	*12/17/25 13:10*	*1*
Phenol-d5 (Surr)	*87*		*40 - 140*	*12/12/25 14:03*	*12/17/25 13:10*	*1*
Terphenyl-d14 (Surr)	*100*		*40 - 140*	*12/12/25 14:03*	*12/17/25 13:10*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.43**	**J**	3.32	0.963	mg/Kg	☼		12/19/25 06:38	1
Sulfate	**13.7**		13.3	13.0	mg/Kg	☼		12/19/25 06:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.429**	**J**	0.735	0.168	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Arsenic	**1.35**	**B**	0.441	0.0393	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Barium	**36.7**		1.84	0.0104	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Beryllium	**0.134**	**J**	0.367	0.0257	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Cadmium	**0.137**	**J**	0.367	0.0120	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Chromium	**7.47**		0.735	0.151	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Cobalt	**3.46**		0.551	0.0208	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Copper	**28.7**		0.367	0.0382	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Lead	**35.7**		0.367	0.0433	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Manganese	**177**		0.735	0.0452	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Nickel	**14.2**		0.735	0.0192	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Selenium	ND		1.84	0.130	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Silver	**0.0654**	**J**	0.184	0.00213	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Thallium	ND		0.514	0.0310	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Vanadium	**12.1**	**B**	0.735	0.0922	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5
Zinc	**102**		1.84	1.52	mg/Kg	☼	12/16/25 06:55	12/17/25 01:43	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.122	0.0178	mg/Kg	☼	12/16/25 11:33	12/17/25 11:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.512**	**J**	1.24	0.124	mg/Kg	☼	12/15/25 10:02	12/17/25 23:56	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.34	0.429	mg/Kg	☼		12/19/25 13:01	1

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

Job ID: 752-40145-1

Client Sample ID: SED-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-4
Matrix: Solid
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.354**		0.178	0.0394	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Benzene	ND		0.00892	0.00135	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Bromobenzene	ND		0.00892	0.00168	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Bromoform	ND		0.00892	0.00378	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Bromomethane	ND		0.00892	0.00351	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
2-Butanone (MEK)	**0.0246**	**J**	0.0892	0.00992	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Carbon disulfide	ND		0.0178	0.00457	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Carbon tetrachloride	ND		0.00892	0.00169	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Chlorobenzene	ND		0.00892	0.00150	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Chlorobromomethane	ND		0.00892	0.00214	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Chlorodibromomethane	ND		0.00892	0.00142	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Chloroethane	ND	*+	0.0178	0.00337	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Chloroform	ND		0.00892	0.00173	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Chloromethane	ND	*+	0.0178	0.00264	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
2-Chlorotoluene	ND		0.00892	0.00193	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
4-Chlorotoluene	ND		0.00892	0.00194	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
cis-1,2-Dichloroethene	ND		0.00892	0.00214	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
cis-1,3-Dichloropropene	ND		0.00892	0.00209	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2-Dibromo-3-Chloropropane	ND		0.00892	0.00367	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Dibromomethane	ND		0.00892	0.00180	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2-Dichlorobenzene	ND		0.00892	0.00193	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,3-Dichlorobenzene	ND		0.00892	0.00142	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,4-Dichlorobenzene	ND		0.00892	0.00207	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Dichlorobromomethane	ND		0.00892	0.00167	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1-Dichloroethane	ND		0.00892	0.00161	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2-Dichloroethane	ND		0.00892	0.00216	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1-Dichloroethene	ND		0.00892	0.00212	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2-Dichloropropane	ND		0.00892	0.00122	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,3-Dichloropropane	ND		0.00892	0.00205	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
2,2-Dichloropropane	ND		0.00892	0.00207	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1-Dichloropropene	ND		0.00892	0.00182	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Ethyl acetate	ND		0.0892	0.0892	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Ethylbenzene	ND		0.00892	0.00191	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Ethylene Dibromide	ND		0.00892	0.00156	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Hexachlorobutadiene	ND	*-	0.00892	0.00285	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Hexane	ND		0.0178	0.0178	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
2-Hexanone	ND		0.0178	0.0131	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Iodomethane	ND		0.0178	0.00341	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Isopropylbenzene	ND		0.00892	0.00262	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Isopropyl ether	ND		0.0178	0.0178	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
4-Isopropyltoluene	**0.0160**		0.00892	0.00606	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Methylene Chloride	ND		0.0357	0.0100	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.0178	0.00581	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Methyl tert-butyl ether	ND		0.00892	0.00312	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
m-Xylene & p-Xylene	ND		0.0178	0.00387	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Naphthalene	ND		0.00892	0.00687	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
n-Butylbenzene	ND		0.00892	0.00314	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
n-Heptane	ND		0.0178	0.0178	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
N-Propylbenzene	ND		0.00892	0.00186	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1

Client Sample ID: SED-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-4
Matrix: Solid
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00892	0.00235	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
sec-Butylbenzene	ND		0.00892	0.00203	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Styrene	ND		0.00892	0.00453	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
tert-Butylbenzene	ND		0.00892	0.00212	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1,1,2-Tetrachloroethane	ND		0.00892	0.00176	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1,2,2-Tetrachloroethane	ND		0.00892	0.00232	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Tetrachloroethene	ND		0.00892	0.00145	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Toluene	**0.00282**	**J**	0.00892	0.00175	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
trans-1,4-Dichloro-2-butene	ND		0.0178	0.00899	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
trans-1,2-Dichloroethene	ND		0.00892	0.00216	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
trans-1,3-Dichloropropene	ND		0.00892	0.00184	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2,3-Trichlorobenzene	ND		0.00892	0.00466	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2,4-Trichlorobenzene	ND		0.00892	0.00359	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1,1-Trichloroethane	ND		0.00892	0.00257	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1,2-Trichloroethane	ND		0.00892	0.00161	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Trichloroethene	ND		0.00892	0.00124	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Trichlorofluoromethane	ND		0.00892	0.00337	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2,3-Trichloropropane	ND		0.00892	0.00239	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0178	0.00177	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,2,4-Trimethylbenzene	ND		0.00892	0.00209	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
1,3,5-Trimethylbenzene	ND		0.00892	0.00221	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Vinyl acetate	ND		0.0178	0.00592	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Vinyl chloride	ND	*+	0.0178	0.00294	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1
Xylenes, Total	ND		0.00892	0.00235	mg/Kg	☼	12/14/25 11:12	12/15/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 127*	*12/14/25 11:12*	*12/15/25 18:01*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*12/14/25 11:12*	*12/15/25 18:01*	*1*
Toluene-d8 (Surr)	*108*		*71 - 129*	*12/14/25 11:12*	*12/15/25 18:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00313	0.00313	mg/Kg	☼	12/12/25 13:54	12/16/25 21:12	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*53*		*10 - 150*	*12/12/25 13:54*	*12/16/25 21:12*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.427	0.0124	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,4,5-Trichlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,4,6-Trichlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,4-Dichlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,4-Dimethylphenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,4-Dinitrophenol	ND		1.28	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,4-Dinitrotoluene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2,6-Dinitrotoluene	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2-Chloronaphthalene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2-Chlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2-Methylnaphthalene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2-Methylphenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1

Client Sample ID: SED-4
Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-4
Matrix: Solid
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
2-Nitrophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
3 & 4 Methylphenol	ND		0.853	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
3,3'-Dichlorobenzidine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
3-Nitroaniline	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4,6-Dinitro-2-methylphenol	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4-Bromophenyl phenyl ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4-Chloro-3-methylphenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4-Chloroaniline	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4-Chlorophenyl phenyl ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4-Nitroaniline	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
4-Nitrophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Acenaphthene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Acenaphthylene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Acetophenone	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Anthracene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Atrazine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Benzaldehyde	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Benzo[a]anthracene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Benzo[a]pyrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Benzo[b]fluoranthene	**0.0667**	**J**	0.427	0.00181	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Benzo[g,h,i]perylene	**0.0466**	**J**	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Benzo[k]fluoranthene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
bis (2-chloroisopropyl) ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Bis(2-chloroethoxy)methane	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Bis(2-chloroethyl)ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Bis(2-ethylhexyl) phthalate	ND		0.427	0.129	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Butyl benzyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Caprolactam	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Carbazole	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Chrysene	**0.0575**	**J**	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Dibenz(a,h)anthracene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Dibenzofuran	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Diethyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Dimethyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Di-n-butyl phthalate	ND		1.28	0.388	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Di-n-octyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Fluoranthene	**0.0748**	**J**	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Fluorene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Hexachlorobenzene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Hexachlorobutadiene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Hexachlorocyclopentadiene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Hexachloroethane	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Indeno[1,2,3-cd]pyrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Isophorone	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Naphthalene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Nitrobenzene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
N-Nitrosodi-n-propylamine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
N-Nitrosodiphenylamine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1

Client Sample ID: SED-4

Date Collected: 12/10/25 11:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-4

Matrix: Solid
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Phenanthrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Phenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1
Pyrene	**0.0723**	**J**	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*40 - 140*	*12/12/25 14:03*	*12/17/25 16:41*	*1*
2-Fluorobiphenyl (Surr)	*105*		*40 - 140*	*12/12/25 14:03*	*12/17/25 16:41*	*1*
2-Fluorophenol (Surr)	*103*		*40 - 140*	*12/12/25 14:03*	*12/17/25 16:41*	*1*
Nitrobenzene-d5 (Surr)	*139*		*40 - 140*	*12/12/25 14:03*	*12/17/25 16:41*	*1*
Phenol-d5 (Surr)	*95*		*40 - 140*	*12/12/25 14:03*	*12/17/25 16:41*	*1*
Terphenyl-d14 (Surr)	*112*		*40 - 140*	*12/12/25 14:03*	*12/17/25 16:41*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.47**	**J**	3.26	0.945	mg/Kg	☼		12/19/25 06:50	1
Sulfate	**29.1**		13.0	12.8	mg/Kg	☼		12/19/25 06:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.238**	**J**	0.781	0.179	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Arsenic	**1.14**	**B**	0.469	0.0418	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Barium	**24.9**		1.95	0.0111	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Beryllium	**0.116**	**J**	0.391	0.0274	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Cadmium	**0.125**	**J**	0.391	0.0127	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Chromium	**5.97**		0.781	0.161	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Cobalt	**3.36**		0.586	0.0221	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Copper	**17.9**		0.391	0.0406	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Lead	**29.0**		0.391	0.0461	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Manganese	**120**		0.781	0.0481	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Nickel	**12.5**		0.781	0.0204	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Selenium	ND		1.95	0.139	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Silver	**0.242**		0.195	0.00227	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Thallium	ND		0.547	0.0329	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Vanadium	**11.8**	**B**	0.781	0.0981	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5
Zinc	**72.1**		1.95	1.62	mg/Kg	☼	12/16/25 06:55	12/17/25 01:45	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.128	0.0186	mg/Kg	☼	12/16/25 11:33	12/17/25 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.456**	**J**	1.28	0.128	mg/Kg	☼	12/15/25 10:02	12/18/25 00:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.28	0.410	mg/Kg	☼		12/19/25 13:03	1

Client Sample ID: SED-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-5
Matrix: Solid
Percent Solids: 73.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0587	J	0.116	0.0257	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Benzene	ND		0.00582	0.000879	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Bromobenzene	ND		0.00582	0.00110	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Bromoform	ND		0.00582	0.00247	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Bromomethane	ND		0.00582	0.00229	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
2-Butanone (MEK)	ND		0.0582	0.00647	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Carbon disulfide	ND		0.0116	0.00298	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Carbon tetrachloride	ND		0.00582	0.00110	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Chlorobenzene	ND		0.00582	0.000976	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Chlorobromomethane	ND		0.00582	0.00140	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Chlorodibromomethane	ND		0.00582	0.000925	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Chloroethane	ND	*+	0.0116	0.00220	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Chloroform	ND		0.00582	0.00113	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Chloromethane	ND		0.0116	0.00172	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
2-Chlorotoluene	ND		0.00582	0.00126	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
4-Chlorotoluene	ND		0.00582	0.00127	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
cis-1,2-Dichloroethene	ND		0.00582	0.00140	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
cis-1,3-Dichloropropene	ND		0.00582	0.00136	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2-Dibromo-3-Chloropropane	ND		0.00582	0.00240	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Dibromomethane	ND		0.00582	0.00117	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2-Dichlorobenzene	ND		0.00582	0.00126	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,3-Dichlorobenzene	ND		0.00582	0.000926	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,4-Dichlorobenzene	ND		0.00582	0.00135	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Dichlorobromomethane	ND		0.00582	0.00109	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1-Dichloroethane	ND		0.00582	0.00105	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2-Dichloroethane	ND		0.00582	0.00141	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1-Dichloroethene	ND		0.00582	0.00138	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2-Dichloropropane	ND		0.00582	0.000797	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,3-Dichloropropane	ND		0.00582	0.00134	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
2,2-Dichloropropane	ND		0.00582	0.00135	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1-Dichloropropene	ND		0.00582	0.00119	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Ethyl acetate	ND		0.115	0.115	mg/Kg	☼	12/19/25 15:06	12/19/25 18:07	1
Ethylbenzene	ND		0.00582	0.00124	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Ethylene Dibromide	ND		0.00582	0.00102	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Hexachlorobutadiene	ND		0.00582	0.00186	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Hexane	ND		0.0116	0.0116	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
2-Hexanone	ND		0.0116	0.00857	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Iodomethane	ND		0.0116	0.00222	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Isopropylbenzene	ND		0.00582	0.00171	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Isopropyl ether	ND		0.0116	0.0116	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
4-Isopropyltoluene	ND		0.00582	0.00396	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Methylene Chloride	ND		0.0233	0.00654	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
4-Methyl-2-pentanone (MIBK)	ND		0.0116	0.00379	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Methyl tert-butyl ether	ND		0.00582	0.00204	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
m-Xylene & p-Xylene	ND		0.0116	0.00252	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Naphthalene	ND		0.00582	0.00448	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
n-Butylbenzene	ND		0.00582	0.00205	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
n-Heptane	ND		0.0116	0.0116	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
N-Propylbenzene	ND		0.00582	0.00121	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1

Client Sample ID: SED-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-5
Matrix: Solid
Percent Solids: 73.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00582	0.00154	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
sec-Butylbenzene	ND		0.00582	0.00133	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Styrene	ND		0.00582	0.00295	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
tert-Butylbenzene	ND		0.00582	0.00138	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1,1,2-Tetrachloroethane	ND		0.00582	0.00115	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1,2,2-Tetrachloroethane	ND		0.00582	0.00151	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Tetrachloroethene	ND		0.00582	0.000947	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Toluene	ND		0.00582	0.00114	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
trans-1,4-Dichloro-2-butene	ND		0.0116	0.00586	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
trans-1,2-Dichloroethene	ND		0.00582	0.00141	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
trans-1,3-Dichloropropene	ND		0.00582	0.00120	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2,3-Trichlorobenzene	ND		0.00582	0.00304	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2,4-Trichlorobenzene	ND		0.00582	0.00234	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1,1-Trichloroethane	ND		0.00582	0.00168	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1,2-Trichloroethane	ND		0.00582	0.00105	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Trichloroethene	ND		0.00582	0.000807	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Trichlorofluoromethane	ND		0.00582	0.00220	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2,3-Trichloropropane	ND		0.00582	0.00156	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0116	0.00116	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,2,4-Trimethylbenzene	ND		0.00582	0.00136	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
1,3,5-Trimethylbenzene	ND		0.00582	0.00144	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Vinyl acetate	ND		0.0116	0.00386	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Vinyl chloride	ND		0.0116	0.00192	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1
Xylenes, Total	ND		0.00582	0.00154	mg/Kg	☼	12/14/25 11:12	12/18/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 127*	*12/14/25 11:12*	*12/18/25 19:34*	*1*
4-Bromofluorobenzene	*106*		*67 - 127*	*12/19/25 15:06*	*12/19/25 18:07*	*1*
Dibromofluoromethane	*109*		*80 - 119*	*12/14/25 11:12*	*12/18/25 19:34*	*1*
Dibromofluoromethane	*111*		*80 - 119*	*12/19/25 15:06*	*12/19/25 18:07*	*1*
Toluene-d8 (Surr)	*94*		*71 - 129*	*12/14/25 11:12*	*12/18/25 19:34*	*1*
Toluene-d8 (Surr)	*95*		*71 - 129*	*12/19/25 15:06*	*12/19/25 18:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00323	0.00323	mg/Kg	☼	12/12/25 13:54	12/16/25 21:33	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*56*		*10 - 150*	*12/12/25 13:54*	*12/16/25 21:33*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.435	0.0126	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,4,5-Trichlorophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,4,6-Trichlorophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,4-Dichlorophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,4-Dimethylphenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,4-Dinitrophenol	ND		1.30	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,4-Dinitrotoluene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2,6-Dinitrotoluene	ND	*+	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2-Chloronaphthalene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1

Client Sample ID: SED-5
Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-5
Matrix: Solid
Percent Solids: 73.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2-Methylnaphthalene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2-Methylphenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2-Nitroaniline	ND	*+	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
2-Nitrophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
3 & 4 Methylphenol	ND		0.869	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
3,3'-Dichlorobenzidine	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
3-Nitroaniline	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4,6-Dinitro-2-methylphenol	ND	*+	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4-Bromophenyl phenyl ether	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4-Chloro-3-methylphenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4-Chloroaniline	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4-Chlorophenyl phenyl ether	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4-Nitroaniline	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
4-Nitrophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Acenaphthene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Acenaphthylene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Acetophenone	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Anthracene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Atrazine	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Benzaldehyde	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Benzo[a]anthracene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Benzo[a]pyrene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Benzo[b]fluoranthene	**0.0628**	**J**	0.435	0.00184	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Benzo[g,h,i]perylene	**0.0453**	**J**	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Benzo[k]fluoranthene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
bis (2-chloroisopropyl) ether	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Bis(2-chloroethoxy)methane	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Bis(2-chloroethyl)ether	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Bis(2-ethylhexyl) phthalate	ND		0.435	0.132	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Butyl benzyl phthalate	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Caprolactam	ND	*+	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Carbazole	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Chrysene	**0.0605**	**J**	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Dibenz(a,h)anthracene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Dibenzofuran	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Diethyl phthalate	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Dimethyl phthalate	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Di-n-butyl phthalate	ND		1.30	0.395	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Di-n-octyl phthalate	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Fluoranthene	**0.116**	**J**	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Fluorene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Hexachlorobenzene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Hexachlorobutadiene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Hexachlorocyclopentadiene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Hexachloroethane	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Indeno[1,2,3-cd]pyrene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Isophorone	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Naphthalene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1

Client Sample ID: SED-5

Date Collected: 12/10/25 11:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-5

Matrix: Solid
Percent Solids: 73.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
N-Nitrosodi-n-propylamine	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
N-Nitrosodiphenylamine	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Pentachlorophenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Phenanthrene	**0.0862**	**J**	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Phenol	ND		0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1
Pyrene	**0.101**	**J**	0.435	0.0435	mg/Kg	☼	12/12/25 14:03	12/17/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*130*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:11*	*1*
2-Fluorobiphenyl (Surr)	*100*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:11*	*1*
2-Fluorophenol (Surr)	*92*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:11*	*1*
Nitrobenzene-d5 (Surr)	*132*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:11*	*1*
Phenol-d5 (Surr)	*95*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:11*	*1*
Terphenyl-d14 (Surr)	*116*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:11*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.29**	**J**	3.41	0.988	mg/Kg	☼		12/19/25 07:01	1
Sulfate	**23.4**		13.6	13.4	mg/Kg	☼		12/19/25 07:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.808	0.185	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Arsenic	**0.971**	**B**	0.485	0.0432	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Barium	**17.5**		2.02	0.0114	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Beryllium	**0.0925**	**J**	0.404	0.0283	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Cadmium	**0.0606**	**J**	0.404	0.0132	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Chromium	**3.59**		0.808	0.166	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Cobalt	**2.46**		0.606	0.0229	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Copper	**10.0**		0.404	0.0420	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Lead	**26.4**		0.404	0.0477	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Manganese	**106**		0.808	0.0497	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Nickel	**5.50**		0.808	0.0211	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Selenium	**0.259**	**J**	2.02	0.143	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Silver	**0.0400**	**J**	0.202	0.00234	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Thallium	ND		0.566	0.0341	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Vanadium	**7.55**	**B**	0.808	0.101	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5
Zinc	**46.9**		2.02	1.68	mg/Kg	☼	12/16/25 06:55	12/17/25 01:47	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.126	0.0185	mg/Kg	☼	12/16/25 11:33	12/17/25 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.30	0.130	mg/Kg	☼	12/15/25 10:02	12/18/25 00:47	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND	F1	1.38	0.441	mg/Kg	☼		12/19/25 12:13	1

Client Sample ID: SED-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-6
Matrix: Solid
Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	7.98	1.76	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Benzene	ND	F1	0.399	0.0603	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Bromobenzene	ND	F1	0.399	0.0752	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Bromoform	ND	F1	0.399	0.169	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Bromomethane	ND	F1	0.399	0.157	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
2-Butanone (MEK)	ND	F1	3.99	0.443	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Carbon disulfide	ND	F1	0.798	0.204	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Carbon tetrachloride	ND	F1	0.399	0.0755	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Chlorobenzene	ND	F1	0.399	0.0669	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Chlorobromomethane	ND	F1	0.399	0.0957	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Chlorodibromomethane	ND	F1	0.399	0.0634	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Chloroethane	ND	F1	0.798	0.151	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Chloroform	ND	F1	0.399	0.0773	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Chloromethane	ND	F1	0.798	0.118	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
2-Chlorotoluene	ND	F1	0.399	0.0861	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
4-Chlorotoluene	ND	F1	0.399	0.0869	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
cis-1,2-Dichloroethene	ND	F1	0.399	0.0957	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
cis-1,3-Dichloropropene	ND	F1	0.399	0.0933	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2-Dibromo-3-Chloropropane	ND	F1	0.399	0.164	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Dibromomethane	ND	F1	0.399	0.0806	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2-Dichlorobenzene	ND	F1	0.399	0.0861	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,3-Dichlorobenzene	ND	F1	0.399	0.0635	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,4-Dichlorobenzene	ND	F1	0.399	0.0925	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Dichlorobromomethane	ND	F1	0.399	0.0748	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1-Dichloroethane	ND	F1	0.399	0.0722	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2-Dichloroethane	ND	F1	0.399	0.0965	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1-Dichloroethene	ND	F1	0.399	0.0949	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2-Dichloropropane	ND	F1	0.399	0.0546	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,3-Dichloropropane	ND	F1	0.399	0.0917	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
2,2-Dichloropropane	ND	F1	0.399	0.0925	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1-Dichloropropene	ND	F1	0.399	0.0813	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Ethyl acetate	ND	F1	3.99	3.99	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Ethylbenzene	ND	F1	0.399	0.0853	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Ethylene Dibromide	ND	F1	0.399	0.0696	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Hexachlorobutadiene	ND	F1	0.399	0.128	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Hexane	ND	F1	0.798	0.798	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
2-Hexanone	ND	F1	0.798	0.588	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Iodomethane	ND	F1	0.798	0.152	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Isopropylbenzene	ND	F1	0.399	0.117	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Isopropyl ether	ND	F1	0.798	0.798	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
4-Isopropyltoluene	ND	F1	0.399	0.271	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Methylene Chloride	ND	F1	1.60	0.448	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
4-Methyl-2-pentanone (MIBK)	ND	F1	0.798	0.260	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Methyl tert-butyl ether	ND	F1	0.399	0.140	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
m-Xylene & p-Xylene	ND	F1	0.798	0.173	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Naphthalene	ND	F1	0.399	0.307	mg/Kg	☼	12/14/25 11:12	12/22/25 16:56	50
n-Butylbenzene	ND	F1	0.399	0.140	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
n-Heptane	ND	F1	0.798	0.798	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
N-Propylbenzene	ND	F2 F1	0.399	0.0829	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50

Client Sample ID: SED-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-6
Matrix: Solid
Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND	F1	0.399	0.105	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
sec-Butylbenzene	ND	F1	0.399	0.0909	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Styrene	ND	F1	0.399	0.203	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
tert-Butylbenzene	ND	F1	0.399	0.0949	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1,1,2-Tetrachloroethane	ND	F1	0.399	0.0789	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1,2,2-Tetrachloroethane	ND	F1	0.399	0.104	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Tetrachloroethene	ND	F1	0.399	0.0649	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Toluene	ND	F1	0.399	0.0783	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
trans-1,4-Dichloro-2-butene	ND	F1	0.798	0.402	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
trans-1,2-Dichloroethene	ND	F1	0.399	0.0965	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
trans-1,3-Dichloropropene	ND	F1	0.399	0.0821	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2,3-Trichlorobenzene	ND	F1	0.399	0.208	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2,4-Trichlorobenzene	ND	F1	0.399	0.160	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1,1-Trichloroethane	ND	F1	0.399	0.115	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1,2-Trichloroethane	ND	F1	0.399	0.0718	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Trichloroethene	ND	F1	0.399	0.0553	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Trichlorofluoromethane	ND	F1	0.399	0.151	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2,3-Trichloropropane	ND	F1	0.399	0.107	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	0.798	0.0792	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,2,4-Trimethylbenzene	ND	F1	0.399	0.0933	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
1,3,5-Trimethylbenzene	ND	F2 F1	0.399	0.0989	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Vinyl acetate	ND	F1	0.798	0.265	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Vinyl chloride	ND	F1	0.798	0.132	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50
Xylenes, Total	ND	F1	0.399	0.105	mg/Kg	☼	12/14/25 11:12	12/22/25 01:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*67 - 127*	*12/14/25 11:12*	*12/22/25 01:16*	*50*
4-Bromofluorobenzene	*97*		*67 - 127*	*12/14/25 11:12*	*12/22/25 16:56*	*50*
Dibromofluoromethane	*102*		*80 - 119*	*12/14/25 11:12*	*12/22/25 01:16*	*50*
Dibromofluoromethane	*99*		*80 - 119*	*12/14/25 11:12*	*12/22/25 16:56*	*50*
Toluene-d8 (Surr)	*95*		*71 - 129*	*12/14/25 11:12*	*12/22/25 01:16*	*50*
Toluene-d8 (Surr)	*97*		*71 - 129*	*12/14/25 11:12*	*12/22/25 16:56*	*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	ND		0.00321	0.00321	mg/Kg	☼	12/12/25 13:54	12/16/25 21:54	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*50*		*10 - 150*	*12/12/25 13:54*	*12/16/25 21:54*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.429	0.0125	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,4,5-Trichlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,4,6-Trichlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,4-Dichlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,4-Dimethylphenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,4-Dinitrophenol	ND		1.29	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,4-Dinitrotoluene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2,6-Dinitrotoluene	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2-Chloronaphthalene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1

Client Sample ID: SED-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-6
Matrix: Solid
Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2-Methylnaphthalene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2-Methylphenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2-Nitroaniline	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
2-Nitrophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
3 & 4 Methylphenol	ND		0.858	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
3,3'-Dichlorobenzidine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
3-Nitroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4,6-Dinitro-2-methylphenol	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4-Bromophenyl phenyl ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4-Chloro-3-methylphenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4-Chloroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4-Chlorophenyl phenyl ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4-Nitroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
4-Nitrophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Acenaphthene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Acenaphthylene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Acetophenone	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Anthracene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Atrazine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Benzaldehyde	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Benzo[a]anthracene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Benzo[a]pyrene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Benzo[b]fluoranthene	**0.0502**	**J**	0.429	0.00182	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Benzo[g,h,i]perylene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Benzo[k]fluoranthene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
bis (2-chloroisopropyl) ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Bis(2-chloroethoxy)methane	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Bis(2-chloroethyl)ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Bis(2-ethylhexyl) phthalate	ND		0.429	0.130	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Butyl benzyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Caprolactam	**0.0588**	**J *+**	0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Carbazole	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Chrysene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Dibenz(a,h)anthracene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Dibenzofuran	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Diethyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Dimethyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Di-n-butyl phthalate	ND		1.29	0.390	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Di-n-octyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Fluoranthene	**0.0720**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Fluorene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Hexachlorobenzene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Hexachlorobutadiene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Hexachlorocyclopentadiene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Hexachloroethane	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Indeno[1,2,3-cd]pyrene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Isophorone	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Naphthalene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1

Client Sample ID: SED-6
Date Collected: 12/10/25 10:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-6
Matrix: Solid
Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
N-Nitrosodi-n-propylamine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
N-Nitrosodiphenylamine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Pentachlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Phenanthrene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Phenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1
Pyrene	**0.0584**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 14:03	12/17/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:42*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:42*	*1*
2-Fluorophenol (Surr)	*97*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:42*	*1*
Nitrobenzene-d5 (Surr)	*136*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:42*	*1*
Phenol-d5 (Surr)	*95*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:42*	*1*
Terphenyl-d14 (Surr)	*111*		*40 - 140*	*12/12/25 14:03*	*12/17/25 17:42*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.17**	**J**	3.37	0.977	mg/Kg	☼		12/19/25 07:13	1
Sulfate	ND		13.5	13.2	mg/Kg	☼		12/19/25 07:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.924	0.211	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Arsenic	**1.48**	**B**	0.554	0.0494	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Barium	**46.5**		2.31	0.0131	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Beryllium	**0.130**	**J**	0.462	0.0324	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Cadmium	**0.100**	**J**	0.462	0.0151	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Chromium	**5.27**		0.924	0.190	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Cobalt	**3.52**		0.693	0.0261	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Copper	**12.4**		0.462	0.0480	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Lead	**22.7**		0.462	0.0545	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Manganese	**81.4**		0.924	0.0568	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Nickel	**10.2**		0.924	0.0242	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Selenium	ND		2.31	0.164	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Silver	**0.0196**	**J**	0.231	0.00268	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Thallium	ND		0.647	0.0389	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Vanadium	**9.57**	**B**	0.924	0.116	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5
Zinc	**66.1**		2.31	1.92	mg/Kg	☼	12/16/25 06:55	12/17/25 02:04	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.123	0.0179	mg/Kg	☼	12/16/25 11:33	12/17/25 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.31	0.131	mg/Kg	☼	12/15/25 10:02	12/18/25 00:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.33	0.426	mg/Kg	☼		12/19/25 12:23	1

Client Sample ID: SED-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-7
Matrix: Solid
Percent Solids: 75.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0636**	**J**	0.118	0.0261	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Benzene	ND		0.00591	0.000894	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Bromobenzene	ND		0.00591	0.00111	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Bromoform	ND		0.00591	0.00251	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Bromomethane	ND		0.00591	0.00233	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
2-Butanone (MEK)	**0.00852**	**J**	0.0591	0.00657	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Carbon disulfide	ND		0.0118	0.00303	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Carbon tetrachloride	ND		0.00591	0.00112	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Chlorobenzene	ND		0.00591	0.000992	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Chlorobromomethane	ND		0.00591	0.00142	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Chlorodibromomethane	ND		0.00591	0.000940	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Chloroethane	ND	*+	0.0118	0.00223	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Chloroform	ND		0.00591	0.00115	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Chloromethane	ND	*+	0.0118	0.00175	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
2-Chlorotoluene	ND		0.00591	0.00128	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
4-Chlorotoluene	ND		0.00591	0.00129	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
cis-1,2-Dichloroethene	ND		0.00591	0.00142	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
cis-1,3-Dichloropropene	ND		0.00591	0.00138	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2-Dibromo-3-Chloropropane	ND		0.00591	0.00243	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Dibromomethane	ND		0.00591	0.00119	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2-Dichlorobenzene	ND		0.00591	0.00128	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,3-Dichlorobenzene	ND		0.00591	0.000941	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,4-Dichlorobenzene	ND		0.00591	0.00137	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Dichlorobromomethane	ND		0.00591	0.00111	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1-Dichloroethane	ND		0.00591	0.00107	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2-Dichloroethane	ND		0.00591	0.00143	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1-Dichloroethene	ND		0.00591	0.00141	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2-Dichloropropane	ND		0.00591	0.000810	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,3-Dichloropropane	ND		0.00591	0.00136	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
2,2-Dichloropropane	ND		0.00591	0.00137	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1-Dichloropropene	ND		0.00591	0.00121	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Ethyl acetate	ND		0.0591	0.0591	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Ethylbenzene	ND		0.00591	0.00126	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Ethylene Dibromide	ND		0.00591	0.00103	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Hexachlorobutadiene	ND	*-	0.00591	0.00189	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Hexane	ND		0.0118	0.0118	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
2-Hexanone	ND		0.0118	0.00871	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Iodomethane	ND		0.0118	0.00226	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Isopropylbenzene	ND		0.00591	0.00174	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Isopropyl ether	ND		0.0118	0.0118	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
4-Isopropyltoluene	ND		0.00591	0.00402	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Methylene Chloride	ND		0.0236	0.00664	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
4-Methyl-2-pentanone (MIBK)	ND		0.0118	0.00385	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Methyl tert-butyl ether	ND		0.00591	0.00207	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
m-Xylene & p-Xylene	ND		0.0118	0.00256	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Naphthalene	ND		0.00591	0.00455	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
n-Butylbenzene	ND		0.00591	0.00208	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
n-Heptane	ND		0.0118	0.0118	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
N-Propylbenzene	ND		0.00591	0.00123	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1

Client Sample ID: SED-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-7
Matrix: Solid
Percent Solids: 75.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00591	0.00156	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
sec-Butylbenzene	ND		0.00591	0.00135	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Styrene	ND		0.00591	0.00300	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
tert-Butylbenzene	ND		0.00591	0.00141	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1,1,2-Tetrachloroethane	ND		0.00591	0.00117	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1,2,2-Tetrachloroethane	ND		0.00591	0.00154	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Tetrachloroethene	ND		0.00591	0.000962	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Toluene	ND		0.00591	0.00116	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
trans-1,4-Dichloro-2-butene	ND		0.0118	0.00596	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
trans-1,2-Dichloroethene	ND		0.00591	0.00143	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
trans-1,3-Dichloropropene	ND		0.00591	0.00122	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2,3-Trichlorobenzene	ND		0.00591	0.00308	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2,4-Trichlorobenzene	ND		0.00591	0.00238	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1,1-Trichloroethane	ND		0.00591	0.00170	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1,2-Trichloroethane	ND		0.00591	0.00106	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Trichloroethene	ND		0.00591	0.000820	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Trichlorofluoromethane	ND		0.00591	0.00223	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2,3-Trichloropropane	ND		0.00591	0.00158	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0118	0.00117	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,2,4-Trimethylbenzene	ND		0.00591	0.00138	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
1,3,5-Trimethylbenzene	ND		0.00591	0.00147	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Vinyl acetate	ND		0.0118	0.00392	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Vinyl chloride	ND	*+	0.0118	0.00195	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1
Xylenes, Total	ND		0.00591	0.00156	mg/Kg	☼	12/14/25 11:12	12/15/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 127*	*12/14/25 11:12*	*12/15/25 19:16*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*12/14/25 11:12*	*12/15/25 19:16*	*1*
Toluene-d8 (Surr)	*108*		*71 - 129*	*12/14/25 11:12*	*12/15/25 19:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00316	0.00316	mg/Kg	☼	12/12/25 13:54	12/16/25 22:16	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 150*	*12/12/25 13:54*	*12/16/25 22:16*	*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		0.427	0.0124	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,4,5-Trichlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,4,6-Trichlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,4-Dichlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,4-Dimethylphenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,4-Dinitrophenol	ND		1.28	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,4-Dinitrotoluene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2,6-Dinitrotoluene	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2-Chloronaphthalene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2-Chlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2-Methylnaphthalene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2-Methylphenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1

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

Job ID: 752-40145-1

Client Sample ID: SED-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-7
Matrix: Solid
Percent Solids: 75.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
2-Nitrophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
3 & 4 Methylphenol	ND		0.853	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
3,3'-Dichlorobenzidine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
3-Nitroaniline	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4,6-Dinitro-2-methylphenol	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4-Bromophenyl phenyl ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4-Chloro-3-methylphenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4-Chloroaniline	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4-Chlorophenyl phenyl ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4-Nitroaniline	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
4-Nitrophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Acenaphthene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Acenaphthylene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Acetophenone	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Anthracene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Atrazine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Benzaldehyde	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Benzo[a]anthracene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Benzo[a]pyrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Benzo[b]fluoranthene	**0.0488**	**J**	0.427	0.00181	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Benzo[g,h,i]perylene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Benzo[k]fluoranthene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
bis (2-chloroisopropyl) ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Bis(2-chloroethoxy)methane	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Bis(2-chloroethyl)ether	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Bis(2-ethylhexyl) phthalate	ND		0.427	0.129	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Butyl benzyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Caprolactam	ND	*+	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Carbazole	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Chrysene	**0.0479**	**J**	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Dibenz(a,h)anthracene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Dibenzofuran	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Diethyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Dimethyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Di-n-butyl phthalate	ND		1.28	0.388	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Di-n-octyl phthalate	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Fluoranthene	**0.0440**	**J**	0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Fluorene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Hexachlorobenzene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Hexachlorobutadiene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Hexachlorocyclopentadiene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Hexachloroethane	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Indeno[1,2,3-cd]pyrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Isophorone	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Naphthalene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Nitrobenzene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
N-Nitrosodi-n-propylamine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
N-Nitrosodiphenylamine	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1

Client Sample ID: SED-7
Date Collected: 12/10/25 09:25
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-7
Matrix: Solid
Percent Solids: 75.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Phenanthrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Phenol	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1
Pyrene	ND		0.427	0.0427	mg/Kg	☼	12/12/25 14:03	12/17/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*113*		*40 - 140*	*12/12/25 14:03*	*12/17/25 18:12*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*12/12/25 14:03*	*12/17/25 18:12*	*1*
2-Fluorophenol (Surr)	*99*		*40 - 140*	*12/12/25 14:03*	*12/17/25 18:12*	*1*
Nitrobenzene-d5 (Surr)	*134*		*40 - 140*	*12/12/25 14:03*	*12/17/25 18:12*	*1*
Phenol-d5 (Surr)	*95*		*40 - 140*	*12/12/25 14:03*	*12/17/25 18:12*	*1*
Terphenyl-d14 (Surr)	*115*		*40 - 140*	*12/12/25 14:03*	*12/17/25 18:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.12**	**J**	3.32	0.964	mg/Kg	☼		12/19/25 07:24	1
Sulfate	ND		13.3	13.0	mg/Kg	☼		12/19/25 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.854	0.195	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Arsenic	**0.578**	**B**	0.512	0.0457	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Barium	**13.3**		2.13	0.0121	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Beryllium	**0.0585**	**J**	0.427	0.0299	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Cadmium	**0.0365**	**J**	0.427	0.0139	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Chromium	**5.84**		0.854	0.176	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Cobalt	**1.97**		0.640	0.0242	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Copper	**9.25**		0.427	0.0444	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Lead	**17.2**		0.427	0.0504	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Manganese	**64.4**		0.854	0.0525	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Nickel	**6.69**		0.854	0.0223	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Selenium	ND		2.13	0.152	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Silver	**0.0162**	**J**	0.213	0.00248	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Thallium	ND		0.598	0.0360	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Vanadium	**6.85**	**B**	0.854	0.107	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5
Zinc	**41.5**		2.13	1.77	mg/Kg	☼	12/16/25 06:55	12/17/25 02:07	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.128	0.0188	mg/Kg	☼	12/16/25 11:33	12/17/25 11:24	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	☼	12/18/25 09:22	12/20/25 02:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.30	0.414	mg/Kg	☼		12/19/25 13:06	1

Client Sample ID: SED-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-8
Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.293**		0.120	0.0265	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Benzene	ND		0.00599	0.000906	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Bromobenzene	ND		0.00599	0.00113	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Bromoform	ND		0.00599	0.00254	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Bromomethane	ND	*+	0.00599	0.00236	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
2-Butanone (MEK)	**0.0152**	**J**	0.0599	0.00666	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Carbon disulfide	ND		0.0120	0.00307	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Carbon tetrachloride	ND		0.00599	0.00113	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Chlorobenzene	ND		0.00599	0.00101	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Chlorobromomethane	ND		0.00599	0.00144	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Chlorodibromomethane	ND		0.00599	0.000953	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Chloroethane	ND	*+	0.0120	0.00226	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Chloroform	ND		0.00599	0.00116	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Chloromethane	ND		0.0120	0.00177	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
2-Chlorotoluene	ND		0.00599	0.00129	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
4-Chlorotoluene	ND		0.00599	0.00131	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
cis-1,2-Dichloroethene	ND		0.00599	0.00144	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
cis-1,3-Dichloropropene	ND		0.00599	0.00140	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2-Dibromo-3-Chloropropane	ND		0.00599	0.00247	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Dibromomethane	ND		0.00599	0.00121	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2-Dichlorobenzene	ND		0.00599	0.00129	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,3-Dichlorobenzene	ND		0.00599	0.000954	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,4-Dichlorobenzene	ND		0.00599	0.00139	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Dichlorobromomethane	ND		0.00599	0.00112	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1-Dichloroethane	ND		0.00599	0.00108	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2-Dichloroethane	ND		0.00599	0.00145	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1-Dichloroethene	ND		0.00599	0.00143	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2-Dichloropropane	ND		0.00599	0.000821	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,3-Dichloropropane	ND		0.00599	0.00138	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
2,2-Dichloropropane	ND		0.00599	0.00139	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1-Dichloropropene	ND		0.00599	0.00122	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Ethyl acetate	ND		0.0599	0.0599	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Ethylbenzene	ND		0.00599	0.00128	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Ethylene Dibromide	ND		0.00599	0.00105	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Hexachlorobutadiene	ND		0.00599	0.00192	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Hexane	ND		0.0120	0.0120	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
2-Hexanone	ND		0.0120	0.00883	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Iodomethane	ND		0.0120	0.00229	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Isopropylbenzene	ND		0.00599	0.00176	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Isopropyl ether	ND		0.0120	0.0120	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
4-Isopropyltoluene	ND		0.00599	0.00407	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Methylene Chloride	ND		0.0240	0.00673	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.0120	0.00391	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Methyl tert-butyl ether	ND		0.00599	0.00210	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
m-Xylene & p-Xylene	ND		0.0120	0.00260	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Naphthalene	ND		0.00599	0.00461	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
n-Butylbenzene	ND		0.00599	0.00211	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
n-Heptane	ND		0.0120	0.0120	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
N-Propylbenzene	ND		0.00599	0.00125	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1

Client Sample ID: SED-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-8
Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00599	0.00158	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
sec-Butylbenzene	ND		0.00599	0.00137	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Styrene	ND		0.00599	0.00304	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
tert-Butylbenzene	ND		0.00599	0.00143	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1,1,2-Tetrachloroethane	ND		0.00599	0.00119	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1,2,2-Tetrachloroethane	ND		0.00599	0.00156	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Tetrachloroethene	ND		0.00599	0.000975	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Toluene	ND		0.00599	0.00118	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
trans-1,4-Dichloro-2-butene	ND		0.0120	0.00604	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
trans-1,2-Dichloroethene	ND		0.00599	0.00145	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
trans-1,3-Dichloropropene	ND		0.00599	0.00123	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2,3-Trichlorobenzene	ND		0.00599	0.00313	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2,4-Trichlorobenzene	ND		0.00599	0.00241	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1,1-Trichloroethane	ND		0.00599	0.00173	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1,2-Trichloroethane	ND		0.00599	0.00108	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Trichloroethene	ND		0.00599	0.000832	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Trichlorofluoromethane	ND		0.00599	0.00226	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2,3-Trichloropropane	ND		0.00599	0.00161	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0120	0.00119	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,2,4-Trimethylbenzene	ND		0.00599	0.00140	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
1,3,5-Trimethylbenzene	ND		0.00599	0.00149	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Vinyl acetate	ND		0.0120	0.00398	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Vinyl chloride	ND		0.0120	0.00198	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1
Xylenes, Total	ND		0.00599	0.00158	mg/Kg	☼	12/14/25 11:12	12/19/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/14/25 11:12*	*12/19/25 16:44*	*1*
Dibromofluoromethane	*105*		*80 - 119*	*12/14/25 11:12*	*12/19/25 16:44*	*1*
Toluene-d8 (Surr)	*97*		*71 - 129*	*12/14/25 11:12*	*12/19/25 16:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00350	0.00350	mg/Kg	☼	12/12/25 13:54	12/16/25 22:37	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*12/12/25 13:54*	*12/16/25 22:37*	*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		0.466	0.0136	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,4,5-Trichlorophenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,4,6-Trichlorophenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,4-Dichlorophenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,4-Dimethylphenol	ND	F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,4-Dinitrophenol	ND	F1	1.40	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,4-Dinitrotoluene	ND	*+ F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2,6-Dinitrotoluene	ND	*+ F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2-Chloronaphthalene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2-Chlorophenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2-Methylnaphthalene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2-Methylphenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1

Client Sample ID: SED-Dup
Lab Sample ID: 752-40145-8
Date Collected: 12/10/25 00:00
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
2-Nitrophenol	ND	*+ F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
3 & 4 Methylphenol	ND		0.933	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
3,3'-Dichlorobenzidine	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
3-Nitroaniline	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4,6-Dinitro-2-methylphenol	ND	*+ F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4-Bromophenyl phenyl ether	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4-Chloro-3-methylphenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4-Chloroaniline	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4-Chlorophenyl phenyl ether	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4-Nitroaniline	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
4-Nitrophenol	ND	F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Acenaphthene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Acenaphthylene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Acetophenone	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Anthracene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Atrazine	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Benzaldehyde	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Benzo[a]anthracene	**0.0822**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Benzo[a]pyrene	**0.0933**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Benzo[b]fluoranthene	**0.152**	**J**	0.466	0.00198	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Benzo[g,h,i]perylene	**0.115**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Benzo[k]fluoranthene	**0.0608**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
bis (2-chloroisopropyl) ether	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Bis(2-chloroethoxy)methane	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Bis(2-chloroethyl)ether	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Bis(2-ethylhexyl) phthalate	ND	F1	0.466	0.141	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Butyl benzyl phthalate	**0.0572**	**J F1**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Caprolactam	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Carbazole	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Chrysene	**0.123**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Dibenz(a,h)anthracene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Dibenzofuran	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Diethyl phthalate	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Dimethyl phthalate	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Di-n-butyl phthalate	ND		1.40	0.424	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Di-n-octyl phthalate	ND	F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Fluoranthene	**0.198**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Fluorene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Hexachlorobenzene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Hexachlorobutadiene	ND	*+	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Hexachlorocyclopentadiene	ND	*+	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Hexachloroethane	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Indeno[1,2,3-cd]pyrene	**0.0953**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Isophorone	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Naphthalene	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Nitrobenzene	ND	*+ F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
N-Nitrosodi-n-propylamine	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
N-Nitrosodiphenylamine	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1

Client Sample ID: SED-Dup
Date Collected: 12/10/25 00:00
Date Received: 12/10/25 17:15

Lab Sample ID: 752-40145-8
Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND	F1	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Phenanthrene	**0.112**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Phenol	ND		0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1
Pyrene	**0.192**	**J**	0.466	0.0466	mg/Kg	☼	12/13/25 15:23	12/17/25 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*40 - 140*	*12/13/25 15:23*	*12/17/25 15:41*	*1*
2-Fluorobiphenyl (Surr)	*108*		*40 - 140*	*12/13/25 15:23*	*12/17/25 15:41*	*1*
2-Fluorophenol (Surr)	*96*		*40 - 140*	*12/13/25 15:23*	*12/17/25 15:41*	*1*
Nitrobenzene-d5 (Surr)	*135*		*40 - 140*	*12/13/25 15:23*	*12/17/25 15:41*	*1*
Phenol-d5 (Surr)	*93*		*40 - 140*	*12/13/25 15:23*	*12/17/25 15:41*	*1*
Terphenyl-d14 (Surr)	*106*		*40 - 140*	*12/13/25 15:23*	*12/17/25 15:41*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.47**	**J**	3.64	1.06	mg/Kg	☼		12/19/25 07:36	1
Sulfate	**45.7**		14.6	14.3	mg/Kg	☼		12/19/25 07:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.337**	**J**	0.928	0.212	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Arsenic	**1.44**	**B**	0.557	0.0497	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Barium	**37.0**		2.32	0.0131	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Beryllium	**0.150**	**J**	0.464	0.0325	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Cadmium	**0.144**	**J**	0.464	0.0151	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Chromium	**10.8**		0.928	0.191	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Cobalt	**3.68**		0.696	0.0263	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Copper	**27.9**		0.464	0.0483	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Lead	**36.0**		0.464	0.0548	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Manganese	**181**		0.928	0.0571	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Nickel	**15.3**		0.928	0.0243	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Selenium	ND		2.32	0.165	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Silver	**0.0884**	**J**	0.232	0.00269	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Thallium	ND		0.650	0.0391	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Vanadium	**13.3**	**B**	0.928	0.117	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5
Zinc	**116**		2.32	1.93	mg/Kg	☼	12/16/25 06:55	12/17/25 02:09	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.133	0.0194	mg/Kg	☼	12/16/25 11:33	12/17/25 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.143**	**J**	1.33	0.133	mg/Kg	☼	12/18/25 09:22	12/20/25 02:36	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.44	0.461	mg/Kg	☼		12/19/25 13:09	1

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40145-1
Project/Site: East Durham Park

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)
752-40145-1	SED-1	97	100	96
752-40145-1	SED-1	102	100	98
752-40145-2	SED-2	101	105	97
752-40145-2	SED-2	99	101	97
752-40145-3	SED-3	87	102	107
752-40145-4	SED-4	91	106	108
752-40145-5	SED-5	105	109	94
752-40145-5	SED-5	106	111	95
752-40145-6	SED-6	110	102	95
752-40145-6	SED-6	97	99	97
752-40145-6 MS	SED-6	115	101	95
752-40145-6 MSD	SED-6	112	103	96
752-40145-7	SED-7	90	104	108
752-40145-8	SED-Dup	95	105	97
LCS 705-101729/1001	Lab Control Sample	99	101	105
LCS 705-101729/1003	Lab Control Sample	91	104	106
LCS 705-102618/1003	Lab Control Sample	98	100	96
LCS 705-102928/1001	Lab Control Sample	94	82	98
LCS 705-102928/1003	Lab Control Sample	95	99	97
LCS 705-103384/3	Lab Control Sample	102	98	99
LCS 705-103384/4	Lab Control Sample	97	101	99
LCS 705-103682/1004	Lab Control Sample	99	99	100
LCS 705-103682/1005	Lab Control Sample	96	100	98
LCSD 705-101729/2	Lab Control Sample Dup	99	98	106
LCSD 705-101729/4	Lab Control Sample Dup	91	104	106
LCSD 705-102618/2	Lab Control Sample Dup	98	101	101
LCSD 705-102618/4	Lab Control Sample Dup	97	97	94
LCSD 705-102928/2	Lab Control Sample Dup	100	103	100
LCSD 705-102928/4	Lab Control Sample Dup	97	115	99
MB 705-101729/6	Method Blank	93	101	107
MB 705-102618/6	Method Blank	104	99	99
MB 705-102928/6	Method Blank	99	116	98
MB 705-103384/6	Method Blank	97	100	99
MB 705-103682/1006	Method Blank	96	101	100

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-40145-1	SED-1	57	98	103	103	94	110
752-40145-2	SED-2	77	107	115	112	105	120
752-40145-3	SED-3	108	102	91	134	87	100
752-40145-4	SED-4	97	105	103	139	95	112

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40145-1
Project/Site: East Durham Park

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-40145-5	SED-5	130	100	92	132	95	116
752-40145-6	SED-6	63	107	97	136	95	111
752-40145-7	SED-7	113	107	99	134	95	115
752-40145-8	SED-Dup	108	108	96	135	93	106
752-40145-8 MS	SED-Dup	153 S1+	106	93	140	83	106
752-40145-8 MSD	SED-Dup	159 S1+	116	97	145 S1+	90	113
LCS 400-733673/2-A	Lab Control Sample	101	105	113	103	89	110
LCS 400-733746/2-A	Lab Control Sample	171 S1+	112	98	137	87	110
MB 400-733673/1-A	Method Blank	112	118	124	105	99	138
MB 400-733746/1-A	Method Blank	152 S1+	110	98	137	88	107

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: 752-40145-1

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)						
752-40145-1	SED-1	48						
752-40145-2	SED-2	57						
752-40145-3	SED-3	47						
752-40145-4	SED-4	53						
752-40145-5	SED-5	56						
752-40145-6	SED-6	50						
752-40145-7	SED-7	26						
752-40145-8	SED-Dup	47						
LCS 400-733621/2-A	Lab Control Sample	68						
MB 400-733621/1-A	Method Blank	72						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Job ID: 752-40145-1

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

Lab Sample ID: 752-40145-6 MS
Matrix: Solid
Analysis Batch: 103384

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 101546

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	1.60	2.379	J	mg/Kg	☼	NC	32 - 128
Benzene	ND	F1	0.798	0.7745		mg/Kg	☼	97	63 - 126
Bromobenzene	ND	F1	0.798	0.7869		mg/Kg	☼	99	62 - 130
Bromoform	ND	F1	0.798	0.8650		mg/Kg	☼	108	63 - 130
Bromomethane	ND	F1	0.798	0.2824	J F1	mg/Kg	☼	35	50 - 150
2-Butanone (MEK)	ND	F1	1.60	1.639	J	mg/Kg	☼	103	43 - 121
Carbon disulfide	ND	F1	0.798	0.7476	J	mg/Kg	☼	94	40 - 151
Carbon tetrachloride	ND	F1	0.798	0.8119		mg/Kg	☼	102	60 - 127
Chlorobenzene	ND	F1	0.798	0.7845		mg/Kg	☼	98	60 - 128
Chlorobromomethane	ND	F1	0.798	0.8050		mg/Kg	☼	101	68 - 126
Chlorodibromomethane	ND	F1	0.798	0.8281		mg/Kg	☼	104	64 - 128
Chloroethane	ND	F1	0.798	0.3956	J	mg/Kg	☼	50	50 - 150
Chloroform	ND	F1	0.798	0.7711		mg/Kg	☼	97	62 - 123
Chloromethane	ND	F1	0.798	0.5430	J	mg/Kg	☼	68	50 - 150
2-Chlorotoluene	ND	F1	0.798	0.7463		mg/Kg	☼	94	62 - 131
4-Chlorotoluene	ND	F1	0.798	0.7531		mg/Kg	☼	94	67 - 129
cis-1,2-Dichloroethene	ND	F1	0.798	0.7580		mg/Kg	☼	95	63 - 129
cis-1,3-Dichloropropene	ND	F1	0.798	0.6152		mg/Kg	☼	77	64 - 137
1,2-Dibromo-3-Chloropropane	ND	F1	0.798	0.7538		mg/Kg	☼	95	60 - 129
Dibromomethane	ND	F1	0.798	0.8284		mg/Kg	☼	104	71 - 122
1,2-Dichlorobenzene	ND	F1	0.798	0.7749		mg/Kg	☼	97	63 - 126
1,3-Dichlorobenzene	ND	F1	0.798	0.7891		mg/Kg	☼	99	60 - 130
1,4-Dichlorobenzene	ND	F1	0.798	0.7793		mg/Kg	☼	98	61 - 126
Dichlorobromomethane	ND	F1	0.798	0.8148		mg/Kg	☼	102	67 - 124
1,1-Dichloroethane	ND	F1	0.798	0.7968		mg/Kg	☼	100	60 - 127
1,2-Dichloroethane	ND	F1	0.798	0.8397		mg/Kg	☼	105	61 - 126
1,1-Dichloroethene	ND	F1	0.798	0.7593		mg/Kg	☼	95	56 - 130
1,2-Dichloropropane	ND	F1	0.798	0.7767		mg/Kg	☼	97	66 - 126
1,3-Dichloropropane	ND	F1	0.798	0.8367		mg/Kg	☼	105	71 - 126
2,2-Dichloropropane	ND	F1	0.798	0.2388	J F1	mg/Kg	☼	30	56 - 130
1,1-Dichloropropene	ND	F1	0.798	0.7793		mg/Kg	☼	98	66 - 130
Ethyl acetate	ND	F1	1.60	ND		mg/Kg	☼	NC	50 - 150
Ethylbenzene	ND	F1	0.798	0.6443		mg/Kg	☼	81	60 - 133
Ethylene Dibromide	ND	F1	0.798	0.8376		mg/Kg	☼	105	70 - 128
Hexachlorobutadiene	ND	F1	0.798	0.7435		mg/Kg	☼	93	54 - 133
Hexane	ND	F1	0.798	ND		mg/Kg	☼	NC	50 - 150
2-Hexanone	ND	F1	1.60	1.692		mg/Kg	☼	106	41 - 122
Iodomethane	ND	F1	0.798	0.7763	J	mg/Kg	☼	97	50 - 150
Isopropylbenzene	ND	F1	0.798	0.3835	J F1	mg/Kg	☼	48	60 - 136
Isopropyl ether	ND	F1	0.798	ND		mg/Kg	☼	NC	70 - 134
4-Isopropyltoluene	ND	F1	0.798	0.7089		mg/Kg	☼	89	66 - 133
Methylene Chloride	ND	F1	0.798	0.8010	J	mg/Kg	☼	100	56 - 129
4-Methyl-2-pentanone (MIBK)	ND	F1	1.60	1.481		mg/Kg	☼	93	40 - 127
Methyl tert-butyl ether	ND	F1	0.798	0.7905		mg/Kg	☼	99	51 - 131
m-Xylene & p-Xylene	ND	F1	0.798	0.4411	J F1	mg/Kg	☼	55	60 - 132
Naphthalene	ND	F1	0.798	0.6047		mg/Kg	☼	76	52 - 135
n-Butylbenzene	ND	F1	0.798	0.6748		mg/Kg	☼	85	60 - 136
n-Heptane	ND	F1	0.798	ND		mg/Kg	☼	NC	50 - 150

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

Lab Sample ID: 752-40145-6 MS
Matrix: Solid
Analysis Batch: 103384

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 101546

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	ND	F2 F1	0.798	0.7321		mg/Kg	☼	92	63 - 134
o-Xylene	ND	F1	0.798	0.5409		mg/Kg	☼	68	60 - 132
sec-Butylbenzene	ND	F1	0.798	0.7184		mg/Kg	☼	90	65 - 135
Styrene	ND	F1	0.798	0.8736		mg/Kg	☼	110	64 - 133
tert-Butylbenzene	ND	F1	0.798	0.7681		mg/Kg	☼	96	62 - 133
1,1,1,2-Tetrachloroethane	ND	F1	0.798	0.5184		mg/Kg	☼	65	64 - 128
1,1,2,2-Tetrachloroethane	ND	F1	0.798	0.6981		mg/Kg	☼	88	64 - 129
Tetrachloroethene	ND	F1	0.798	1.454	F1	mg/Kg	☼	182	60 - 129
Toluene	ND	F1	0.798	0.7394		mg/Kg	☼	93	61 - 130
trans-1,4-Dichloro-2-butene	ND	F1	0.798	0.4644	J	mg/Kg	☼	58	30 - 170
trans-1,2-Dichloroethene	ND	F1	0.798	0.7408		mg/Kg	☼	93	61 - 128
trans-1,3-Dichloropropene	ND	F1	0.798	0.6090		mg/Kg	☼	76	62 - 136
1,2,3-Trichlorobenzene	ND	F1	0.798	0.7121		mg/Kg	☼	89	57 - 135
1,2,4-Trichlorobenzene	ND	F1	0.798	0.7097		mg/Kg	☼	89	59 - 135
1,1,1-Trichloroethane	ND	F1	0.798	0.7849		mg/Kg	☼	98	61 - 125
1,1,2-Trichloroethane	ND	F1	0.798	0.7471		mg/Kg	☼	94	67 - 130
Trichloroethene	ND	F1	0.798	0.8753		mg/Kg	☼	110	61 - 129
Trichlorofluoromethane	ND	F1	0.798	0.6283		mg/Kg	☼	79	50 - 150
1,2,3-Trichloropropane	ND	F1	0.798	0.6693		mg/Kg	☼	84	66 - 128
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	0.798	0.7315	J	mg/Kg	☼	92	34 - 124
1,2,4-Trimethylbenzene	ND	F1	0.798	0.7543		mg/Kg	☼	95	66 - 130
1,3,5-Trimethylbenzene	ND	F2 F1	0.798	0.4128	F1	mg/Kg	☼	52	64 - 132
Vinyl acetate	ND	F1	1.60	0.9943		mg/Kg	☼	62	50 - 150
Vinyl chloride	ND	F1	0.798	0.5848	J	mg/Kg	☼	73	58 - 134
Xylenes, Total	ND	F1	1.60	0.9820		mg/Kg	☼	62	60 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*115*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*95*		*71 - 129*

Lab Sample ID: 752-40145-6 MSD
Matrix: Solid
Analysis Batch: 103384

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 101546

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	1.60	2.403	J	mg/Kg	☼	NC	32 - 128	1	61
Benzene	ND	F1	0.798	0.7847		mg/Kg	☼	98	63 - 126	1	20
Bromobenzene	ND	F1	0.798	0.8491		mg/Kg	☼	106	62 - 130	8	20
Bromoform	ND	F1	0.798	0.9083		mg/Kg	☼	114	63 - 130	5	20
Bromomethane	ND	F1	0.798	0.2666	J F1	mg/Kg	☼	33	50 - 150	6	100
2-Butanone (MEK)	ND	F1	1.60	1.748	J	mg/Kg	☼	110	43 - 121	6	61
Carbon disulfide	ND	F1	0.798	0.7569	J	mg/Kg	☼	95	40 - 151	1	61
Carbon tetrachloride	ND	F1	0.798	0.8189		mg/Kg	☼	103	60 - 127	1	19
Chlorobenzene	ND	F1	0.798	0.8307		mg/Kg	☼	104	60 - 128	6	20
Chlorobromomethane	ND	F1	0.798	0.8320		mg/Kg	☼	104	68 - 126	3	20
Chlorodibromomethane	ND	F1	0.798	0.8747		mg/Kg	☼	110	64 - 128	5	20
Chloroethane	ND	F1	0.798	0.4755	J	mg/Kg	☼	60	50 - 150	18	100

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

Lab Sample ID: 752-40145-6 MSD
Matrix: Solid
Analysis Batch: 103384

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 101546

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform	ND	F1	0.798	0.7884		mg/Kg	☼	99	62 - 123	2	20
Chloromethane	ND	F1	0.798	0.5367	J	mg/Kg	☼	67	50 - 150	1	100
2-Chlorotoluene	ND	F1	0.798	0.6497		mg/Kg	☼	81	62 - 131	14	20
4-Chlorotoluene	ND	F1	0.798	0.7998		mg/Kg	☼	100	67 - 129	6	20
cis-1,2-Dichloroethene	ND	F1	0.798	0.7795		mg/Kg	☼	98	63 - 129	3	20
cis-1,3-Dichloropropene	ND	F1	0.798	0.6414		mg/Kg	☼	80	64 - 137	4	20
1,2-Dibromo-3-Chloropropane	ND	F1	0.798	0.7532		mg/Kg	☼	94	60 - 129	0	20
Dibromomethane	ND	F1	0.798	0.8613		mg/Kg	☼	108	71 - 122	4	20
1,2-Dichlorobenzene	ND	F1	0.798	0.8082		mg/Kg	☼	101	63 - 126	4	20
1,3-Dichlorobenzene	ND	F1	0.798	0.8317		mg/Kg	☼	104	60 - 130	5	20
1,4-Dichlorobenzene	ND	F1	0.798	0.8304		mg/Kg	☼	104	61 - 126	6	20
Dichlorobromomethane	ND	F1	0.798	0.8376		mg/Kg	☼	105	67 - 124	3	20
1,1-Dichloroethane	ND	F1	0.798	0.7882		mg/Kg	☼	99	60 - 127	1	20
1,2-Dichloroethane	ND	F1	0.798	0.8622		mg/Kg	☼	108	61 - 126	3	20
1,1-Dichloroethene	ND	F1	0.798	0.7843		mg/Kg	☼	98	56 - 130	3	23
1,2-Dichloropropane	ND	F1	0.798	0.7944		mg/Kg	☼	100	66 - 126	2	20
1,3-Dichloropropane	ND	F1	0.798	0.8763		mg/Kg	☼	110	71 - 126	5	20
2,2-Dichloropropane	ND	F1	0.798	0.2447	J F1	mg/Kg	☼	31	56 - 130	2	22
1,1-Dichloropropene	ND	F1	0.798	0.7793		mg/Kg	☼	98	66 - 130	0	20
Ethyl acetate	ND	F1	1.60	ND		mg/Kg	☼	NC	50 - 150	NC	50
Ethylbenzene	ND	F1	0.798	0.7063		mg/Kg	☼	89	60 - 133	9	20
Ethylene Dibromide	ND	F1	0.798	0.8871		mg/Kg	☼	111	70 - 128	6	20
Hexachlorobutadiene	ND	F1	0.798	0.7924		mg/Kg	☼	99	54 - 133	6	21
Hexane	ND	F1	0.798	ND		mg/Kg	☼	NC	50 - 150	NC	50
2-Hexanone	ND	F1	1.60	1.720		mg/Kg	☼	108	41 - 122	2	60
Iodomethane	ND	F1	0.798	0.8158		mg/Kg	☼	102	50 - 150	5	50
Isopropylbenzene	ND	F1	0.798	0.4420	F1	mg/Kg	☼	55	60 - 136	14	20
Isopropyl ether	ND	F1	0.798	ND		mg/Kg	☼	NC	70 - 134	NC	50
4-Isopropyltoluene	ND	F1	0.798	0.7420		mg/Kg	☼	93	66 - 133	5	20
Methylene Chloride	ND	F1	0.798	0.8203	J	mg/Kg	☼	103	56 - 129	2	20
4-Methyl-2-pentanone (MIBK)	ND	F1	1.60	1.567		mg/Kg	☼	98	40 - 127	6	63
Methyl tert-butyl ether	ND	F1	0.798	0.7906		mg/Kg	☼	99	51 - 131	0	30
m-Xylene & p-Xylene	ND	F1	0.798	0.5070	J	mg/Kg	☼	64	60 - 132	14	20
Naphthalene	ND	F1	0.798	0.6286		mg/Kg	☼	79	52 - 135	4	17
n-Butylbenzene	ND	F1	0.798	0.6814		mg/Kg	☼	85	60 - 136	1	20
n-Heptane	ND	F1	0.798	ND		mg/Kg	☼	NC	50 - 150	NC	50
N-Propylbenzene	ND	F2 F1	0.798	0.5600	F2	mg/Kg	☼	70	63 - 134	27	20
o-Xylene	ND	F1	0.798	0.5846		mg/Kg	☼	73	60 - 132	8	20
sec-Butylbenzene	ND	F1	0.798	0.7499		mg/Kg	☼	94	65 - 135	4	20
Styrene	ND	F1	0.798	0.8945		mg/Kg	☼	112	64 - 133	2	20
tert-Butylbenzene	ND	F1	0.798	0.8101		mg/Kg	☼	102	62 - 133	5	20
1,1,1,2-Tetrachloroethane	ND	F1	0.798	0.5444		mg/Kg	☼	68	64 - 128	5	20
1,1,2,2-Tetrachloroethane	ND	F1	0.798	0.7621		mg/Kg	☼	96	64 - 129	9	20
Tetrachloroethene	ND	F1	0.798	1.484	F1	mg/Kg	☼	186	60 - 129	2	20
Toluene	ND	F1	0.798	0.7539		mg/Kg	☼	95	61 - 130	2	20
trans-1,4-Dichloro-2-butene	ND	F1	0.798	0.4649	J	mg/Kg	☼	58	30 - 170	0	100
trans-1,2-Dichloroethene	ND	F1	0.798	0.7604		mg/Kg	☼	95	61 - 128	3	18
trans-1,3-Dichloropropene	ND	F1	0.798	0.6146		mg/Kg	☼	77	62 - 136	1	18
1,2,3-Trichlorobenzene	ND	F1	0.798	0.7148		mg/Kg	☼	90	57 - 135	0	20

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

Lab Sample ID: 752-40145-6 MSD
Matrix: Solid
Analysis Batch: 103384

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 101546

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND	F1	0.798	0.7305		mg/Kg	☼	92	59 - 135	3	20
1,1,1-Trichloroethane	ND	F1	0.798	0.7964		mg/Kg	☼	100	61 - 125	1	18
1,1,2-Trichloroethane	ND	F1	0.798	0.7756		mg/Kg	☼	97	67 - 130	4	20
Trichloroethene	ND	F1	0.798	0.8727		mg/Kg	☼	109	61 - 129	0	20
Trichlorofluoromethane	ND	F1	0.798	0.6655		mg/Kg	☼	83	50 - 150	6	50
1,2,3-Trichloropropane	ND	F1	0.798	0.7157		mg/Kg	☼	90	66 - 128	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	0.798	0.7397	J	mg/Kg	☼	93	34 - 124	1	20
1,2,4-Trimethylbenzene	ND	F1	0.798	0.7797		mg/Kg	☼	98	66 - 130	3	20
1,3,5-Trimethylbenzene	ND	F2 F1	0.798	0.7767	F2	mg/Kg	☼	97	64 - 132	61	20
Vinyl acetate	ND	F1	1.60	1.004		mg/Kg	☼	63	50 - 150	1	50
Vinyl chloride	ND	F1	0.798	0.5932	J	mg/Kg	☼	74	58 - 134	1	19
Xylenes, Total	ND	F1	1.60	1.092		mg/Kg	☼	68	60 - 133	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*112*		*67 - 127*
Dibromofluoromethane	*103*		*80 - 119*
Toluene-d8 (Surr)	*96*		*71 - 129*

Lab Sample ID: MB 705-101729/6
Matrix: Solid
Analysis Batch: 101729

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			12/15/25 13:12	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/15/25 13:12	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/15/25 13:12	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/15/25 13:12	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/15/25 13:12	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/15/25 13:12	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/15/25 13:12	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/15/25 13:12	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/15/25 13:12	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/15/25 13:12	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/15/25 13:12	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/15/25 13:12	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/15/25 13:12	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/15/25 13:12	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			12/15/25 13:12	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/15/25 13:12	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/15/25 13:12	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/15/25 13:12	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/15/25 13:12	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/15/25 13:12	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/15/25 13:12	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/15/25 13:12	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/15/25 13:12	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/15/25 13:12	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/15/25 13:12	1

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

Lab Sample ID: MB 705-101729/6
Matrix: Solid
Analysis Batch: 101729

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/15/25 13:12	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/15/25 13:12	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/15/25 13:12	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/15/25 13:12	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/15/25 13:12	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/15/25 13:12	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/15/25 13:12	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/15/25 13:12	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/15/25 13:12	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/15/25 13:12	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/15/25 13:12	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/15/25 13:12	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/15/25 13:12	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/15/25 13:12	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			12/15/25 13:12	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/15/25 13:12	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/15/25 13:12	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/15/25 13:12	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/15/25 13:12	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/15/25 13:12	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/15/25 13:12	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/15/25 13:12	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/15/25 13:12	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/15/25 13:12	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/15/25 13:12	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/15/25 13:12	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/15/25 13:12	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/15/25 13:12	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/15/25 13:12	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/15/25 13:12	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/15/25 13:12	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/15/25 13:12	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/15/25 13:12	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/15/25 13:12	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/15/25 13:12	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/15/25 13:12	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/15/25 13:12	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/15/25 13:12	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			12/15/25 13:12	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/15/25 13:12	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/15/25 13:12	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/15/25 13:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/15/25 13:12	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/15/25 13:12	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/15/25 13:12	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/15/25 13:12	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/15/25 13:12	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/15/25 13:12	1

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

Lab Sample ID: MB 705-101729/6
Matrix: Solid
Analysis Batch: 101729

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*93*		*67 - 127*		*12/15/25 13:12*	*1*
Dibromofluoromethane	*101*		*80 - 119*		*12/15/25 13:12*	*1*
Toluene-d8 (Surr)	*107*		*71 - 129*		*12/15/25 13:12*	*1*

Lab Sample ID: LCS 705-101729/1001
Matrix: Solid
Analysis Batch: 101729

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	0.09642	J	mg/Kg		96	70 - 131
Benzene	0.0500	0.05275		mg/Kg		105	79 - 120
Bromobenzene	0.0500	0.04565		mg/Kg		91	75 - 118
Bromoform	0.0500	0.04450		mg/Kg		89	71 - 136
Bromomethane	0.0500	0.05943	E	mg/Kg		119	62 - 134
2-Butanone (MEK)	0.100	0.09623		mg/Kg		96	73 - 134
Carbon disulfide	0.0500	0.05616		mg/Kg		112	80 - 127
Carbon tetrachloride	0.0500	0.04686		mg/Kg		94	72 - 132
Chlorobenzene	0.0500	0.04903		mg/Kg		98	80 - 120
Chlorobromomethane	0.0500	0.04903		mg/Kg		98	79 - 122
Chlorodibromomethane	0.0500	0.04910		mg/Kg		98	81 - 123
Chloroethane	0.0500	0.07560	*+	mg/Kg		151	66 - 130
Chloroform	0.0500	0.05455		mg/Kg		109	74 - 120
Chloromethane	0.0500	0.06681	*+	mg/Kg		134	64 - 131
2-Chlorotoluene	0.0500	0.05028		mg/Kg		101	74 - 122
4-Chlorotoluene	0.0500	0.05040		mg/Kg		101	75 - 121
cis-1,2-Dichloroethene	0.0500	0.05329		mg/Kg		107	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04915		mg/Kg		98	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04513		mg/Kg		90	68 - 125
Dibromomethane	0.0500	0.05093		mg/Kg		102	82 - 119
1,2-Dichlorobenzene	0.0500	0.04758		mg/Kg		95	80 - 120
1,3-Dichlorobenzene	0.0500	0.04820		mg/Kg		96	78 - 120
1,4-Dichlorobenzene	0.0500	0.04855		mg/Kg		97	79 - 120
Dichlorobromomethane	0.0500	0.05168		mg/Kg		103	80 - 122
1,1-Dichloroethane	0.0500	0.05554		mg/Kg		111	72 - 123
1,2-Dichloroethane	0.0500	0.05220		mg/Kg		104	73 - 123
1,1-Dichloroethene	0.0500	0.05195		mg/Kg		104	74 - 126
1,2-Dichloropropane	0.0500	0.05408		mg/Kg		108	78 - 122
1,3-Dichloropropane	0.0500	0.05196		mg/Kg		104	82 - 120
2,2-Dichloropropane	0.0500	0.04978		mg/Kg		100	70 - 132
1,1-Dichloropropene	0.0500	0.04679		mg/Kg		94	74 - 126
Ethylbenzene	0.0500	0.05255		mg/Kg		105	80 - 121
Ethylene Dibromide	0.0500	0.04807		mg/Kg		96	82 - 118
Hexachlorobutadiene	0.0500	0.04270		mg/Kg		85	81 - 123
Hexane	0.0500	0.05591		mg/Kg		112	25 - 150
2-Hexanone	0.100	0.1046		mg/Kg		105	81 - 132
Iodomethane	0.0500	0.05444		mg/Kg		109	50 - 150
Isopropylbenzene	0.0500	0.04846		mg/Kg		97	72 - 129
4-Isopropyltoluene	0.0500	0.04940		mg/Kg		99	73 - 131

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

Lab Sample ID: LCS 705-101729/1001
Matrix: Solid
Analysis Batch: 101729

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	0.0500	0.05299		mg/Kg		106	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1033		mg/Kg		103	81 - 135
Methyl tert-butyl ether	0.0500	0.05176		mg/Kg		104	80 - 122
m-Xylene & p-Xylene	0.0500	0.04925		mg/Kg		99	79 - 123
Naphthalene	0.0500	0.04655		mg/Kg		93	66 - 128
n-Butylbenzene	0.0500	0.05300		mg/Kg		106	73 - 132
n-Heptane	0.0500	0.05851		mg/Kg		117	25 - 150
N-Propylbenzene	0.0500	0.05170		mg/Kg		103	74 - 127
o-Xylene	0.0500	0.05108		mg/Kg		102	78 - 122
sec-Butylbenzene	0.0500	0.05053		mg/Kg		101	72 - 131
Styrene	0.0500	0.05034		mg/Kg		101	79 - 128
tert-Butylbenzene	0.0500	0.04784		mg/Kg		96	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04879		mg/Kg		98	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.05320		mg/Kg		106	73 - 121
Tetrachloroethene	0.0500	0.04565		mg/Kg		91	74 - 121
Toluene	0.0500	0.04977		mg/Kg		100	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.05203		mg/Kg		104	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05557		mg/Kg		111	76 - 124
trans-1,3-Dichloropropene	0.0500	0.04935		mg/Kg		99	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04508		mg/Kg		90	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04517		mg/Kg		90	69 - 130
1,1,1-Trichloroethane	0.0500	0.05216		mg/Kg		104	73 - 126
1,1,2-Trichloroethane	0.0500	0.05442		mg/Kg		109	77 - 124
Trichloroethene	0.0500	0.04629		mg/Kg		93	79 - 121
Trichlorofluoromethane	0.0500	0.05252		mg/Kg		105	77 - 128
1,2,3-Trichloropropane	0.0500	0.04790		mg/Kg		96	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04923		mg/Kg		98	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04764		mg/Kg		95	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04974		mg/Kg		99	74 - 128
Vinyl acetate	0.100	0.1036		mg/Kg		104	50 - 150
Vinyl chloride	0.0500	0.07239	*+	mg/Kg		145	68 - 130
Xylenes, Total	0.100	0.1003		mg/Kg		100	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*105*		*71 - 129*

Lab Sample ID: LCS 705-101729/1003
Matrix: Solid
Analysis Batch: 101729

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	0.1094		mg/Kg		109	25 - 150
Isopropyl ether	0.0500	0.05862		mg/Kg		117	50 - 150

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

Lab Sample ID: LCS 705-101729/1003
Matrix: Solid
Analysis Batch: 101729

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*91*		*67 - 127*
Dibromofluoromethane	*104*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: LCSD 705-101729/2
Matrix: Solid
Analysis Batch: 101729

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	0.09540	J	mg/Kg		95	70 - 131	1	50
Benzene			0.0500	0.05226		mg/Kg		105	79 - 120	1	30
Bromobenzene			0.0500	0.04623		mg/Kg		92	75 - 118	1	20
Bromoform			0.0500	0.04427		mg/Kg		89	71 - 136	1	20
Bromomethane			0.0500	0.06152	E	mg/Kg		123	62 - 134	3	90
2-Butanone (MEK)			0.100	0.08650		mg/Kg		86	73 - 134	11	50
Carbon disulfide			0.0500	0.05325		mg/Kg		107	80 - 127	5	50
Carbon tetrachloride			0.0500	0.04625		mg/Kg		92	72 - 132	1	20
Chlorobenzene			0.0500	0.04790		mg/Kg		96	80 - 120	2	30
Chlorobromomethane			0.0500	0.04939		mg/Kg		99	79 - 122	1	20
Chlorodibromomethane			0.0500	0.04706		mg/Kg		94	81 - 123	4	20
Chloroethane			0.0500	0.07394	*+	mg/Kg		148	66 - 130	2	57
Chloroform			0.0500	0.05261		mg/Kg		105	74 - 120	4	20
Chloromethane			0.0500	0.06471		mg/Kg		129	64 - 131	3	99
2-Chlorotoluene			0.0500	0.04923		mg/Kg		98	74 - 122	2	20
4-Chlorotoluene			0.0500	0.04900		mg/Kg		98	75 - 121	3	20
cis-1,2-Dichloroethene			0.0500	0.05228		mg/Kg		105	78 - 122	2	20
cis-1,3-Dichloropropene			0.0500	0.04932		mg/Kg		99	75 - 134	0	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04472		mg/Kg		89	68 - 125	1	20
Dibromomethane			0.0500	0.04918		mg/Kg		98	82 - 119	3	20
1,2-Dichlorobenzene			0.0500	0.04721		mg/Kg		94	80 - 120	1	20
1,3-Dichlorobenzene			0.0500	0.04729		mg/Kg		95	78 - 120	2	20
1,4-Dichlorobenzene			0.0500	0.04686		mg/Kg		94	79 - 120	4	20
Dichlorobromomethane			0.0500	0.05200		mg/Kg		104	80 - 122	1	20
1,1-Dichloroethane			0.0500	0.05476		mg/Kg		110	72 - 123	1	20
1,2-Dichloroethane			0.0500	0.05165		mg/Kg		103	73 - 123	1	20
1,1-Dichloroethene			0.0500	0.04938		mg/Kg		99	74 - 126	5	30
1,2-Dichloropropane			0.0500	0.05432		mg/Kg		109	78 - 122	0	20
1,3-Dichloropropane			0.0500	0.05125		mg/Kg		102	82 - 120	1	20
2,2-Dichloropropane			0.0500	0.04931		mg/Kg		99	70 - 132	1	20
1,1-Dichloropropene			0.0500	0.04672		mg/Kg		93	74 - 126	0	20
Ethylbenzene			0.0500	0.04972		mg/Kg		99	80 - 121	6	30
Ethylene Dibromide			0.0500	0.04768		mg/Kg		95	82 - 118	1	20
Hexachlorobutadiene			0.0500	0.03990	*-	mg/Kg		80	81 - 123	7	20
Hexane			0.0500	0.05312		mg/Kg		106	25 - 150	5	50
2-Hexanone			0.100	0.09982		mg/Kg		100	81 - 132	5	50
Iodomethane			0.0500	0.05178		mg/Kg		104	50 - 150	5	50
Isopropylbenzene			0.0500	0.04740		mg/Kg		95	72 - 129	2	20
4-Isopropyltoluene			0.0500	0.04797		mg/Kg		96	73 - 131	3	20

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

Lab Sample ID: LCSD 705-101729/2
Matrix: Solid
Analysis Batch: 101729

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride			0.0500	0.05299		mg/Kg		106	72 - 122	0	20
4-Methyl-2-pentanone (MIBK)			0.100	0.1007		mg/Kg		101	81 - 135	3	50
Methyl tert-butyl ether			0.0500	0.05128		mg/Kg		103	80 - 122	1	20
m-Xylene & p-Xylene			0.0500	0.04594		mg/Kg		92	79 - 123	7	30
Naphthalene			0.0500	0.04593		mg/Kg		92	66 - 128	1	30
n-Butylbenzene			0.0500	0.05086		mg/Kg		102	73 - 132	4	20
n-Heptane			0.0500	0.05679		mg/Kg		114	25 - 150	3	50
N-Propylbenzene			0.0500	0.05052		mg/Kg		101	74 - 127	2	20
o-Xylene			0.0500	0.04854		mg/Kg		97	78 - 122	5	30
sec-Butylbenzene			0.0500	0.04849		mg/Kg		97	72 - 131	4	20
Styrene			0.0500	0.04838		mg/Kg		97	79 - 128	4	20
tert-Butylbenzene			0.0500	0.04642		mg/Kg		93	73 - 128	3	20
1,1,1,2-Tetrachloroethane			0.0500	0.04939		mg/Kg		99	78 - 124	1	20
1,1,2,2-Tetrachloroethane			0.0500	0.05393		mg/Kg		108	73 - 121	1	20
Tetrachloroethene			0.0500	0.04314		mg/Kg		86	74 - 121	6	20
Toluene			0.0500	0.04980		mg/Kg		100	77 - 123	0	30
trans-1,4-Dichloro-2-butene			0.0500	0.05511		mg/Kg		110	50 - 150	6	50
trans-1,2-Dichloroethene			0.0500	0.05321		mg/Kg		106	76 - 124	4	20
trans-1,3-Dichloropropene			0.0500	0.04953		mg/Kg		99	70 - 131	0	20
1,2,3-Trichlorobenzene			0.0500	0.04411		mg/Kg		88	70 - 128	2	20
1,2,4-Trichlorobenzene			0.0500	0.04171		mg/Kg		83	69 - 130	8	20
1,1,1-Trichloroethane			0.0500	0.04956		mg/Kg		99	73 - 126	5	20
1,1,2-Trichloroethane			0.0500	0.05186		mg/Kg		104	77 - 124	5	20
Trichloroethene			0.0500	0.04459		mg/Kg		89	79 - 121	4	30
Trichlorofluoromethane			0.0500	0.04809		mg/Kg		96	77 - 128	9	50
1,2,3-Trichloropropane			0.0500	0.04812		mg/Kg		96	68 - 125	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04545		mg/Kg		91	80 - 121	8	50
1,2,4-Trimethylbenzene			0.0500	0.04646		mg/Kg		93	75 - 125	3	20
1,3,5-Trimethylbenzene			0.0500	0.04794		mg/Kg		96	74 - 128	4	20
Vinyl acetate			0.100	0.1001		mg/Kg		100	50 - 150	3	50
Vinyl chloride			0.0500	0.06909	*+	mg/Kg		138	68 - 130	5	20
Xylenes, Total			0.100	0.09448		mg/Kg		94	79 - 122	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: LCSD 705-101729/4
Matrix: Solid
Analysis Batch: 101729

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	0.1061		mg/Kg		106	25 - 150	3	50
Isopropyl ether			0.0500	0.05811		mg/Kg		116	50 - 150	1	40

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

Lab Sample ID: LCSD 705-101729/4
Matrix: Solid
Analysis Batch: 101729

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*91*		*67 - 127*
Dibromofluoromethane	*104*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: MB 705-102618/6
Matrix: Solid
Analysis Batch: 102618

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			12/18/25 13:43	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/18/25 13:43	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/18/25 13:43	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/18/25 13:43	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/18/25 13:43	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/18/25 13:43	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/18/25 13:43	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/18/25 13:43	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/18/25 13:43	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/18/25 13:43	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/18/25 13:43	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/18/25 13:43	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/18/25 13:43	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/18/25 13:43	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			12/18/25 13:43	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/18/25 13:43	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/18/25 13:43	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/18/25 13:43	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/18/25 13:43	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/18/25 13:43	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/18/25 13:43	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/18/25 13:43	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/18/25 13:43	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/18/25 13:43	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/18/25 13:43	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/18/25 13:43	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/18/25 13:43	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/18/25 13:43	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/18/25 13:43	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/18/25 13:43	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/18/25 13:43	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/18/25 13:43	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/18/25 13:43	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/18/25 13:43	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/18/25 13:43	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/18/25 13:43	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/18/25 13:43	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/18/25 13:43	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/18/25 13:43	1

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

Lab Sample ID: MB 705-102618/6
Matrix: Solid
Analysis Batch: 102618

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		0.0100	0.0100	mg/Kg			12/18/25 13:43	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/18/25 13:43	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/18/25 13:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/18/25 13:43	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/18/25 13:43	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/18/25 13:43	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/18/25 13:43	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/18/25 13:43	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/18/25 13:43	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/18/25 13:43	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/18/25 13:43	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/18/25 13:43	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/18/25 13:43	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/18/25 13:43	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/18/25 13:43	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/18/25 13:43	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/18/25 13:43	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/18/25 13:43	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/18/25 13:43	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/18/25 13:43	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/18/25 13:43	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/18/25 13:43	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/18/25 13:43	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/18/25 13:43	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			12/18/25 13:43	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/18/25 13:43	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/18/25 13:43	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/18/25 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/18/25 13:43	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/18/25 13:43	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/18/25 13:43	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/18/25 13:43	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/18/25 13:43	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/18/25 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 127*		*12/18/25 13:43*	*1*
Dibromofluoromethane	*99*		*80 - 119*		*12/18/25 13:43*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*		*12/18/25 13:43*	*1*

Lab Sample ID: LCS 705-102618/1003
Matrix: Solid
Analysis Batch: 102618

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	0.07751		mg/Kg		78	25 - 150		
Isopropyl ether			0.0500	0.05820		mg/Kg		116	50 - 150		

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

Lab Sample ID: LCS 705-102618/1003
Matrix: Solid
Analysis Batch: 102618

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*98*		*67 - 127*
Dibromofluoromethane	*100*		*80 - 119*
Toluene-d8 (Surr)	*96*		*71 - 129*

Lab Sample ID: LCSD 705-102618/2
Matrix: Solid
Analysis Batch: 102618

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	0.07163	J	mg/Kg		72	70 - 131	20	50
Benzene			0.0500	0.04825		mg/Kg		96	79 - 120	11	30
Bromobenzene			0.0500	0.04706		mg/Kg		94	75 - 118	4	20
Bromoform			0.0500	0.04852		mg/Kg		97	71 - 136	12	20
Bromomethane			0.0500	0.05061		mg/Kg		101	62 - 134	13	90
2-Butanone (MEK)			0.100	0.08907		mg/Kg		89	73 - 134	5	50
Carbon disulfide			0.0500	0.04061		mg/Kg		81	80 - 127	11	50
Carbon tetrachloride			0.0500	0.05493		mg/Kg		110	72 - 132	18	20
Chlorobenzene			0.0500	0.04876		mg/Kg		98	80 - 120	10	30
Chlorobromomethane			0.0500	0.05124		mg/Kg		102	79 - 122	9	20
Chlorodibromomethane			0.0500	0.04981		mg/Kg		100	81 - 123	10	20
Chloroethane			0.0500	0.07866	*+ E	mg/Kg		157	66 - 130	8	57
Chloroform			0.0500	0.04953		mg/Kg		99	74 - 120	12	20
Chloromethane			0.0500	0.03757		mg/Kg		75	64 - 131	4	99
2-Chlorotoluene			0.0500	0.04696		mg/Kg		94	74 - 122	7	20
4-Chlorotoluene			0.0500	0.04693		mg/Kg		94	75 - 121	7	20
cis-1,2-Dichloroethene			0.0500	0.04523		mg/Kg		90	78 - 122	8	20
cis-1,3-Dichloropropene			0.0500	0.04970		mg/Kg		99	75 - 134	16	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04738		mg/Kg		95	68 - 125	7	20
Dibromomethane			0.0500	0.05275		mg/Kg		106	82 - 119	5	20
1,2-Dichlorobenzene			0.0500	0.04653		mg/Kg		93	80 - 120	7	20
1,3-Dichlorobenzene			0.0500	0.04590		mg/Kg		92	78 - 120	6	20
1,4-Dichlorobenzene			0.0500	0.04739		mg/Kg		95	79 - 120	10	20
Dichlorobromomethane			0.0500	0.05149		mg/Kg		103	80 - 122	11	20
1,1-Dichloroethane			0.0500	0.04725		mg/Kg		95	72 - 123	11	20
1,2-Dichloroethane			0.0500	0.05180		mg/Kg		104	73 - 123	13	20
1,1-Dichloroethene			0.0500	0.04737		mg/Kg		95	74 - 126	4	30
1,2-Dichloropropane			0.0500	0.05147		mg/Kg		103	78 - 122	12	20
1,3-Dichloropropane			0.0500	0.05101		mg/Kg		102	82 - 120	13	20
2,2-Dichloropropane			0.0500	0.04876		mg/Kg		98	70 - 132	13	20
1,1-Dichloropropene			0.0500	0.05191		mg/Kg		104	74 - 126	3	20
Ethylbenzene			0.0500	0.04956		mg/Kg		99	80 - 121	11	30
Ethylene Dibromide			0.0500	0.05175		mg/Kg		104	82 - 118	13	20
Hexachlorobutadiene			0.0500	0.04695		mg/Kg		94	81 - 123	7	20
Hexane			0.0500	0.05251		mg/Kg		105	25 - 150	20	50
2-Hexanone			0.100	0.09382		mg/Kg		94	81 - 132	9	50
Iodomethane			0.0500	0.03455		mg/Kg		69	50 - 150	2	50
Isopropylbenzene			0.0500	0.04851		mg/Kg		97	72 - 129	7	20
4-Isopropyltoluene			0.0500	0.04777		mg/Kg		96	73 - 131	11	20

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

Lab Sample ID: LCSD 705-102618/2
Matrix: Solid
Analysis Batch: 102618

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride			0.0500	0.04868		mg/Kg		97	72 - 122	7	20
4-Methyl-2-pentanone (MIBK)			0.100	0.09458		mg/Kg		95	81 - 135	20	50
Methyl tert-butyl ether			0.0500	0.05011		mg/Kg		100	80 - 122	8	20
m-Xylene & p-Xylene			0.0500	0.05072		mg/Kg		101	79 - 123	13	30
Naphthalene			0.0500	0.04588		mg/Kg		92	66 - 128	5	30
n-Butylbenzene			0.0500	0.04731		mg/Kg		95	73 - 132	10	20
n-Heptane			0.0500	0.04879		mg/Kg		98	25 - 150	33	50
N-Propylbenzene			0.0500	0.04890		mg/Kg		98	74 - 127	9	20
o-Xylene			0.0500	0.04893		mg/Kg		98	78 - 122	12	30
sec-Butylbenzene			0.0500	0.04769		mg/Kg		95	72 - 131	8	20
Styrene			0.0500	0.04793		mg/Kg		96	79 - 128	11	20
tert-Butylbenzene			0.0500	0.04776		mg/Kg		96	73 - 128	8	20
1,1,1,2-Tetrachloroethane			0.0500	0.04842		mg/Kg		97	78 - 124	12	20
1,1,2,2-Tetrachloroethane			0.0500	0.04625		mg/Kg		93	73 - 121	7	20
Tetrachloroethene			0.0500	0.05129		mg/Kg		103	74 - 121	10	20
Toluene			0.0500	0.04921		mg/Kg		98	77 - 123	18	30
trans-1,4-Dichloro-2-butene			0.0500	0.05478		mg/Kg		110	50 - 150	4	50
trans-1,2-Dichloroethene			0.0500	0.04966		mg/Kg		99	76 - 124	5	20
trans-1,3-Dichloropropene			0.0500	0.04831		mg/Kg		97	70 - 131	19	20
1,2,3-Trichlorobenzene			0.0500	0.04722		mg/Kg		94	70 - 128	8	20
1,2,4-Trichlorobenzene			0.0500	0.04838		mg/Kg		97	69 - 130	10	20
1,1,1-Trichloroethane			0.0500	0.05147		mg/Kg		103	73 - 126	16	20
1,1,2-Trichloroethane			0.0500	0.04644		mg/Kg		93	77 - 124	18	20
Trichloroethene			0.0500	0.05549		mg/Kg		111	79 - 121	15	30
Trichlorofluoromethane			0.0500	0.04768		mg/Kg		95	77 - 128	1	50
1,2,3-Trichloropropane			0.0500	0.04622		mg/Kg		92	68 - 125	9	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04607		mg/Kg		92	80 - 121	8	50
1,2,4-Trimethylbenzene			0.0500	0.04697		mg/Kg		94	75 - 125	6	20
1,3,5-Trimethylbenzene			0.0500	0.04755		mg/Kg		95	74 - 128	7	20
Vinyl acetate			0.100	0.09642		mg/Kg		96	50 - 150	17	50
Vinyl chloride			0.0500	0.03864		mg/Kg		77	68 - 130	5	20
Xylenes, Total			0.100	0.09965		mg/Kg		100	79 - 122	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*101*		*71 - 129*

Lab Sample ID: LCSD 705-102618/4
Matrix: Solid
Analysis Batch: 102618

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	0.08082		mg/Kg		81	25 - 150	4	50
Isopropyl ether			0.0500	0.06147		mg/Kg		123	50 - 150	5	40

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

Lab Sample ID: LCSD 705-102618/4
Matrix: Solid
Analysis Batch: 102618

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*94*		*71 - 129*

Lab Sample ID: MB 705-102928/6
Matrix: Solid
Analysis Batch: 102928

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			12/19/25 14:46	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/19/25 14:46	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/19/25 14:46	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/19/25 14:46	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/19/25 14:46	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/19/25 14:46	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/19/25 14:46	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/19/25 14:46	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/19/25 14:46	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/19/25 14:46	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/19/25 14:46	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/19/25 14:46	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/19/25 14:46	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/19/25 14:46	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			12/19/25 14:46	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/19/25 14:46	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/19/25 14:46	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/19/25 14:46	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/19/25 14:46	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/19/25 14:46	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/19/25 14:46	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/19/25 14:46	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/19/25 14:46	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/19/25 14:46	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/19/25 14:46	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/19/25 14:46	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/19/25 14:46	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/19/25 14:46	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/19/25 14:46	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/19/25 14:46	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/19/25 14:46	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/19/25 14:46	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/19/25 14:46	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/19/25 14:46	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/19/25 14:46	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/19/25 14:46	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/19/25 14:46	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/19/25 14:46	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/19/25 14:46	1

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

Lab Sample ID: MB 705-102928/6
Matrix: Solid
Analysis Batch: 102928

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		0.0100	0.0100	mg/Kg			12/19/25 14:46	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/19/25 14:46	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/19/25 14:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/19/25 14:46	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/19/25 14:46	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/19/25 14:46	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/19/25 14:46	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/19/25 14:46	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/19/25 14:46	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/19/25 14:46	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/19/25 14:46	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/19/25 14:46	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/19/25 14:46	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/19/25 14:46	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/19/25 14:46	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/19/25 14:46	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/19/25 14:46	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/19/25 14:46	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/19/25 14:46	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/19/25 14:46	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/19/25 14:46	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/19/25 14:46	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/19/25 14:46	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/19/25 14:46	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			12/19/25 14:46	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/19/25 14:46	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/19/25 14:46	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/19/25 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/19/25 14:46	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/19/25 14:46	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/19/25 14:46	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/19/25 14:46	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/19/25 14:46	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/19/25 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 127*		*12/19/25 14:46*	*1*
Dibromofluoromethane	*116*		*80 - 119*		*12/19/25 14:46*	*1*
Toluene-d8 (Surr)	*98*		*71 - 129*		*12/19/25 14:46*	*1*

Lab Sample ID: LCS 705-102928/1001
Matrix: Solid
Analysis Batch: 102928

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	0.08328	J	mg/Kg		83	70 - 131		
Benzene			0.0500	0.04318		mg/Kg		86	79 - 120		
Bromobenzene			0.0500	0.04435		mg/Kg		89	75 - 118		

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

Lab Sample ID: LCS 705-102928/1001
Matrix: Solid
Analysis Batch: 102928

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	0.0500	0.04496		mg/Kg		90	71 - 136
Bromomethane	0.0500	0.07251	*+	mg/Kg		145	62 - 134
2-Butanone (MEK)	0.100	0.09330		mg/Kg		93	73 - 134
Carbon disulfide	0.0500	0.04788		mg/Kg		96	80 - 127
Carbon tetrachloride	0.0500	0.04971		mg/Kg		99	72 - 132
Chlorobenzene	0.0500	0.04612		mg/Kg		92	80 - 120
Chlorobromomethane	0.0500	0.04811		mg/Kg		96	79 - 122
Chlorodibromomethane	0.0500	0.04645		mg/Kg		93	81 - 123
Chloroethane	0.0500	0.1058	E *+	mg/Kg		212	66 - 130
Chloroform	0.0500	0.04691		mg/Kg		94	74 - 120
Chloromethane	0.0500	0.04832		mg/Kg		97	64 - 131
2-Chlorotoluene	0.0500	0.04371		mg/Kg		87	74 - 122
4-Chlorotoluene	0.0500	0.04389		mg/Kg		88	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04426		mg/Kg		89	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04473		mg/Kg		89	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04295		mg/Kg		86	68 - 125
Dibromomethane	0.0500	0.05105		mg/Kg		102	82 - 119
1,2-Dichlorobenzene	0.0500	0.04378		mg/Kg		88	80 - 120
1,3-Dichlorobenzene	0.0500	0.04355		mg/Kg		87	78 - 120
1,4-Dichlorobenzene	0.0500	0.04380		mg/Kg		88	79 - 120
Dichlorobromomethane	0.0500	0.04772		mg/Kg		95	80 - 122
1,1-Dichloroethane	0.0500	0.04326		mg/Kg		87	72 - 123
1,2-Dichloroethane	0.0500	0.04684		mg/Kg		94	73 - 123
1,1-Dichloroethene	0.0500	0.05105		mg/Kg		102	74 - 126
1,2-Dichloropropane	0.0500	0.04904		mg/Kg		98	78 - 122
1,3-Dichloropropane	0.0500	0.04778		mg/Kg		96	82 - 120
2,2-Dichloropropane	0.0500	0.04444		mg/Kg		89	70 - 132
1,1-Dichloropropene	0.0500	0.04737		mg/Kg		95	74 - 126
Ethylbenzene	0.0500	0.04550		mg/Kg		91	80 - 121
Ethylene Dibromide	0.0500	0.04713		mg/Kg		94	82 - 118
Hexachlorobutadiene	0.0500	0.04400		mg/Kg		88	81 - 123
Hexane	0.0500	0.04680		mg/Kg		94	25 - 150
2-Hexanone	0.100	0.08615		mg/Kg		86	81 - 132
Iodomethane	0.0500	0.03748		mg/Kg		75	50 - 150
Isopropylbenzene	0.0500	0.04465		mg/Kg		89	72 - 129
4-Isopropyltoluene	0.0500	0.04375		mg/Kg		87	73 - 131
Methylene Chloride	0.0500	0.04655		mg/Kg		93	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.08656		mg/Kg		87	81 - 135
Methyl tert-butyl ether	0.0500	0.04771		mg/Kg		95	80 - 122
m-Xylene & p-Xylene	0.0500	0.04651		mg/Kg		93	79 - 123
Naphthalene	0.0500	0.04326		mg/Kg		87	66 - 128
n-Butylbenzene	0.0500	0.04359		mg/Kg		87	73 - 132
n-Heptane	0.0500	0.05490		mg/Kg		110	25 - 150
N-Propylbenzene	0.0500	0.04412		mg/Kg		88	74 - 127
o-Xylene	0.0500	0.04570		mg/Kg		91	78 - 122
sec-Butylbenzene	0.0500	0.04290		mg/Kg		86	72 - 131
Styrene	0.0500	0.04350		mg/Kg		87	79 - 128
tert-Butylbenzene	0.0500	0.04349		mg/Kg		87	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04767		mg/Kg		95	78 - 124

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

Lab Sample ID: LCS 705-102928/1001
Matrix: Solid
Analysis Batch: 102928

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2,2-Tetrachloroethane			0.0500	0.04139		mg/Kg		83	73 - 121		
Tetrachloroethene			0.0500	0.04806		mg/Kg		96	74 - 121		
Toluene			0.0500	0.04598		mg/Kg		92	77 - 123		
trans-1,4-Dichloro-2-butene			0.0500	0.04650		mg/Kg		93	50 - 150		
trans-1,2-Dichloroethene			0.0500	0.05005		mg/Kg		100	76 - 124		
trans-1,3-Dichloropropene			0.0500	0.04416		mg/Kg		88	70 - 131		
1,2,3-Trichlorobenzene			0.0500	0.04387		mg/Kg		88	70 - 128		
1,2,4-Trichlorobenzene			0.0500	0.04555		mg/Kg		91	69 - 130		
1,1,1-Trichloroethane			0.0500	0.04558		mg/Kg		91	73 - 126		
1,1,2-Trichloroethane			0.0500	0.04347		mg/Kg		87	77 - 124		
Trichloroethene			0.0500	0.05068		mg/Kg		101	79 - 121		
Trichlorofluoromethane			0.0500	0.05943		mg/Kg		119	77 - 128		
1,2,3-Trichloropropane			0.0500	0.04245		mg/Kg		85	68 - 125		
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04870		mg/Kg		97	80 - 121		
1,2,4-Trimethylbenzene			0.0500	0.04425		mg/Kg		88	75 - 125		
1,3,5-Trimethylbenzene			0.0500	0.04458		mg/Kg		89	74 - 128		
Vinyl acetate			0.100	0.07477		mg/Kg		75	50 - 150		
Vinyl chloride			0.0500	0.04635		mg/Kg		93	68 - 130		
Xylenes, Total			0.100	0.09221		mg/Kg		92	79 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 127*
Dibromofluoromethane	*82*		*80 - 119*
Toluene-d8 (Surr)	*98*		*71 - 129*

Lab Sample ID: LCS 705-102928/1003
Matrix: Solid
Analysis Batch: 102928

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	0.07486		mg/Kg		75	25 - 150		
Isopropyl ether			0.0500	0.05817		mg/Kg		116	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 127*
Dibromofluoromethane	*99*		*80 - 119*
Toluene-d8 (Surr)	*97*		*71 - 129*

Lab Sample ID: LCSD 705-102928/2
Matrix: Solid
Analysis Batch: 102928

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	0.09224	J	mg/Kg		92	70 - 131	10	50
Benzene			0.0500	0.04801		mg/Kg		96	79 - 120	11	30
Bromobenzene			0.0500	0.04904		mg/Kg		98	75 - 118	10	20
Bromoform			0.0500	0.04786		mg/Kg		96	71 - 136	6	20

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

Lab Sample ID: LCSD 705-102928/2
Matrix: Solid
Analysis Batch: 102928

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
Bromomethane	0.0500	0.06265		mg/Kg		125	62 - 134	15	90
2-Butanone (MEK)	0.100	0.09548		mg/Kg		95	73 - 134	2	50
Carbon disulfide	0.0500	0.05044		mg/Kg		101	80 - 127	5	50
Carbon tetrachloride	0.0500	0.05587		mg/Kg		112	72 - 132	12	20
Chlorobenzene	0.0500	0.04976		mg/Kg		100	80 - 120	8	30
Chlorobromomethane	0.0500	0.05096		mg/Kg		102	79 - 122	6	20
Chlorodibromomethane	0.0500	0.04996		mg/Kg		100	81 - 123	7	20
Chloroethane	0.0500	0.09530	E *+	mg/Kg		191	66 - 130	10	57
Chloroform	0.0500	0.05059		mg/Kg		101	74 - 120	8	20
Chloromethane	0.0500	0.04313		mg/Kg		86	64 - 131	11	99
2-Chlorotoluene	0.0500	0.04787		mg/Kg		96	74 - 122	9	20
4-Chlorotoluene	0.0500	0.04715		mg/Kg		94	75 - 121	7	20
cis-1,2-Dichloroethene	0.0500	0.04819		mg/Kg		96	78 - 122	9	20
cis-1,3-Dichloropropene	0.0500	0.04956		mg/Kg		99	75 - 134	10	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04814		mg/Kg		96	68 - 125	11	20
Dibromomethane	0.0500	0.05087		mg/Kg		102	82 - 119	0	20
1,2-Dichlorobenzene	0.0500	0.04728		mg/Kg		95	80 - 120	8	20
1,3-Dichlorobenzene	0.0500	0.04743		mg/Kg		95	78 - 120	9	20
1,4-Dichlorobenzene	0.0500	0.04707		mg/Kg		94	79 - 120	7	20
Dichlorobromomethane	0.0500	0.05240		mg/Kg		105	80 - 122	9	20
1,1-Dichloroethane	0.0500	0.04713		mg/Kg		94	72 - 123	9	20
1,2-Dichloroethane	0.0500	0.05317		mg/Kg		106	73 - 123	13	20
1,1-Dichloroethene	0.0500	0.04725		mg/Kg		94	74 - 126	8	30
1,2-Dichloropropane	0.0500	0.05310		mg/Kg		106	78 - 122	8	20
1,3-Dichloropropane	0.0500	0.04764		mg/Kg		95	82 - 120	0	20
2,2-Dichloropropane	0.0500	0.04988		mg/Kg		100	70 - 132	12	20
1,1-Dichloropropene	0.0500	0.05624		mg/Kg		112	74 - 126	17	20
Ethylbenzene	0.0500	0.04879		mg/Kg		98	80 - 121	7	30
Ethylene Dibromide	0.0500	0.04827		mg/Kg		97	82 - 118	2	20
Hexachlorobutadiene	0.0500	0.04748		mg/Kg		95	81 - 123	8	20
Hexane	0.0500	0.05309		mg/Kg		106	25 - 150	13	50
2-Hexanone	0.100	0.09009		mg/Kg		90	81 - 132	4	50
Iodomethane	0.0500	0.04204		mg/Kg		84	50 - 150	11	50
Isopropylbenzene	0.0500	0.04759		mg/Kg		95	72 - 129	6	20
4-Isopropyltoluene	0.0500	0.04746		mg/Kg		95	73 - 131	8	20
Methylene Chloride	0.0500	0.04872		mg/Kg		97	72 - 122	5	20
4-Methyl-2-pentanone (MIBK)	0.100	0.09202		mg/Kg		92	81 - 135	6	50
Methyl tert-butyl ether	0.0500	0.05113		mg/Kg		102	80 - 122	7	20
m-Xylene & p-Xylene	0.0500	0.05000		mg/Kg		100	79 - 123	7	30
Naphthalene	0.0500	0.04444		mg/Kg		89	66 - 128	3	30
n-Butylbenzene	0.0500	0.04723		mg/Kg		94	73 - 132	8	20
n-Heptane	0.0500	0.04805		mg/Kg		96	25 - 150	13	50
N-Propylbenzene	0.0500	0.04807		mg/Kg		96	74 - 127	9	20
o-Xylene	0.0500	0.04858		mg/Kg		97	78 - 122	6	30
sec-Butylbenzene	0.0500	0.04715		mg/Kg		94	72 - 131	9	20
Styrene	0.0500	0.04814		mg/Kg		96	79 - 128	10	20
tert-Butylbenzene	0.0500	0.04741		mg/Kg		95	73 - 128	9	20
1,1,1,2-Tetrachloroethane	0.0500	0.04994		mg/Kg		100	78 - 124	5	20
1,1,2,2-Tetrachloroethane	0.0500	0.04526		mg/Kg		91	73 - 121	9	20

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

Lab Sample ID: LCSD 705-102928/2
Matrix: Solid
Analysis Batch: 102928

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
Tetrachloroethene			0.0500	0.05198		mg/Kg		104	74 - 121	8	20
Toluene			0.0500	0.04888		mg/Kg		98	77 - 123	6	30
trans-1,4-Dichloro-2-butene			0.0500	0.05677		mg/Kg		114	50 - 150	20	50
trans-1,2-Dichloroethene			0.0500	0.05107		mg/Kg		102	76 - 124	2	20
trans-1,3-Dichloropropene			0.0500	0.04909		mg/Kg		98	70 - 131	11	20
1,2,3-Trichlorobenzene			0.0500	0.04899		mg/Kg		98	70 - 128	11	20
1,2,4-Trichlorobenzene			0.0500	0.04973		mg/Kg		99	69 - 130	9	20
1,1,1-Trichloroethane			0.0500	0.05214		mg/Kg		104	73 - 126	13	20
1,1,2-Trichloroethane			0.0500	0.04702		mg/Kg		94	77 - 124	8	20
Trichloroethene			0.0500	0.05522		mg/Kg		110	79 - 121	9	30
Trichlorofluoromethane			0.0500	0.04890		mg/Kg		98	77 - 128	19	50
1,2,3-Trichloropropane			0.0500	0.04996		mg/Kg		100	68 - 125	16	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04830		mg/Kg		97	80 - 121	1	50
1,2,4-Trimethylbenzene			0.0500	0.04722		mg/Kg		94	75 - 125	6	20
1,3,5-Trimethylbenzene			0.0500	0.04729		mg/Kg		95	74 - 128	6	20
Vinyl acetate			0.100	0.09499		mg/Kg		95	50 - 150	24	50
Vinyl chloride			0.0500	0.04017		mg/Kg		80	68 - 130	14	20
Xylenes, Total			0.100	0.09858		mg/Kg		99	79 - 122	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 127*
Dibromofluoromethane	*103*		*80 - 119*
Toluene-d8 (Surr)	*100*		*71 - 129*

Lab Sample ID: LCSD 705-102928/4
Matrix: Solid
Analysis Batch: 102928

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	0.07776		mg/Kg		78	25 - 150	4	50
Isopropyl ether			0.0500	0.05934		mg/Kg		119	50 - 150	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*115*		*80 - 119*
Toluene-d8 (Surr)	*99*		*71 - 129*

Lab Sample ID: MB 705-103384/6
Matrix: Solid
Analysis Batch: 103384

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			12/21/25 18:28	50
Benzene	ND		0.250	0.0378	mg/Kg			12/21/25 18:28	50
Bromobenzene	ND		0.250	0.0472	mg/Kg			12/21/25 18:28	50
Bromoform	ND		0.250	0.106	mg/Kg			12/21/25 18:28	50
Bromomethane	ND		0.250	0.0985	mg/Kg			12/21/25 18:28	50

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

Lab Sample ID: MB 705-103384/6
Matrix: Solid
Analysis Batch: 103384

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		2.50	0.278	mg/Kg			12/21/25 18:28	50
Carbon disulfide	ND		0.500	0.128	mg/Kg			12/21/25 18:28	50
Carbon tetrachloride	ND		0.250	0.0474	mg/Kg			12/21/25 18:28	50
Chlorobenzene	ND		0.250	0.0420	mg/Kg			12/21/25 18:28	50
Chlorobromomethane	ND		0.250	0.0600	mg/Kg			12/21/25 18:28	50
Chlorodibromomethane	ND		0.250	0.0398	mg/Kg			12/21/25 18:28	50
Chloroethane	ND		0.500	0.0945	mg/Kg			12/21/25 18:28	50
Chloroform	ND		0.250	0.0485	mg/Kg			12/21/25 18:28	50
Chloromethane	ND		0.500	0.0740	mg/Kg			12/21/25 18:28	50
2-Chlorotoluene	ND		0.250	0.0540	mg/Kg			12/21/25 18:28	50
4-Chlorotoluene	ND		0.250	0.0545	mg/Kg			12/21/25 18:28	50
cis-1,2-Dichloroethene	ND		0.250	0.0600	mg/Kg			12/21/25 18:28	50
cis-1,3-Dichloropropene	ND		0.250	0.0585	mg/Kg			12/21/25 18:28	50
1,2-Dibromo-3-Chloropropane	ND		0.250	0.103	mg/Kg			12/21/25 18:28	50
Dibromomethane	ND		0.250	0.0505	mg/Kg			12/21/25 18:28	50
1,2-Dichlorobenzene	ND		0.250	0.0540	mg/Kg			12/21/25 18:28	50
1,3-Dichlorobenzene	ND		0.250	0.0398	mg/Kg			12/21/25 18:28	50
1,4-Dichlorobenzene	ND		0.250	0.0580	mg/Kg			12/21/25 18:28	50
Dichlorobromomethane	ND		0.250	0.0469	mg/Kg			12/21/25 18:28	50
1,1-Dichloroethane	ND		0.250	0.0453	mg/Kg			12/21/25 18:28	50
1,2-Dichloroethane	ND		0.250	0.0605	mg/Kg			12/21/25 18:28	50
1,1-Dichloroethene	ND		0.250	0.0595	mg/Kg			12/21/25 18:28	50
1,2-Dichloropropane	ND		0.250	0.0343	mg/Kg			12/21/25 18:28	50
1,3-Dichloropropane	ND		0.250	0.0575	mg/Kg			12/21/25 18:28	50
2,2-Dichloropropane	ND		0.250	0.0580	mg/Kg			12/21/25 18:28	50
1,1-Dichloropropene	ND		0.250	0.0510	mg/Kg			12/21/25 18:28	50
Ethyl acetate	ND		2.50	2.50	mg/Kg			12/21/25 18:28	50
Ethylbenzene	ND		0.250	0.0535	mg/Kg			12/21/25 18:28	50
Ethylene Dibromide	ND		0.250	0.0437	mg/Kg			12/21/25 18:28	50
Hexachlorobutadiene	ND		0.250	0.0800	mg/Kg			12/21/25 18:28	50
Hexane	ND		0.500	0.500	mg/Kg			12/21/25 18:28	50
2-Hexanone	ND		0.500	0.369	mg/Kg			12/21/25 18:28	50
Iodomethane	ND		0.500	0.0955	mg/Kg			12/21/25 18:28	50
Isopropylbenzene	ND		0.250	0.0735	mg/Kg			12/21/25 18:28	50
Isopropyl ether	ND		0.500	0.500	mg/Kg			12/21/25 18:28	50
4-Isopropyltoluene	ND		0.250	0.170	mg/Kg			12/21/25 18:28	50
Methylene Chloride	ND		1.00	0.281	mg/Kg			12/21/25 18:28	50
4-Methyl-2-pentanone (MIBK)	ND		0.500	0.163	mg/Kg			12/21/25 18:28	50
Methyl tert-butyl ether	ND		0.250	0.0875	mg/Kg			12/21/25 18:28	50
m-Xylene & p-Xylene	ND		0.500	0.109	mg/Kg			12/21/25 18:28	50
Naphthalene	ND		0.250	0.193	mg/Kg			12/21/25 18:28	50
n-Butylbenzene	ND		0.250	0.0880	mg/Kg			12/21/25 18:28	50
n-Heptane	ND		0.500	0.500	mg/Kg			12/21/25 18:28	50
N-Propylbenzene	ND		0.250	0.0520	mg/Kg			12/21/25 18:28	50
o-Xylene	ND		0.250	0.0660	mg/Kg			12/21/25 18:28	50
sec-Butylbenzene	ND		0.250	0.0570	mg/Kg			12/21/25 18:28	50
Styrene	ND		0.250	0.127	mg/Kg			12/21/25 18:28	50
tert-Butylbenzene	ND		0.250	0.0595	mg/Kg			12/21/25 18:28	50
1,1,1,2-Tetrachloroethane	ND		0.250	0.0495	mg/Kg			12/21/25 18:28	50

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

Lab Sample ID: MB 705-103384/6
Matrix: Solid
Analysis Batch: 103384

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.250	0.0650	mg/Kg			12/21/25 18:28	50
Tetrachloroethene	ND		0.250	0.0407	mg/Kg			12/21/25 18:28	50
Toluene	ND		0.250	0.0491	mg/Kg			12/21/25 18:28	50
trans-1,4-Dichloro-2-butene	ND		0.500	0.252	mg/Kg			12/21/25 18:28	50
trans-1,2-Dichloroethene	ND		0.250	0.0605	mg/Kg			12/21/25 18:28	50
trans-1,3-Dichloropropene	ND		0.250	0.0515	mg/Kg			12/21/25 18:28	50
1,2,3-Trichlorobenzene	ND		0.250	0.131	mg/Kg			12/21/25 18:28	50
1,2,4-Trichlorobenzene	ND		0.250	0.101	mg/Kg			12/21/25 18:28	50
1,1,1-Trichloroethane	ND		0.250	0.0720	mg/Kg			12/21/25 18:28	50
1,1,2-Trichloroethane	ND		0.250	0.0450	mg/Kg			12/21/25 18:28	50
Trichloroethene	ND		0.250	0.0347	mg/Kg			12/21/25 18:28	50
Trichlorofluoromethane	ND		0.250	0.0945	mg/Kg			12/21/25 18:28	50
1,2,3-Trichloropropane	ND		0.250	0.0670	mg/Kg			12/21/25 18:28	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.500	0.0497	mg/Kg			12/21/25 18:28	50
1,2,4-Trimethylbenzene	ND		0.250	0.0585	mg/Kg			12/21/25 18:28	50
1,3,5-Trimethylbenzene	ND		0.250	0.0620	mg/Kg			12/21/25 18:28	50
Vinyl acetate	ND		0.500	0.166	mg/Kg			12/21/25 18:28	50
Vinyl chloride	ND		0.500	0.0825	mg/Kg			12/21/25 18:28	50
Xylenes, Total	ND		0.250	0.0660	mg/Kg			12/21/25 18:28	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*		*12/21/25 18:28*	*50*
Dibromofluoromethane	*100*		*80 - 119*		*12/21/25 18:28*	*50*
Toluene-d8 (Surr)	*99*		*71 - 129*		*12/21/25 18:28*	*50*

Lab Sample ID: LCS 705-103384/3
Matrix: Solid
Analysis Batch: 103384

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	5.00	5.344		mg/Kg		107	70 - 131
Benzene	2.50	2.507		mg/Kg		100	79 - 120
Bromobenzene	2.50	2.596		mg/Kg		104	75 - 118
Bromoform	2.50	2.579		mg/Kg		103	71 - 136
Bromomethane	2.50	2.277		mg/Kg		91	62 - 134
2-Butanone (MEK)	5.00	4.906		mg/Kg		98	73 - 134
Carbon disulfide	2.50	2.377		mg/Kg		95	80 - 127
Carbon tetrachloride	2.50	2.547		mg/Kg		102	72 - 132
Chlorobenzene	2.50	2.593		mg/Kg		104	80 - 120
Chlorobromomethane	2.50	2.554		mg/Kg		102	79 - 122
Chlorodibromomethane	2.50	2.630		mg/Kg		105	81 - 123
Chloroethane	2.50	2.454		mg/Kg		98	66 - 130
Chloroform	2.50	2.452		mg/Kg		98	74 - 120
Chloromethane	2.50	2.250		mg/Kg		90	64 - 131
2-Chlorotoluene	2.50	2.508		mg/Kg		100	74 - 122
4-Chlorotoluene	2.50	2.570		mg/Kg		103	75 - 121
cis-1,2-Dichloroethene	2.50	2.541		mg/Kg		102	78 - 122
cis-1,3-Dichloropropene	2.50	2.639		mg/Kg		106	75 - 134

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

Lab Sample ID: LCS 705-103384/3
Matrix: Solid
Analysis Batch: 103384

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	2.50	2.284		mg/Kg		91	68 - 125
Dibromomethane	2.50	2.613		mg/Kg		105	82 - 119
1,2-Dichlorobenzene	2.50	2.582		mg/Kg		103	80 - 120
1,3-Dichlorobenzene	2.50	2.610		mg/Kg		104	78 - 120
1,4-Dichlorobenzene	2.50	2.604		mg/Kg		104	79 - 120
Dichlorobromomethane	2.50	2.718		mg/Kg		109	80 - 122
1,1-Dichloroethane	2.50	2.453		mg/Kg		98	72 - 123
1,2-Dichloroethane	2.50	2.626		mg/Kg		105	73 - 123
1,1-Dichloroethene	2.50	2.385		mg/Kg		95	74 - 126
1,2-Dichloropropane	2.50	2.486		mg/Kg		99	78 - 122
1,3-Dichloropropane	2.50	2.612		mg/Kg		104	82 - 120
2,2-Dichloropropane	2.50	2.959		mg/Kg		118	70 - 132
1,1-Dichloropropene	2.50	2.657		mg/Kg		106	74 - 126
Ethylbenzene	2.50	2.399		mg/Kg		96	80 - 121
Ethylene Dibromide	2.50	2.593		mg/Kg		104	82 - 118
Hexachlorobutadiene	2.50	2.683		mg/Kg		107	81 - 123
Hexane	2.50	2.619		mg/Kg		105	25 - 150
2-Hexanone	5.00	5.184		mg/Kg		104	81 - 132
Iodomethane	2.50	2.376		mg/Kg		95	50 - 150
Isopropylbenzene	2.50	2.560		mg/Kg		102	72 - 129
4-Isopropyltoluene	2.50	2.611		mg/Kg		104	73 - 131
Methylene Chloride	2.50	2.422		mg/Kg		97	72 - 122
4-Methyl-2-pentanone (MIBK)	5.00	4.813		mg/Kg		96	81 - 135
Methyl tert-butyl ether	2.50	2.486		mg/Kg		99	80 - 122
m-Xylene & p-Xylene	2.50	2.593		mg/Kg		104	79 - 123
Naphthalene	2.50	2.166		mg/Kg		87	66 - 128
n-Butylbenzene	2.50	2.732		mg/Kg		109	73 - 132
n-Heptane	2.50	2.921		mg/Kg		117	25 - 150
N-Propylbenzene	2.50	2.608		mg/Kg		104	74 - 127
o-Xylene	2.50	2.630		mg/Kg		105	78 - 122
sec-Butylbenzene	2.50	2.586		mg/Kg		103	72 - 131
Styrene	2.50	2.687		mg/Kg		107	79 - 128
tert-Butylbenzene	2.50	2.667		mg/Kg		107	73 - 128
1,1,1,2-Tetrachloroethane	2.50	2.437		mg/Kg		97	78 - 124
1,1,2,2-Tetrachloroethane	2.50	2.490		mg/Kg		100	73 - 121
Tetrachloroethene	2.50	2.539		mg/Kg		102	74 - 121
Toluene	2.50	2.463		mg/Kg		99	77 - 123
trans-1,4-Dichloro-2-butene	2.50	2.474		mg/Kg		99	50 - 150
trans-1,2-Dichloroethene	2.50	2.440		mg/Kg		98	76 - 124
trans-1,3-Dichloropropene	2.50	2.684		mg/Kg		107	70 - 131
1,2,3-Trichlorobenzene	2.50	2.693		mg/Kg		108	70 - 128
1,2,4-Trichlorobenzene	2.50	2.529		mg/Kg		101	69 - 130
1,1,1-Trichloroethane	2.50	2.450		mg/Kg		98	73 - 126
1,1,2-Trichloroethane	2.50	2.490		mg/Kg		100	77 - 124
Trichloroethene	2.50	2.556		mg/Kg		102	79 - 121
Trichlorofluoromethane	2.50	2.319		mg/Kg		93	77 - 128
1,2,3-Trichloropropane	2.50	2.658		mg/Kg		106	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	2.50	2.302		mg/Kg		92	80 - 121

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

Lab Sample ID: LCS 705-103384/3
Matrix: Solid
Analysis Batch: 103384

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trimethylbenzene			2.50	2.653		mg/Kg		106	75 - 125		
1,3,5-Trimethylbenzene			2.50	2.595		mg/Kg		104	74 - 128		
Vinyl acetate			5.00	4.955		mg/Kg		99	50 - 150		
Vinyl chloride			2.50	2.229		mg/Kg		89	68 - 130		
Xylenes, Total			5.00	5.223		mg/Kg		104	79 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*99*		*71 - 129*

Lab Sample ID: LCS 705-103384/4
Matrix: Solid
Analysis Batch: 103384

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			5.00	4.589		mg/Kg		92	25 - 150		
Isopropyl ether			2.50	2.369		mg/Kg		95	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*99*		*71 - 129*

Lab Sample ID: MB 705-103682/1006
Matrix: Solid
Analysis Batch: 103682

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			12/22/25 12:56	50
Benzene	ND		0.250	0.0378	mg/Kg			12/22/25 12:56	50
Bromobenzene	ND		0.250	0.0472	mg/Kg			12/22/25 12:56	50
Bromoform	ND		0.250	0.106	mg/Kg			12/22/25 12:56	50
Bromomethane	ND		0.250	0.0985	mg/Kg			12/22/25 12:56	50
2-Butanone (MEK)	ND		2.50	0.278	mg/Kg			12/22/25 12:56	50
Carbon disulfide	ND		0.500	0.128	mg/Kg			12/22/25 12:56	50
Carbon tetrachloride	ND		0.250	0.0474	mg/Kg			12/22/25 12:56	50
Chlorobenzene	ND		0.250	0.0420	mg/Kg			12/22/25 12:56	50
Chlorobromomethane	ND		0.250	0.0600	mg/Kg			12/22/25 12:56	50
Chlorodibromomethane	ND		0.250	0.0398	mg/Kg			12/22/25 12:56	50
Chloroethane	ND		0.500	0.0945	mg/Kg			12/22/25 12:56	50
Chloroform	ND		0.250	0.0485	mg/Kg			12/22/25 12:56	50
Chloromethane	ND		0.500	0.0740	mg/Kg			12/22/25 12:56	50
2-Chlorotoluene	ND		0.250	0.0540	mg/Kg			12/22/25 12:56	50
4-Chlorotoluene	ND		0.250	0.0545	mg/Kg			12/22/25 12:56	50
cis-1,2-Dichloroethene	ND		0.250	0.0600	mg/Kg			12/22/25 12:56	50
cis-1,3-Dichloropropene	ND		0.250	0.0585	mg/Kg			12/22/25 12:56	50
1,2-Dibromo-3-Chloropropane	ND		0.250	0.103	mg/Kg			12/22/25 12:56	50

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

Lab Sample ID: MB 705-103682/1006
Matrix: Solid
Analysis Batch: 103682

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.250	0.0505	mg/Kg			12/22/25 12:56	50
1,2-Dichlorobenzene	ND		0.250	0.0540	mg/Kg			12/22/25 12:56	50
1,3-Dichlorobenzene	ND		0.250	0.0398	mg/Kg			12/22/25 12:56	50
1,4-Dichlorobenzene	ND		0.250	0.0580	mg/Kg			12/22/25 12:56	50
Dichlorobromomethane	ND		0.250	0.0469	mg/Kg			12/22/25 12:56	50
1,1-Dichloroethane	ND		0.250	0.0453	mg/Kg			12/22/25 12:56	50
1,2-Dichloroethane	ND		0.250	0.0605	mg/Kg			12/22/25 12:56	50
1,1-Dichloroethene	ND		0.250	0.0595	mg/Kg			12/22/25 12:56	50
1,2-Dichloropropane	ND		0.250	0.0343	mg/Kg			12/22/25 12:56	50
1,3-Dichloropropane	ND		0.250	0.0575	mg/Kg			12/22/25 12:56	50
2,2-Dichloropropane	ND		0.250	0.0580	mg/Kg			12/22/25 12:56	50
1,1-Dichloropropene	ND		0.250	0.0510	mg/Kg			12/22/25 12:56	50
Ethyl acetate	ND		2.50	2.50	mg/Kg			12/22/25 12:56	50
Ethylbenzene	ND		0.250	0.0535	mg/Kg			12/22/25 12:56	50
Ethylene Dibromide	ND		0.250	0.0437	mg/Kg			12/22/25 12:56	50
Hexachlorobutadiene	ND		0.250	0.0800	mg/Kg			12/22/25 12:56	50
Hexane	ND		0.500	0.500	mg/Kg			12/22/25 12:56	50
2-Hexanone	ND		0.500	0.369	mg/Kg			12/22/25 12:56	50
Iodomethane	ND		0.500	0.0955	mg/Kg			12/22/25 12:56	50
Isopropylbenzene	ND		0.250	0.0735	mg/Kg			12/22/25 12:56	50
Isopropyl ether	ND		0.500	0.500	mg/Kg			12/22/25 12:56	50
4-Isopropyltoluene	ND		0.250	0.170	mg/Kg			12/22/25 12:56	50
Methylene Chloride	ND		1.00	0.281	mg/Kg			12/22/25 12:56	50
4-Methyl-2-pentanone (MIBK)	ND		0.500	0.163	mg/Kg			12/22/25 12:56	50
Methyl tert-butyl ether	ND		0.250	0.0875	mg/Kg			12/22/25 12:56	50
m-Xylene & p-Xylene	ND		0.500	0.109	mg/Kg			12/22/25 12:56	50
Naphthalene	ND		0.250	0.193	mg/Kg			12/22/25 12:56	50
n-Butylbenzene	ND		0.250	0.0880	mg/Kg			12/22/25 12:56	50
n-Heptane	ND		0.500	0.500	mg/Kg			12/22/25 12:56	50
N-Propylbenzene	ND		0.250	0.0520	mg/Kg			12/22/25 12:56	50
o-Xylene	ND		0.250	0.0660	mg/Kg			12/22/25 12:56	50
sec-Butylbenzene	ND		0.250	0.0570	mg/Kg			12/22/25 12:56	50
Styrene	ND		0.250	0.127	mg/Kg			12/22/25 12:56	50
tert-Butylbenzene	ND		0.250	0.0595	mg/Kg			12/22/25 12:56	50
1,1,1,2-Tetrachloroethane	ND		0.250	0.0495	mg/Kg			12/22/25 12:56	50
1,1,2,2-Tetrachloroethane	ND		0.250	0.0650	mg/Kg			12/22/25 12:56	50
Tetrachloroethene	ND		0.250	0.0407	mg/Kg			12/22/25 12:56	50
Toluene	ND		0.250	0.0491	mg/Kg			12/22/25 12:56	50
trans-1,4-Dichloro-2-butene	ND		0.500	0.252	mg/Kg			12/22/25 12:56	50
trans-1,2-Dichloroethene	ND		0.250	0.0605	mg/Kg			12/22/25 12:56	50
trans-1,3-Dichloropropene	ND		0.250	0.0515	mg/Kg			12/22/25 12:56	50
1,2,3-Trichlorobenzene	ND		0.250	0.131	mg/Kg			12/22/25 12:56	50
1,2,4-Trichlorobenzene	ND		0.250	0.101	mg/Kg			12/22/25 12:56	50
1,1,1-Trichloroethane	ND		0.250	0.0720	mg/Kg			12/22/25 12:56	50
1,1,2-Trichloroethane	ND		0.250	0.0450	mg/Kg			12/22/25 12:56	50
Trichloroethene	ND		0.250	0.0347	mg/Kg			12/22/25 12:56	50
Trichlorofluoromethane	ND		0.250	0.0945	mg/Kg			12/22/25 12:56	50
1,2,3-Trichloropropane	ND		0.250	0.0670	mg/Kg			12/22/25 12:56	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.500	0.0497	mg/Kg			12/22/25 12:56	50

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

Lab Sample ID: MB 705-103682/1006
Matrix: Solid
Analysis Batch: 103682

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		0.250	0.0585	mg/Kg			12/22/25 12:56	50
1,3,5-Trimethylbenzene	ND		0.250	0.0620	mg/Kg			12/22/25 12:56	50
Vinyl acetate	ND		0.500	0.166	mg/Kg			12/22/25 12:56	50
Vinyl chloride	ND		0.500	0.0825	mg/Kg			12/22/25 12:56	50
Xylenes, Total	ND		0.250	0.0660	mg/Kg			12/22/25 12:56	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 127*		*12/22/25 12:56*	*50*
Dibromofluoromethane	*101*		*80 - 119*		*12/22/25 12:56*	*50*
Toluene-d8 (Surr)	*100*		*71 - 129*		*12/22/25 12:56*	*50*

Lab Sample ID: LCS 705-103682/1004
Matrix: Solid
Analysis Batch: 103682

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	2.454	J	mg/Kg		123	70 - 131
Benzene	1.00	1.048		mg/Kg		105	79 - 120
Bromobenzene	1.00	1.073		mg/Kg		107	75 - 118
Bromoform	1.00	1.043		mg/Kg		104	71 - 136
Bromomethane	1.00	1.030		mg/Kg		103	62 - 134
2-Butanone (MEK)	2.00	2.077	J	mg/Kg		104	73 - 134
Carbon disulfide	1.00	1.049		mg/Kg		105	80 - 127
Carbon tetrachloride	1.00	1.162		mg/Kg		116	72 - 132
Chlorobenzene	1.00	1.101		mg/Kg		110	80 - 120
Chlorobromomethane	1.00	1.050		mg/Kg		105	79 - 122
Chlorodibromomethane	1.00	1.068		mg/Kg		107	81 - 123
Chloroethane	1.00	1.068		mg/Kg		107	66 - 130
Chloroform	1.00	1.043		mg/Kg		104	74 - 120
Chloromethane	1.00	0.9793		mg/Kg		98	64 - 131
2-Chlorotoluene	1.00	1.059		mg/Kg		106	74 - 122
4-Chlorotoluene	1.00	1.076		mg/Kg		108	75 - 121
cis-1,2-Dichloroethene	1.00	1.037		mg/Kg		104	78 - 122
cis-1,3-Dichloropropene	1.00	1.069		mg/Kg		107	75 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.9422		mg/Kg		94	68 - 125
Dibromomethane	1.00	1.071		mg/Kg		107	82 - 119
1,2-Dichlorobenzene	1.00	1.070		mg/Kg		107	80 - 120
1,3-Dichlorobenzene	1.00	1.091		mg/Kg		109	78 - 120
1,4-Dichlorobenzene	1.00	1.088		mg/Kg		109	79 - 120
Dichlorobromomethane	1.00	1.084		mg/Kg		108	80 - 122
1,1-Dichloroethane	1.00	1.044		mg/Kg		104	72 - 123
1,2-Dichloroethane	1.00	1.118		mg/Kg		112	73 - 123
1,1-Dichloroethene	1.00	1.059		mg/Kg		106	74 - 126
1,2-Dichloropropane	1.00	1.040		mg/Kg		104	78 - 122
1,3-Dichloropropane	1.00	1.047		mg/Kg		105	82 - 120
2,2-Dichloropropane	1.00	1.235		mg/Kg		124	70 - 132
1,1-Dichloropropene	1.00	1.181		mg/Kg		118	74 - 126
Ethylbenzene	1.00	1.045		mg/Kg		104	80 - 121

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

Lab Sample ID: LCS 705-103682/1004
Matrix: Solid
Analysis Batch: 103682

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	1.00	1.031		mg/Kg		103	82 - 118
Hexachlorobutadiene	1.00	1.214		mg/Kg		121	81 - 123
Hexane	1.00	1.152		mg/Kg		115	25 - 150
2-Hexanone	2.00	2.105		mg/Kg		105	81 - 132
Iodomethane	1.00	1.026		mg/Kg		103	50 - 150
Isopropylbenzene	1.00	1.093		mg/Kg		109	72 - 129
4-Isopropyltoluene	1.00	1.120		mg/Kg		112	73 - 131
Methylene Chloride	1.00	1.035		mg/Kg		103	72 - 122
4-Methyl-2-pentanone (MIBK)	2.00	2.036		mg/Kg		102	81 - 135
Methyl tert-butyl ether	1.00	1.036		mg/Kg		104	80 - 122
m-Xylene & p-Xylene	1.00	1.096		mg/Kg		110	79 - 123
Naphthalene	1.00	0.8197		mg/Kg		82	66 - 128
n-Butylbenzene	1.00	1.138		mg/Kg		114	73 - 132
n-Heptane	1.00	1.266		mg/Kg		127	25 - 150
N-Propylbenzene	1.00	1.080		mg/Kg		108	74 - 127
o-Xylene	1.00	1.084		mg/Kg		108	78 - 122
sec-Butylbenzene	1.00	1.117		mg/Kg		112	72 - 131
Styrene	1.00	1.089		mg/Kg		109	79 - 128
tert-Butylbenzene	1.00	1.122		mg/Kg		112	73 - 128
1,1,1,2-Tetrachloroethane	1.00	1.011		mg/Kg		101	78 - 124
1,1,2,2-Tetrachloroethane	1.00	0.9984		mg/Kg		100	73 - 121
Tetrachloroethene	1.00	1.107		mg/Kg		111	74 - 121
Toluene	1.00	1.070		mg/Kg		107	77 - 123
trans-1,4-Dichloro-2-butene	1.00	1.009		mg/Kg		101	50 - 150
trans-1,2-Dichloroethene	1.00	1.055		mg/Kg		105	76 - 124
trans-1,3-Dichloropropene	1.00	1.085		mg/Kg		109	70 - 131
1,2,3-Trichlorobenzene	1.00	1.086		mg/Kg		109	70 - 128
1,2,4-Trichlorobenzene	1.00	1.032		mg/Kg		103	69 - 130
1,1,1-Trichloroethane	1.00	1.104		mg/Kg		110	73 - 126
1,1,2-Trichloroethane	1.00	1.053		mg/Kg		105	77 - 124
Trichloroethene	1.00	1.126		mg/Kg		113	79 - 121
Trichlorofluoromethane	1.00	1.049		mg/Kg		105	77 - 128
1,2,3-Trichloropropane	1.00	0.9864		mg/Kg		99	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.074		mg/Kg		107	80 - 121
1,2,4-Trimethylbenzene	1.00	1.101		mg/Kg		110	75 - 125
1,3,5-Trimethylbenzene	1.00	1.093		mg/Kg		109	74 - 128
Vinyl acetate	2.00	1.840		mg/Kg		92	50 - 150
Vinyl chloride	1.00	1.038		mg/Kg		104	68 - 130
Xylenes, Total	2.00	2.180		mg/Kg		109	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 127*
Dibromofluoromethane	*99*		*80 - 119*
Toluene-d8 (Surr)	*100*		*71 - 129*

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

Lab Sample ID: LCS 705-103682/1005
Matrix: Solid
Analysis Batch: 103682

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		95	25 - 150		
Isopropyl ether			1.00	0.9332		mg/Kg		93	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 127*
Dibromofluoromethane	*100*		*80 - 119*
Toluene-d8 (Surr)	*98*		*71 - 129*

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

Lab Sample ID: MB 400-733673/1-A
Matrix: Solid
Analysis Batch: 733790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Acetophenone	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Anthracene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Atrazine	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		12/12/25 14:02	12/15/25 21:24	1

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

Lab Sample ID: MB 400-733673/1-A
Matrix: Solid
Analysis Batch: 733790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Caprolactam	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Carbazole	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Chrysene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Fluorene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Isophorone	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Naphthalene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Phenol	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1
Pyrene	ND		0.330	0.0330	mg/Kg		12/12/25 14:02	12/15/25 21:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*40 - 140*	*12/12/25 14:02*	*12/15/25 21:24*	*1*
2-Fluorobiphenyl (Surr)	*118*		*40 - 140*	*12/12/25 14:02*	*12/15/25 21:24*	*1*
2-Fluorophenol (Surr)	*124*		*40 - 140*	*12/12/25 14:02*	*12/15/25 21:24*	*1*
Nitrobenzene-d5 (Surr)	*105*		*40 - 140*	*12/12/25 14:02*	*12/15/25 21:24*	*1*
Phenol-d5 (Surr)	*99*		*40 - 140*	*12/12/25 14:02*	*12/15/25 21:24*	*1*
Terphenyl-d14 (Surr)	*138*		*40 - 140*	*12/12/25 14:02*	*12/15/25 21:24*	*1*

Lab Sample ID: LCS 400-733673/2-A
Matrix: Solid
Analysis Batch: 733790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733673

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl			1.50	1.838		mg/Kg		123	19 - 126		
2,4,5-Trichlorophenol			1.50	1.618		mg/Kg		108	10 - 150		

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

Lab Sample ID: LCS 400-733673/2-A
Matrix: Solid
Analysis Batch: 733790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	1.50	1.968		mg/Kg		131	10 - 150
2,4-Dichlorophenol	1.50	1.766		mg/Kg		118	10 - 150
2,4-Dimethylphenol	1.50	0.4320		mg/Kg		29	10 - 141
2,4-Dinitrophenol	3.00	4.005		mg/Kg		134	10 - 150
2,4-Dinitrotoluene	1.50	1.944		mg/Kg		130	31 - 136
2,6-Dinitrotoluene	1.50	2.149	*+	mg/Kg		143	31 - 137
2-Chloronaphthalene	1.50	1.873		mg/Kg		125	20 - 126
2-Chlorophenol	1.50	1.717		mg/Kg		114	10 - 150
2-Methylnaphthalene	1.50	1.829		mg/Kg		122	20 - 150
2-Methylphenol	1.50	1.660		mg/Kg		111	18 - 126
2-Nitroaniline	1.50	2.310	*+	mg/Kg		154	30 - 150
2-Nitrophenol	1.50	2.181		mg/Kg		145	19 - 150
3 & 4 Methylphenol	1.50	1.669		mg/Kg		111	10 - 150
3,3'-Dichlorobenzidine	3.00	2.327		mg/Kg		78	10 - 124
3-Nitroaniline	1.50	1.619		mg/Kg		108	10 - 148
4,6-Dinitro-2-methylphenol	3.00	4.837	*+	mg/Kg		161	15 - 150
4-Bromophenyl phenyl ether	1.50	1.803		mg/Kg		120	21 - 129
4-Chloro-3-methylphenol	1.50	1.480		mg/Kg		99	16 - 150
4-Chloroaniline	1.50	0.8648		mg/Kg		58	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.612		mg/Kg		107	21 - 124
4-Nitroaniline	1.50	2.077		mg/Kg		138	21 - 146
4-Nitrophenol	3.00	2.676		mg/Kg		89	10 - 150
Acenaphthene	1.50	1.838		mg/Kg		123	21 - 150
Acenaphthylene	1.50	1.872		mg/Kg		125	22 - 150
Acetophenone	1.50	1.595		mg/Kg		106	15 - 128
Anthracene	1.50	1.838		mg/Kg		123	28 - 150
Atrazine	1.50	2.046		mg/Kg		136	10 - 150
Benzaldehyde	1.50	1.518		mg/Kg		101	10 - 150
Benzo[a]anthracene	1.50	1.854		mg/Kg		124	32 - 150
Benzo[a]pyrene	1.50	1.786		mg/Kg		119	24 - 150
Benzo[b]fluoranthene	1.50	1.781		mg/Kg		119	17 - 150
Benzo[g,h,i]perylene	1.50	1.654		mg/Kg		110	25 - 150
Benzo[k]fluoranthene	1.50	1.783		mg/Kg		119	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.716		mg/Kg		114	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.896		mg/Kg		126	16 - 132
Bis(2-chloroethyl)ether	1.50	1.680		mg/Kg		112	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.713		mg/Kg		114	12 - 150
Butyl benzyl phthalate	1.50	2.020		mg/Kg		135	24 - 150
Caprolactam	1.50	2.331	*+	mg/Kg		155	10 - 150
Carbazole	1.50	1.960		mg/Kg		131	16 - 150
Chrysene	1.50	1.821		mg/Kg		121	31 - 150
Dibenz(a,h)anthracene	1.50	1.689		mg/Kg		113	26 - 150
Dibenzofuran	1.50	1.835		mg/Kg		122	27 - 123
Diethyl phthalate	1.50	1.909		mg/Kg		127	20 - 150
Dimethyl phthalate	1.50	1.883		mg/Kg		126	21 - 140
Di-n-butyl phthalate	1.50	2.002		mg/Kg		133	10 - 150
Di-n-octyl phthalate	1.50	2.165		mg/Kg		144	23 - 150
Fluoranthene	1.50	1.899		mg/Kg		127	27 - 150
Fluorene	1.50	1.890		mg/Kg		126	21 - 150

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

Lab Sample ID: LCS 400-733673/2-A
Matrix: Solid
Analysis Batch: 733790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobenzene	1.50	1.749		mg/Kg		117	23 - 121
Hexachlorobutadiene	1.50	1.661		mg/Kg		111	15 - 120
Hexachlorocyclopentadiene	1.50	1.610		mg/Kg		107	14 - 132
Hexachloroethane	1.50	1.641		mg/Kg		109	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.684		mg/Kg		112	33 - 150
Isophorone	1.50	1.730		mg/Kg		115	22 - 129
Naphthalene	1.50	1.735		mg/Kg		116	17 - 150
Nitrobenzene	1.50	1.733		mg/Kg		116	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.815		mg/Kg		121	23 - 128
N-Nitrosodiphenylamine	1.49	1.883		mg/Kg		127	21 - 137
Pentachlorophenol	3.00	4.174		mg/Kg		139	10 - 150
Phenanthrene	1.50	1.787		mg/Kg		119	24 - 150
Phenol	1.50	1.399		mg/Kg		93	10 - 150
Pyrene	1.50	1.887		mg/Kg		126	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*		*40 - 140*
2-Fluorobiphenyl (Surr)	*105*		*40 - 140*
2-Fluorophenol (Surr)	*113*		*40 - 140*
Nitrobenzene-d5 (Surr)	*103*		*40 - 140*
Phenol-d5 (Surr)	*89*		*40 - 140*
Terphenyl-d14 (Surr)	*110*		*40 - 140*

Lab Sample ID: MB 400-733746/1-A
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.321	0.00934	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,4,5-Trichlorophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,4,6-Trichlorophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,4-Dichlorophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,4-Dimethylphenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,4-Dinitrophenol	ND		0.963	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,4-Dinitrotoluene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2,6-Dinitrotoluene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2-Chloronaphthalene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2-Chlorophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2-Methylnaphthalene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2-Methylphenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2-Nitroaniline	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
2-Nitrophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
3 & 4 Methylphenol	ND		0.642	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
3,3'-Dichlorobenzidine	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
3-Nitroaniline	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
4,6-Dinitro-2-methylphenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
4-Bromophenyl phenyl ether	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
4-Chloro-3-methylphenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1

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

Lab Sample ID: MB 400-733746/1-A
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
4-Chlorophenyl phenyl ether	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
4-Nitroaniline	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
4-Nitrophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Acenaphthene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Acenaphthylene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Acetophenone	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Anthracene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Atrazine	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Benzaldehyde	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Benzo[a]anthracene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Benzo[a]pyrene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Benzo[b]fluoranthene	ND		0.321	0.00136	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Benzo[g,h,i]perylene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Benzo[k]fluoranthene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
bis (2-chloroisopropyl) ether	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Bis(2-chloroethoxy)methane	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Bis(2-chloroethyl)ether	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Bis(2-ethylhexyl) phthalate	ND		0.321	0.0973	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Butyl benzyl phthalate	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Caprolactam	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Carbazole	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Chrysene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Dibenz(a,h)anthracene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Dibenzofuran	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Diethyl phthalate	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Dimethyl phthalate	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Di-n-butyl phthalate	ND		0.963	0.292	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Di-n-octyl phthalate	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Fluoranthene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Fluorene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Hexachlorobenzene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Hexachlorobutadiene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Hexachlorocyclopentadiene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Hexachloroethane	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Indeno[1,2,3-cd]pyrene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Isophorone	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Naphthalene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Nitrobenzene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
N-Nitrosodi-n-propylamine	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
N-Nitrosodiphenylamine	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Pentachlorophenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Phenanthrene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Phenol	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1
Pyrene	ND		0.321	0.0321	mg/Kg		12/13/25 15:23	12/17/25 13:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*152*	*S1+*	*40 - 140*	*12/13/25 15:23*	*12/17/25 13:40*	*1*

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

Lab Sample ID: MB 400-733746/1-A
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733746

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	110		40 - 140	12/13/25 15:23	12/17/25 13:40	1
2-Fluorophenol (Surr)	98		40 - 140	12/13/25 15:23	12/17/25 13:40	1
Nitrobenzene-d5 (Surr)	137		40 - 140	12/13/25 15:23	12/17/25 13:40	1
Phenol-d5 (Surr)	88		40 - 140	12/13/25 15:23	12/17/25 13:40	1
Terphenyl-d14 (Surr)	107		40 - 140	12/13/25 15:23	12/17/25 13:40	1

Lab Sample ID: LCS 400-733746/2-A
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.49	1.541	I	mg/Kg		103	19 - 126
2,4,5-Trichlorophenol	1.49	1.382	I	mg/Kg		93	10 - 150
2,4,6-Trichlorophenol	1.49	1.463		mg/Kg		98	10 - 150
2,4-Dichlorophenol	1.49	1.967		mg/Kg		132	10 - 150
2,4-Dimethylphenol	1.49	0.5638		mg/Kg		38	10 - 141
2,4-Dinitrophenol	2.99	4.397		mg/Kg		147	10 - 150
2,4-Dinitrotoluene	1.49	2.527	I *+	mg/Kg		169	31 - 136
2,6-Dinitrotoluene	1.49	2.619	I *+	mg/Kg		175	31 - 137
2-Chloronaphthalene	1.49	1.822	I	mg/Kg		122	20 - 126
2-Chlorophenol	1.49	1.403	I	mg/Kg		94	10 - 150
2-Methylnaphthalene	1.49	1.780		mg/Kg		119	20 - 150
2-Methylphenol	1.49	1.328		mg/Kg		89	18 - 126
2-Nitroaniline	1.49	2.156	I	mg/Kg		144	30 - 150
2-Nitrophenol	1.49	2.694	*+	mg/Kg		180	19 - 150
3 & 4 Methylphenol	1.49	1.164		mg/Kg		78	10 - 150
3,3'-Dichlorobenzidine	2.99	2.255	I	mg/Kg		75	10 - 124
3-Nitroaniline	1.49	1.999	I	mg/Kg		134	10 - 148
4,6-Dinitro-2-methylphenol	2.99	4.810	I *+	mg/Kg		161	15 - 150
4-Bromophenyl phenyl ether	1.49	1.428		mg/Kg		96	21 - 129
4-Chloro-3-methylphenol	1.49	1.801		mg/Kg		121	16 - 150
4-Chloroaniline	1.49	1.375	I	mg/Kg		92	10 - 120
4-Chlorophenyl phenyl ether	1.49	1.550		mg/Kg		104	21 - 124
4-Nitroaniline	1.49	2.020	I	mg/Kg		135	21 - 146
4-Nitrophenol	2.99	4.355	I	mg/Kg		146	10 - 150
Acenaphthene	1.49	1.498	I	mg/Kg		100	21 - 150
Acenaphthylene	1.49	1.620	I	mg/Kg		108	22 - 150
Acetophenone	1.49	1.413	I	mg/Kg		95	15 - 128
Anthracene	1.49	1.778	I	mg/Kg		119	28 - 150
Atrazine	1.49	1.561		mg/Kg		104	10 - 150
Benzaldehyde	1.49	1.113		mg/Kg		75	10 - 150
Benzo[a]anthracene	1.49	1.763	I	mg/Kg		118	32 - 150
Benzo[a]pyrene	1.49	1.740	I	mg/Kg		116	24 - 150
Benzo[b]fluoranthene	1.49	1.666	I	mg/Kg		112	17 - 150
Benzo[g,h,i]perylene	1.49	1.933	I	mg/Kg		129	25 - 150
Benzo[k]fluoranthene	1.49	1.676	I	mg/Kg		112	24 - 150
bis (2-chloroisopropyl) ether	1.49	1.377		mg/Kg		92	13 - 125
Bis(2-chloroethoxy)methane	1.49	1.967	I	mg/Kg		132	16 - 132

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

Lab Sample ID: LCS 400-733746/2-A
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	1.49	1.449	I	mg/Kg		97	24 - 120
Bis(2-ethylhexyl) phthalate	1.49	1.726		mg/Kg		116	12 - 150
Butyl benzyl phthalate	1.49	1.954	I	mg/Kg		131	24 - 150
Caprolactam	1.49	1.678	I	mg/Kg		112	10 - 150
Carbazole	1.49	1.722	I	mg/Kg		115	16 - 150
Chrysene	1.49	1.672	I	mg/Kg		112	31 - 150
Dibenz(a,h)anthracene	1.49	1.831	I	mg/Kg		123	26 - 150
Dibenzofuran	1.49	1.573	I	mg/Kg		105	27 - 123
Diethyl phthalate	1.49	1.617		mg/Kg		108	20 - 150
Dimethyl phthalate	1.49	1.711	I	mg/Kg		115	21 - 140
Di-n-butyl phthalate	1.49	1.838		mg/Kg		123	10 - 150
Di-n-octyl phthalate	1.49	2.027	I	mg/Kg		136	23 - 150
Fluoranthene	1.49	1.754	I	mg/Kg		117	27 - 150
Fluorene	1.49	1.761	I	mg/Kg		118	21 - 150
Hexachlorobenzene	1.49	1.656		mg/Kg		111	23 - 121
Hexachlorobutadiene	1.49	1.871	I *+	mg/Kg		125	15 - 120
Hexachlorocyclopentadiene	1.49	2.333	*+	mg/Kg		156	14 - 132
Hexachloroethane	1.49	1.712	I	mg/Kg		115	20 - 120
Indeno[1,2,3-cd]pyrene	1.49	1.963	I	mg/Kg		131	33 - 150
Isophorone	1.49	1.348	I	mg/Kg		90	22 - 129
Naphthalene	1.49	1.853	I	mg/Kg		124	17 - 150
Nitrobenzene	1.49	2.119	*+	mg/Kg		142	22 - 126
N-Nitrosodi-n-propylamine	1.49	1.535	I	mg/Kg		103	23 - 128
N-Nitrosodiphenylamine	1.48	1.492	I	mg/Kg		101	21 - 137
Pentachlorophenol	2.99	4.295		mg/Kg		144	10 - 150
Phenanthrene	1.49	1.743	I	mg/Kg		117	24 - 150
Phenol	1.49	1.284	I	mg/Kg		86	10 - 150
Pyrene	1.49	1.801	I	mg/Kg		121	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*171*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*112*		*40 - 140*
2-Fluorophenol (Surr)	*98*		*40 - 140*
Nitrobenzene-d5 (Surr)	*137*		*40 - 140*
Phenol-d5 (Surr)	*87*		*40 - 140*
Terphenyl-d14 (Surr)	*110*		*40 - 140*

Lab Sample ID: 752-40145-8 MS
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		2.16	2.322		mg/Kg	☼	108	40 - 140
2,4,5-Trichlorophenol	ND		2.16	2.340		mg/Kg	☼	108	40 - 140
2,4,6-Trichlorophenol	ND		2.16	1.997		mg/Kg	☼	93	40 - 140
2,4-Dichlorophenol	ND		2.16	2.868		mg/Kg	☼	133	40 - 140
2,4-Dimethylphenol	ND	F1	2.16	0.1748	J F1	mg/Kg	☼	8	40 - 140
2,4-Dinitrophenol	ND	F1	4.31	7.893	F1	mg/Kg	☼	183	40 - 140

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

Lab Sample ID: 752-40145-8 MS
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	ND	*+ F1	2.16	3.768	F1	mg/Kg	☼	175	40 - 140
2,6-Dinitrotoluene	ND	*+ F1	2.16	3.952	F1	mg/Kg	☼	183	40 - 140
2-Chloronaphthalene	ND		2.16	2.706		mg/Kg	☼	125	40 - 140
2-Chlorophenol	ND		2.16	2.145		mg/Kg	☼	99	40 - 140
2-Methylnaphthalene	ND		2.16	2.718		mg/Kg	☼	126	40 - 140
2-Methylphenol	ND		2.16	1.863		mg/Kg	☼	86	40 - 140
2-Nitroaniline	ND	F1	2.16	3.196	F1	mg/Kg	☼	148	40 - 140
2-Nitrophenol	ND	*+ F1	2.16	4.011	F1	mg/Kg	☼	186	40 - 140
3 & 4 Methylphenol	ND		2.16	1.747		mg/Kg	☼	81	40 - 140
3,3'-Dichlorobenzidine	ND		4.31	2.936		mg/Kg	☼	68	40 - 140
3-Nitroaniline	ND		2.16	2.838		mg/Kg	☼	132	40 - 140
4,6-Dinitro-2-methylphenol	ND	*+ F1	4.31	7.555	F1	mg/Kg	☼	175	40 - 140
4-Bromophenyl phenyl ether	ND		2.16	2.169		mg/Kg	☼	101	40 - 140
4-Chloro-3-methylphenol	ND		2.16	2.972		mg/Kg	☼	138	40 - 140
4-Chloroaniline	ND		2.16	2.023		mg/Kg	☼	94	40 - 140
4-Chlorophenyl phenyl ether	ND		2.16	2.357		mg/Kg	☼	109	40 - 140
4-Nitroaniline	ND		2.16	2.531		mg/Kg	☼	117	40 - 140
4-Nitrophenol	ND	F1	4.31	6.304	F1	mg/Kg	☼	146	40 - 140
Acenaphthene	ND		2.16	2.272		mg/Kg	☼	105	40 - 140
Acenaphthylene	ND		2.16	2.418		mg/Kg	☼	112	40 - 140
Acetophenone	ND		2.16	2.251		mg/Kg	☼	104	40 - 140
Anthracene	ND		2.16	2.649		mg/Kg	☼	123	40 - 140
Atrazine	ND		2.16	2.105		mg/Kg	☼	98	40 - 140
Benzaldehyde	ND		2.16	1.590		mg/Kg	☼	74	40 - 140
Benzo[a]anthracene	0.0822	J	2.16	2.761		mg/Kg	☼	124	40 - 140
Benzo[a]pyrene	0.0933	J	2.16	2.715		mg/Kg	☼	122	40 - 140
Benzo[b]fluoranthene	0.152	J	2.16	2.624		mg/Kg	☼	115	40 - 140
Benzo[g,h,i]perylene	0.115	J	2.16	3.032		mg/Kg	☼	135	40 - 140
Benzo[k]fluoranthene	0.0608	J	2.16	2.703		mg/Kg	☼	122	40 - 140
bis (2-chloroisopropyl) ether	ND		2.16	2.137		mg/Kg	☼	99	40 - 140
Bis(2-chloroethoxy)methane	ND		2.16	2.962		mg/Kg	☼	137	40 - 140
Bis(2-chloroethyl)ether	ND		2.16	2.272		mg/Kg	☼	105	40 - 140
Bis(2-ethylhexyl) phthalate	ND	F1	2.16	2.740		mg/Kg	☼	127	40 - 140
Butyl benzyl phthalate	0.0572	J F1	2.16	3.046		mg/Kg	☼	139	40 - 140
Caprolactam	ND		2.16	2.180		mg/Kg	☼	101	40 - 140
Carbazole	ND		2.16	2.581		mg/Kg	☼	120	40 - 140
Chrysene	0.123	J	2.16	2.677		mg/Kg	☼	118	40 - 140
Dibenz(a,h)anthracene	ND		2.16	2.774		mg/Kg	☼	129	40 - 140
Dibenzofuran	ND		2.16	2.409		mg/Kg	☼	112	40 - 140
Diethyl phthalate	ND		2.16	2.373		mg/Kg	☼	110	40 - 140
Dimethyl phthalate	ND		2.16	2.546		mg/Kg	☼	118	40 - 140
Di-n-butyl phthalate	ND		2.16	2.805		mg/Kg	☼	130	40 - 140
Di-n-octyl phthalate	ND	F1	2.16	3.114	F1	mg/Kg	☼	144	40 - 140
Fluoranthene	0.198	J	2.16	2.862		mg/Kg	☼	124	40 - 140
Fluorene	ND		2.16	2.670		mg/Kg	☼	124	40 - 140
Hexachlorobenzene	ND		2.16	2.536		mg/Kg	☼	118	40 - 140
Hexachlorobutadiene	ND	*+	2.16	2.777		mg/Kg	☼	129	40 - 140
Hexachlorocyclopentadiene	ND	*+	2.16	2.158		mg/Kg	☼	100	40 - 140
Hexachloroethane	ND		2.16	2.681		mg/Kg	☼	124	40 - 140

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

Lab Sample ID: 752-40145-8 MS
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	0.0953	J	2.16	2.997		mg/Kg	☼	135	40 - 140
Isophorone	ND		2.16	2.139		mg/Kg	☼	99	40 - 140
Naphthalene	ND		2.16	2.807		mg/Kg	☼	130	40 - 140
Nitrobenzene	ND	*+ F1	2.16	3.343	F1	mg/Kg	☼	155	40 - 140
N-Nitrosodi-n-propylamine	ND		2.16	2.466		mg/Kg	☼	114	40 - 140
N-Nitrosodiphenylamine	ND		2.14	2.192		mg/Kg	☼	102	40 - 140
Pentachlorophenol	ND	F1	4.31	1.565	F1	mg/Kg	☼	36	40 - 140
Phenanthrene	0.112	J	2.16	2.727		mg/Kg	☼	121	40 - 140
Phenol	ND		2.16	1.931		mg/Kg	☼	90	40 - 140
Pyrene	0.192	J	2.16	2.883		mg/Kg	☼	125	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*153*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*106*		*40 - 140*
2-Fluorophenol (Surr)	*93*		*40 - 140*
Nitrobenzene-d5 (Surr)	*140*		*40 - 140*
Phenol-d5 (Surr)	*83*		*40 - 140*
Terphenyl-d14 (Surr)	*106*		*40 - 140*

Lab Sample ID: 752-40145-8 MSD
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		2.18	2.482		mg/Kg	☼	114	40 - 140	7	50
2,4,5-Trichlorophenol	ND		2.18	2.900		mg/Kg	☼	133	40 - 140	21	50
2,4,6-Trichlorophenol	ND		2.18	1.952		mg/Kg	☼	89	40 - 140	2	50
2,4-Dichlorophenol	ND		2.18	3.052		mg/Kg	☼	140	40 - 140	6	50
2,4-Dimethylphenol	ND	F1	2.18	0.1474	J F1	mg/Kg	☼	7	40 - 140	17	50
2,4-Dinitrophenol	ND	F1	4.37	8.419	F1	mg/Kg	☼	193	40 - 140	6	50
2,4-Dinitrotoluene	ND	*+ F1	2.18	4.071	F1	mg/Kg	☼	186	40 - 140	8	50
2,6-Dinitrotoluene	ND	*+ F1	2.18	4.322	F1	mg/Kg	☼	198	40 - 140	9	50
2-Chloronaphthalene	ND		2.18	2.966		mg/Kg	☼	136	40 - 140	9	50
2-Chlorophenol	ND		2.18	2.212		mg/Kg	☼	101	40 - 140	3	50
2-Methylnaphthalene	ND		2.18	2.854		mg/Kg	☼	131	40 - 140	5	50
2-Methylphenol	ND		2.18	1.941		mg/Kg	☼	89	40 - 140	4	50
2-Nitroaniline	ND	F1	2.18	3.590	F1	mg/Kg	☼	164	40 - 140	12	50
2-Nitrophenol	ND	*+ F1	2.18	4.278	F1	mg/Kg	☼	196	40 - 140	6	50
3 & 4 Methylphenol	ND		2.18	1.868		mg/Kg	☼	86	40 - 140	7	50
3,3'-Dichlorobenzidine	ND		4.37	3.010		mg/Kg	☼	69	40 - 140	2	50
3-Nitroaniline	ND		2.18	2.979		mg/Kg	☼	136	40 - 140	5	50
4,6-Dinitro-2-methylphenol	ND	*+ F1	4.37	8.224	F1	mg/Kg	☼	188	40 - 140	8	50
4-Bromophenyl phenyl ether	ND		2.18	2.235		mg/Kg	☼	102	40 - 140	3	50
4-Chloro-3-methylphenol	ND		2.18	3.053		mg/Kg	☼	140	40 - 140	3	50
4-Chloroaniline	ND		2.18	2.059		mg/Kg	☼	94	40 - 140	2	50
4-Chlorophenyl phenyl ether	ND		2.18	2.559		mg/Kg	☼	117	40 - 140	8	50
4-Nitroaniline	ND		2.18	2.709		mg/Kg	☼	124	40 - 140	7	50
4-Nitrophenol	ND	F1	4.37	7.127	F1	mg/Kg	☼	163	40 - 140	12	50

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

Lab Sample ID: 752-40145-8 MSD
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 733746

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		2.18	2.455		mg/Kg	☼	112	40 - 140	8	50
Acenaphthylene	ND		2.18	2.618		mg/Kg	☼	120	40 - 140	8	50
Acetophenone	ND		2.18	2.320		mg/Kg	☼	106	40 - 140	3	50
Anthracene	ND		2.18	2.702		mg/Kg	☼	124	40 - 140	2	50
Atrazine	ND		2.18	2.218		mg/Kg	☼	102	40 - 140	5	50
Benzaldehyde	ND		2.18	1.721		mg/Kg	☼	79	40 - 140	8	50
Benzo[a]anthracene	0.0822	J	2.18	2.837		mg/Kg	☼	126	40 - 140	3	50
Benzo[a]pyrene	0.0933	J	2.18	2.767		mg/Kg	☼	122	40 - 140	2	50
Benzo[b]fluoranthene	0.152	J	2.18	2.697		mg/Kg	☼	117	40 - 140	3	50
Benzo[g,h,i]perylene	0.115	J	2.18	3.091		mg/Kg	☼	136	40 - 140	2	50
Benzo[k]fluoranthene	0.0608	J	2.18	2.724		mg/Kg	☼	122	40 - 140	1	50
bis (2-chloroisopropyl) ether	ND		2.18	2.204		mg/Kg	☼	101	40 - 140	3	50
Bis(2-chloroethoxy)methane	ND		2.18	3.020		mg/Kg	☼	138	40 - 140	2	50
Bis(2-chloroethyl)ether	ND		2.18	2.327		mg/Kg	☼	107	40 - 140	2	50
Bis(2-ethylhexyl) phthalate	ND	F1	2.18	3.193	F1	mg/Kg	☼	146	40 - 140	15	50
Butyl benzyl phthalate	0.0572	J F1	2.18	3.167	F1	mg/Kg	☼	142	40 - 140	4	50
Caprolactam	ND		2.18	2.304		mg/Kg	☼	106	40 - 140	6	50
Carbazole	ND		2.18	2.663		mg/Kg	☼	122	40 - 140	3	50
Chrysene	0.123	J	2.18	2.803		mg/Kg	☼	123	40 - 140	5	50
Dibenz(a,h)anthracene	ND		2.18	2.847		mg/Kg	☼	130	40 - 140	3	50
Dibenzofuran	ND		2.18	2.635		mg/Kg	☼	121	40 - 140	9	50
Diethyl phthalate	ND		2.18	2.582		mg/Kg	☼	118	40 - 140	8	50
Dimethyl phthalate	ND		2.18	2.808		mg/Kg	☼	129	40 - 140	10	50
Di-n-butyl phthalate	ND		2.18	2.894		mg/Kg	☼	133	40 - 140	3	50
Di-n-octyl phthalate	ND	F1	2.18	3.295	F1	mg/Kg	☼	151	40 - 140	6	50
Fluoranthene	0.198	J	2.18	2.893		mg/Kg	☼	123	40 - 140	1	50
Fluorene	ND		2.18	2.913		mg/Kg	☼	133	40 - 140	9	50
Hexachlorobenzene	ND		2.18	2.611		mg/Kg	☼	120	40 - 140	3	50
Hexachlorobutadiene	ND	*+	2.18	2.795		mg/Kg	☼	128	40 - 140	1	50
Hexachlorocyclopentadiene	ND	*+	2.18	2.186		mg/Kg	☼	100	40 - 140	1	50
Hexachloroethane	ND		2.18	2.729		mg/Kg	☼	125	40 - 140	2	50
Indeno[1,2,3-cd]pyrene	0.0953	J	2.18	3.085		mg/Kg	☼	137	40 - 140	3	50
Isophorone	ND		2.18	2.201		mg/Kg	☼	101	40 - 140	3	50
Naphthalene	ND		2.18	2.873		mg/Kg	☼	132	40 - 140	2	50
Nitrobenzene	ND	*+ F1	2.18	3.487	F1	mg/Kg	☼	160	40 - 140	4	50
N-Nitrosodi-n-propylamine	ND		2.18	2.543		mg/Kg	☼	117	40 - 140	3	50
N-Nitrosodiphenylamine	ND		2.17	2.365		mg/Kg	☼	109	40 - 140	8	50
Pentachlorophenol	ND	F1	4.37	1.341	F1	mg/Kg	☼	31	40 - 140	15	50
Phenanthrene	0.112	J	2.18	2.801		mg/Kg	☼	123	40 - 140	3	50
Phenol	ND		2.18	2.000		mg/Kg	☼	92	40 - 140	4	50
Pyrene	0.192	J	2.18	2.909		mg/Kg	☼	124	40 - 140	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*159*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*116*		*40 - 140*
2-Fluorophenol (Surr)	*97*		*40 - 140*
Nitrobenzene-d5 (Surr)	*145*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*90*		*40 - 140*

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

Lab Sample ID: 752-40145-8 MSD
Matrix: Solid
Analysis Batch: 734084

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 733746

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Terphenyl-d14 (Surr)	*113*		*40 - 140*

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

Lab Sample ID: MB 400-733621/1-A
Matrix: Solid
Analysis Batch: 733966

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		12/12/25 10:42	12/16/25 15:12	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	*72*		*10 - 150*	*12/12/25 10:42*	*12/16/25 15:12*	*1*

Lab Sample ID: LCS 400-733621/2-A
Matrix: Solid
Analysis Batch: 733966

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2584		mg/Kg		97	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	*68*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-102702/1-A
Matrix: Solid
Analysis Batch: 102837

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			12/19/25 03:45	1

Lab Sample ID: LCS 705-102702/2-A
Matrix: Solid
Analysis Batch: 102837

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	251.3		mg/Kg		101	90 - 110

Lab Sample ID: MB 705-102702/1-A
Matrix: Solid
Analysis Batch: 102838

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			12/19/25 03:45	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-102702/2-A
Matrix: Solid
Analysis Batch: 102838

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	53.47		mg/Kg		107	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-101906/1-A
Matrix: Solid
Analysis Batch: 102374

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Arsenic	0.05725	J	0.600	0.0535	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Barium	ND		2.50	0.0142	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Beryllium	ND		0.500	0.0351	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Cadmium	ND		0.500	0.0163	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Chromium	ND		1.00	0.206	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Cobalt	ND		0.750	0.0283	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Copper	ND		0.500	0.0520	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Lead	ND		0.500	0.0590	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Manganese	ND		1.00	0.0615	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Nickel	ND		1.00	0.0262	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Selenium	ND		2.50	0.178	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Silver	ND		0.250	0.00290	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Thallium	ND		0.700	0.0422	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Vanadium	0.1793	J	1.00	0.126	mg/Kg		12/16/25 06:55	12/17/25 01:26	5
Zinc	ND		2.50	2.08	mg/Kg		12/16/25 06:55	12/17/25 01:26	5

Lab Sample ID: LCS 705-101906/2-A
Matrix: Solid
Analysis Batch: 102374

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.298		mg/Kg		93	80 - 120
Arsenic	10.0	9.565		mg/Kg		96	80 - 120
Barium	10.0	9.419		mg/Kg		94	80 - 120
Beryllium	10.0	8.971		mg/Kg		90	80 - 120
Cadmium	10.0	9.112		mg/Kg		91	80 - 120
Chromium	10.0	9.723		mg/Kg		97	80 - 120
Cobalt	10.0	9.946		mg/Kg		99	80 - 120
Copper	10.0	10.11		mg/Kg		101	80 - 120
Lead	10.0	10.01		mg/Kg		100	80 - 120
Manganese	10.0	9.444		mg/Kg		94	80 - 120
Nickel	10.0	9.744		mg/Kg		97	80 - 120
Selenium	10.0	9.221		mg/Kg		92	80 - 120
Silver	1.00	1.018		mg/Kg		102	80 - 120
Thallium	10.0	9.949		mg/Kg		99	80 - 120
Vanadium	10.0	9.865		mg/Kg		99	80 - 120
Zinc	10.0	9.725		mg/Kg		97	80 - 120

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

Lab Sample ID: 752-40145-1 MS
Matrix: Solid
Analysis Batch: 102374

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 101906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.360	J F1 F2	8.90	2.067	F1	mg/Kg	☼	19	75 - 125
Arsenic	2.15	B	8.90	9.832		mg/Kg	☼	86	75 - 125
Barium	58.6		8.90	72.82	4	mg/Kg	☼	159	75 - 125
Beryllium	0.283	J	8.90	8.337		mg/Kg	☼	90	75 - 125
Cadmium	0.280	J	8.90	8.492		mg/Kg	☼	92	75 - 125
Chromium	13.1	F1	8.90	23.08		mg/Kg	☼	112	75 - 125
Cobalt	5.98		8.90	15.22		mg/Kg	☼	104	75 - 125
Copper	41.2		8.90	52.39	4	mg/Kg	☼	126	75 - 125
Lead	55.6		8.90	67.20	4	mg/Kg	☼	130	75 - 125
Manganese	202		8.90	242.3	4	mg/Kg	☼	456	75 - 125
Nickel	20.2	F1	8.90	30.46		mg/Kg	☼	115	75 - 125
Selenium	0.259	J	8.90	7.006		mg/Kg	☼	76	75 - 125
Silver	0.0877	J	0.890	1.055		mg/Kg	☼	109	75 - 125
Thallium	0.0610	J	8.90	9.252		mg/Kg	☼	103	75 - 125
Vanadium	21.6	F1 F2 B	8.90	25.36	F1	mg/Kg	☼	43	75 - 125
Zinc	151		8.90	166.4	4	mg/Kg	☼	177	75 - 125

Lab Sample ID: 752-40145-1 MSD
Matrix: Solid
Analysis Batch: 102374

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 101906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.360	J F1 F2	8.90	4.023	F1 F2	mg/Kg	☼	41	75 - 125	64	20
Arsenic	2.15	B	8.90	11.60		mg/Kg	☼	106	75 - 125	17	20
Barium	58.6		8.90	76.70	4	mg/Kg	☼	203	75 - 125	5	20
Beryllium	0.283	J	8.90	7.925		mg/Kg	☼	86	75 - 125	5	20
Cadmium	0.280	J	8.90	8.200		mg/Kg	☼	89	75 - 125	3	20
Chromium	13.1	F1	8.90	25.21	F1	mg/Kg	☼	136	75 - 125	9	20
Cobalt	5.98		8.90	16.11		mg/Kg	☼	114	75 - 125	6	20
Copper	41.2		8.90	58.72	4	mg/Kg	☼	197	75 - 125	11	20
Lead	55.6		8.90	73.94	4	mg/Kg	☼	206	75 - 125	10	20
Manganese	202		8.90	287.4	4	mg/Kg	☼	962	75 - 125	17	20
Nickel	20.2	F1	8.90	33.52	F1	mg/Kg	☼	150	75 - 125	10	20
Selenium	0.259	J	8.90	7.895		mg/Kg	☼	86	75 - 125	12	20
Silver	0.0877	J	0.890	1.094		mg/Kg	☼	113	75 - 125	4	20
Thallium	0.0610	J	8.90	9.585		mg/Kg	☼	107	75 - 125	4	20
Vanadium	21.6	F1 F2 B	8.90	31.22	F2	mg/Kg	☼	109	75 - 125	21	20
Zinc	151		8.90	189.4	4	mg/Kg	☼	435	75 - 125	13	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-101749/1-A
Matrix: Solid
Analysis Batch: 102503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		12/16/25 11:33	12/17/25 10:35	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-101749/2-A
Matrix: Solid
Analysis Batch: 102503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101749

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.400	0.3935		mg/Kg		98	80 - 120		

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-734454/19
Matrix: Solid
Analysis Batch: 734454

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	0.04400	J	mg/L		88	50 - 150		

Lab Sample ID: MB 400-734277/1-A
Matrix: Solid
Analysis Batch: 734454

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		1.00	0.321	mg/Kg			12/19/25 12:08	1

Lab Sample ID: LCS 400-734277/2-A
Matrix: Solid
Analysis Batch: 734454

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.1	60.45		mg/Kg		102	90 - 110		

Lab Sample ID: 752-40145-5 MS
Matrix: Solid
Analysis Batch: 734454

Client Sample ID: SED-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	ND	F1	20.3	2.026	F1	mg/Kg	☼	10	90 - 110		

Lab Sample ID: 752-40145-5 MSD
Matrix: Solid
Analysis Batch: 734454

Client Sample ID: SED-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND	F1	20.3	1.945	F1	mg/Kg	☼	10	90 - 110	4	11

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-733802/1-A
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		12/15/25 10:01	12/17/25 22:15	1

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: LCS 400-733802/2-A
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733802

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	2.035		mg/Kg		102	85 - 115		

Lab Sample ID: 752-40145-1 MS
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 733802

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND	F1 F2	702	528.2		mg/Kg	☼	75	75 - 125		

Lab Sample ID: 752-40145-1 MSD
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 733802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND	F1 F2	696	234.5	F1 F2	mg/Kg	☼	34	75 - 125	77	15

Lab Sample ID: 752-40145-2 MS
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: SED-2
Prep Type: Total/NA
Prep Batch: 733802

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND		2.43	2.515		mg/Kg	☼	104	75 - 125		

Lab Sample ID: 752-40145-2 MSD
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: SED-2
Prep Type: Total/NA
Prep Batch: 733802

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND		2.58	2.843		mg/Kg	☼	110	75 - 125	12	15

Lab Sample ID: MB 400-734186/1-A
Matrix: Solid
Analysis Batch: 734595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		12/18/25 09:22	12/19/25 20:55	1

Lab Sample ID: LCS 400-734186/2-A
Matrix: Solid
Analysis Batch: 734595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.951		mg/Kg		98	85 - 115		

GC/MS VOA

Prep Batch: 101546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	5035	
752-40145-2	SED-2	Total/NA	Solid	5035	
752-40145-3	SED-3	Total/NA	Solid	5035	
752-40145-4	SED-4	Total/NA	Solid	5035	
752-40145-5	SED-5	Total/NA	Solid	5035	
752-40145-6	SED-6	Total/NA	Solid	5035	
752-40145-7	SED-7	Total/NA	Solid	5035	
752-40145-8	SED-Dup	Total/NA	Solid	5035	
752-40145-6 MS	SED-6	Total/NA	Solid	5035	
752-40145-6 MSD	SED-6	Total/NA	Solid	5035	

Analysis Batch: 101729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-3	SED-3	Total/NA	Solid	8260D	101546
752-40145-4	SED-4	Total/NA	Solid	8260D	101546
752-40145-7	SED-7	Total/NA	Solid	8260D	101546
MB 705-101729/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-101729/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-101729/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-101729/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-101729/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 102618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	8260D	101546
752-40145-2	SED-2	Total/NA	Solid	8260D	101546
752-40145-5	SED-5	Total/NA	Solid	8260D	101546
MB 705-102618/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-102618/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-102618/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-102618/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 102928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	8260D	103082
752-40145-2	SED-2	Total/NA	Solid	8260D	103082
752-40145-5	SED-5	Total/NA	Solid	8260D	103082
752-40145-8	SED-Dup	Total/NA	Solid	8260D	101546
MB 705-102928/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-102928/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-102928/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-102928/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-102928/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 103082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	5030B	
752-40145-2	SED-2	Total/NA	Solid	5030B	
752-40145-5	SED-5	Total/NA	Solid	5030B	

GC/MS VOA

Analysis Batch: 103384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-6	SED-6	Total/NA	Solid	8260D	101546
MB 705-103384/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-103384/3	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-103384/4	Lab Control Sample	Total/NA	Solid	8260D	
752-40145-6 MS	SED-6	Total/NA	Solid	8260D	101546
752-40145-6 MSD	SED-6	Total/NA	Solid	8260D	101546

Analysis Batch: 103682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-6	SED-6	Total/NA	Solid	8260D	101546
MB 705-103682/1006	Method Blank	Total/NA	Solid	8260D	
LCS 705-103682/1004	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-103682/1005	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 733621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	3546	
752-40145-2	SED-2	Total/NA	Solid	3546	
752-40145-3	SED-3	Total/NA	Solid	3546	
752-40145-4	SED-4	Total/NA	Solid	3546	
752-40145-5	SED-5	Total/NA	Solid	3546	
752-40145-6	SED-6	Total/NA	Solid	3546	
752-40145-7	SED-7	Total/NA	Solid	3546	
752-40145-8	SED-Dup	Total/NA	Solid	3546	
MB 400-733621/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-733621/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 733673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	3546	
752-40145-2	SED-2	Total/NA	Solid	3546	
752-40145-3	SED-3	Total/NA	Solid	3546	
752-40145-4	SED-4	Total/NA	Solid	3546	
752-40145-5	SED-5	Total/NA	Solid	3546	
752-40145-6	SED-6	Total/NA	Solid	3546	
752-40145-7	SED-7	Total/NA	Solid	3546	
MB 400-733673/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-733673/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 733746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-8	SED-Dup	Total/NA	Solid	3546	
MB 400-733746/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-733746/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-40145-8 MS	SED-Dup	Total/NA	Solid	3546	
752-40145-8 MSD	SED-Dup	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 733790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	8270E	733673
752-40145-2	SED-2	Total/NA	Solid	8270E	733673
MB 400-733673/1-A	Method Blank	Total/NA	Solid	8270E	733673
LCS 400-733673/2-A	Lab Control Sample	Total/NA	Solid	8270E	733673

Analysis Batch: 733966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	8270E SIM ID	733621
752-40145-2	SED-2	Total/NA	Solid	8270E SIM ID	733621
752-40145-3	SED-3	Total/NA	Solid	8270E SIM ID	733621
752-40145-4	SED-4	Total/NA	Solid	8270E SIM ID	733621
752-40145-5	SED-5	Total/NA	Solid	8270E SIM ID	733621
752-40145-6	SED-6	Total/NA	Solid	8270E SIM ID	733621
752-40145-7	SED-7	Total/NA	Solid	8270E SIM ID	733621
752-40145-8	SED-Dup	Total/NA	Solid	8270E SIM ID	733621
MB 400-733621/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	733621
LCS 400-733621/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	733621

Analysis Batch: 734084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-3	SED-3	Total/NA	Solid	8270E	733673
752-40145-4	SED-4	Total/NA	Solid	8270E	733673
752-40145-5	SED-5	Total/NA	Solid	8270E	733673
752-40145-6	SED-6	Total/NA	Solid	8270E	733673
752-40145-7	SED-7	Total/NA	Solid	8270E	733673
752-40145-8	SED-Dup	Total/NA	Solid	8270E	733746
MB 400-733746/1-A	Method Blank	Total/NA	Solid	8270E	733746
LCS 400-733746/2-A	Lab Control Sample	Total/NA	Solid	8270E	733746
752-40145-8 MS	SED-Dup	Total/NA	Solid	8270E	733746
752-40145-8 MSD	SED-Dup	Total/NA	Solid	8270E	733746

HPLC/IC

Leach Batch: 102702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Soluble	Solid	DI Leach	
752-40145-2	SED-2	Soluble	Solid	DI Leach	
752-40145-3	SED-3	Soluble	Solid	DI Leach	
752-40145-4	SED-4	Soluble	Solid	DI Leach	
752-40145-5	SED-5	Soluble	Solid	DI Leach	
752-40145-6	SED-6	Soluble	Solid	DI Leach	
752-40145-7	SED-7	Soluble	Solid	DI Leach	
752-40145-8	SED-Dup	Soluble	Solid	DI Leach	
MB 705-102702/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-102702/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 102837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Soluble	Solid	9056A	102702
752-40145-2	SED-2	Soluble	Solid	9056A	102702
752-40145-3	SED-3	Soluble	Solid	9056A	102702

HPLC/IC (Continued)

Analysis Batch: 102837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-4	SED-4	Soluble	Solid	9056A	102702
752-40145-5	SED-5	Soluble	Solid	9056A	102702
752-40145-6	SED-6	Soluble	Solid	9056A	102702
752-40145-7	SED-7	Soluble	Solid	9056A	102702
752-40145-8	SED-Dup	Soluble	Solid	9056A	102702
MB 705-102702/1-A	Method Blank	Soluble	Solid	9056A	102702
LCS 705-102702/2-A	Lab Control Sample	Soluble	Solid	9056A	102702

Analysis Batch: 102838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Soluble	Solid	9056A	102702
752-40145-2	SED-2	Soluble	Solid	9056A	102702
752-40145-3	SED-3	Soluble	Solid	9056A	102702
752-40145-4	SED-4	Soluble	Solid	9056A	102702
752-40145-5	SED-5	Soluble	Solid	9056A	102702
752-40145-6	SED-6	Soluble	Solid	9056A	102702
752-40145-7	SED-7	Soluble	Solid	9056A	102702
752-40145-8	SED-Dup	Soluble	Solid	9056A	102702
MB 705-102702/1-A	Method Blank	Soluble	Solid	9056A	102702
LCS 705-102702/2-A	Lab Control Sample	Soluble	Solid	9056A	102702

Metals

Prep Batch: 101749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	7471B	
752-40145-2	SED-2	Total/NA	Solid	7471B	
752-40145-3	SED-3	Total/NA	Solid	7471B	
752-40145-4	SED-4	Total/NA	Solid	7471B	
752-40145-5	SED-5	Total/NA	Solid	7471B	
752-40145-6	SED-6	Total/NA	Solid	7471B	
752-40145-7	SED-7	Total/NA	Solid	7471B	
752-40145-8	SED-Dup	Total/NA	Solid	7471B	
MB 705-101749/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-101749/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 101906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	3050B	
752-40145-2	SED-2	Total/NA	Solid	3050B	
752-40145-3	SED-3	Total/NA	Solid	3050B	
752-40145-4	SED-4	Total/NA	Solid	3050B	
752-40145-5	SED-5	Total/NA	Solid	3050B	
752-40145-6	SED-6	Total/NA	Solid	3050B	
752-40145-7	SED-7	Total/NA	Solid	3050B	
752-40145-8	SED-Dup	Total/NA	Solid	3050B	
MB 705-101906/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-101906/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-40145-1 MS	SED-1	Total/NA	Solid	3050B	
752-40145-1 MSD	SED-1	Total/NA	Solid	3050B	

Metals

Analysis Batch: 102374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	6020B	101906
752-40145-2	SED-2	Total/NA	Solid	6020B	101906
752-40145-3	SED-3	Total/NA	Solid	6020B	101906
752-40145-4	SED-4	Total/NA	Solid	6020B	101906
752-40145-5	SED-5	Total/NA	Solid	6020B	101906
752-40145-6	SED-6	Total/NA	Solid	6020B	101906
752-40145-7	SED-7	Total/NA	Solid	6020B	101906
752-40145-8	SED-Dup	Total/NA	Solid	6020B	101906
MB 705-101906/1-A	Method Blank	Total/NA	Solid	6020B	101906
LCS 705-101906/2-A	Lab Control Sample	Total/NA	Solid	6020B	101906
752-40145-1 MS	SED-1	Total/NA	Solid	6020B	101906
752-40145-1 MSD	SED-1	Total/NA	Solid	6020B	101906

Analysis Batch: 102503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	7471B	101749
752-40145-2	SED-2	Total/NA	Solid	7471B	101749
752-40145-3	SED-3	Total/NA	Solid	7471B	101749
752-40145-4	SED-4	Total/NA	Solid	7471B	101749
752-40145-5	SED-5	Total/NA	Solid	7471B	101749
752-40145-6	SED-6	Total/NA	Solid	7471B	101749
752-40145-7	SED-7	Total/NA	Solid	7471B	101749
752-40145-8	SED-Dup	Total/NA	Solid	7471B	101749
MB 705-101749/1-A	Method Blank	Total/NA	Solid	7471B	101749
LCS 705-101749/2-A	Lab Control Sample	Total/NA	Solid	7471B	101749

General Chemistry

Prep Batch: 733802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	3060A	
752-40145-2	SED-2	Total/NA	Solid	3060A	
752-40145-3	SED-3	Total/NA	Solid	3060A	
752-40145-4	SED-4	Total/NA	Solid	3060A	
752-40145-5	SED-5	Total/NA	Solid	3060A	
752-40145-6	SED-6	Total/NA	Solid	3060A	
MB 400-733802/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-733802/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-40145-1 MS	SED-1	Total/NA	Solid	3060A	
752-40145-1 MSD	SED-1	Total/NA	Solid	3060A	
752-40145-2 MS	SED-2	Total/NA	Solid	3060A	
752-40145-2 MSD	SED-2	Total/NA	Solid	3060A	

Analysis Batch: 733825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	Moisture	
752-40145-2	SED-2	Total/NA	Solid	Moisture	
752-40145-3	SED-3	Total/NA	Solid	Moisture	
752-40145-4	SED-4	Total/NA	Solid	Moisture	
752-40145-5	SED-5	Total/NA	Solid	Moisture	
752-40145-6	SED-6	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 733825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-7	SED-7	Total/NA	Solid	Moisture	
752-40145-8	SED-Dup	Total/NA	Solid	Moisture	

Analysis Batch: 734145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Total/NA	Solid	7199	733802
752-40145-2	SED-2	Total/NA	Solid	7199	733802
752-40145-3	SED-3	Total/NA	Solid	7199	733802
752-40145-4	SED-4	Total/NA	Solid	7199	733802
752-40145-5	SED-5	Total/NA	Solid	7199	733802
752-40145-6	SED-6	Total/NA	Solid	7199	733802
MB 400-733802/1-A	Method Blank	Total/NA	Solid	7199	733802
LCS 400-733802/2-A	Lab Control Sample	Total/NA	Solid	7199	733802
752-40145-1 MS	SED-1	Total/NA	Solid	7199	733802
752-40145-1 MSD	SED-1	Total/NA	Solid	7199	733802
752-40145-2 MS	SED-2	Total/NA	Solid	7199	733802
752-40145-2 MSD	SED-2	Total/NA	Solid	7199	733802

Prep Batch: 734186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-7	SED-7	Total/NA	Solid	3060A	
752-40145-8	SED-Dup	Total/NA	Solid	3060A	
MB 400-734186/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-734186/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Leach Batch: 734277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Soluble	Solid	DI Leach	
752-40145-2	SED-2	Soluble	Solid	DI Leach	
752-40145-3	SED-3	Soluble	Solid	DI Leach	
752-40145-4	SED-4	Soluble	Solid	DI Leach	
752-40145-5	SED-5	Soluble	Solid	DI Leach	
752-40145-6	SED-6	Soluble	Solid	DI Leach	
752-40145-7	SED-7	Soluble	Solid	DI Leach	
752-40145-8	SED-Dup	Soluble	Solid	DI Leach	
MB 400-734277/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-734277/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-40145-5 MS	SED-5	Soluble	Solid	DI Leach	
752-40145-5 MSD	SED-5	Soluble	Solid	DI Leach	

Analysis Batch: 734454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-1	SED-1	Soluble	Solid	350.1	734277
752-40145-2	SED-2	Soluble	Solid	350.1	734277
752-40145-3	SED-3	Soluble	Solid	350.1	734277
752-40145-4	SED-4	Soluble	Solid	350.1	734277
752-40145-5	SED-5	Soluble	Solid	350.1	734277
752-40145-6	SED-6	Soluble	Solid	350.1	734277
752-40145-7	SED-7	Soluble	Solid	350.1	734277
752-40145-8	SED-Dup	Soluble	Solid	350.1	734277
MB 400-734277/1-A	Method Blank	Soluble	Solid	350.1	734277

General Chemistry (Continued)

Analysis Batch: 734454 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-734277/2-A	Lab Control Sample	Soluble	Solid	350.1	734277
MRL 400-734454/19	Lab Control Sample	Total/NA	Solid	350.1	
752-40145-5 MS	SED-5	Soluble	Solid	350.1	734277
752-40145-5 MSD	SED-5	Soluble	Solid	350.1	734277

Analysis Batch: 734595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40145-7	SED-7	Total/NA	Solid	7199	734186
752-40145-8	SED-Dup	Total/NA	Solid	7199	734186
MB 400-734186/1-A	Method Blank	Total/NA	Solid	7199	734186
LCS 400-734186/2-A	Lab Control Sample	Total/NA	Solid	7199	734186

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40145-1
Project/Site: East Durham Park

Client Sample ID: SED-1
Lab Sample ID: 752-40145-1
Date Collected: 12/10/25 13:15
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-1
Lab Sample ID: 752-40145-1
Date Collected: 12/10/25 13:15
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 65.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	102618	RC	EET ATL 1	12/18/25 18:53
Total/NA	Prep	5030B			103082	RC	EET ATL	12/19/25 15:06
Total/NA	Analysis	8260D		1	102928	Y1S	EET ATL 1	12/19/25 15:42
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/16/25 00:55
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 20:08
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 06:15
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 06:15
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 01:31
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 10:58
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:55
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		2	734145	AR	EET PEN	12/17/25 22:40

Client Sample ID: SED-2
Lab Sample ID: 752-40145-2
Date Collected: 12/10/25 12:50
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-2
Lab Sample ID: 752-40145-2
Date Collected: 12/10/25 12:50
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	102618	RC	EET ATL 1	12/18/25 19:14
Total/NA	Prep	5030B			103082	RC	EET ATL	12/19/25 15:06
Total/NA	Analysis	8260D		1	102928	Y1S	EET ATL 1	12/19/25 16:03

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40145-1
Project/Site: East Durham Park

Client Sample ID: SED-2
Lab Sample ID: 752-40145-2

Date Collected: 12/10/25 12:50
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/16/25 01:25
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 20:29
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 06:27
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 06:27
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 01:40
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:01
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:58
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/17/25 23:18

Client Sample ID: SED-3
Lab Sample ID: 752-40145-3

Date Collected: 12/10/25 12:05
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-3
Lab Sample ID: 752-40145-3

Date Collected: 12/10/25 12:05
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 74.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	101729	Y1S	EET ATL	12/15/25 17:36
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	734084	S1B	EET PEN	12/17/25 13:10
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 20:51
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 06:38
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 06:38
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 01:43
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:04
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 13:01

Lab Chronicle

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

Job ID: 752-40145-1

Client Sample ID: SED-3

Lab Sample ID: 752-40145-3

Date Collected: 12/10/25 12:05
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 74.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/17/25 23:56

Client Sample ID: SED-4

Lab Sample ID: 752-40145-4

Date Collected: 12/10/25 11:25
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-4

Lab Sample ID: 752-40145-4

Date Collected: 12/10/25 11:25
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	101729	Y1S	EET ATL	12/15/25 18:01
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	734084	S1B	EET PEN	12/17/25 16:41
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 21:12
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 06:50
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 06:50
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 01:45
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:14
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 13:03
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 00:09

Client Sample ID: SED-5

Lab Sample ID: 752-40145-5

Date Collected: 12/10/25 11:00
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-5
Lab Sample ID: 752-40145-5

Date Collected: 12/10/25 11:00
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	102618	RC	EET ATL 1	12/18/25 19:34
Total/NA	Prep	5030B			103082	RC	EET ATL	12/19/25 15:06
Total/NA	Analysis	8260D		1	102928	Y1S	EET ATL 1	12/19/25 18:07
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	734084	S1B	EET PEN	12/17/25 17:11
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 21:33
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 07:01
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 07:01
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 01:47
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:18
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:13
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 00:47

Client Sample ID: SED-6
Lab Sample ID: 752-40145-6

Date Collected: 12/10/25 10:00
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-6
Lab Sample ID: 752-40145-6

Date Collected: 12/10/25 10:00
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		50	103384	Y1S	EET ATL	12/22/25 01:16
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		50	103682	AG	EET ATL	12/22/25 16:56
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	734084	S1B	EET PEN	12/17/25 17:42
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 21:54
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 07:13
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 07:13

Lab Chronicle

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

Job ID: 752-40145-1

Client Sample ID: SED-6

Lab Sample ID: 752-40145-6
Date Collected: 12/10/25 10:00
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 02:04
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:21
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:23
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 00:59

Client Sample ID: SED-7

Lab Sample ID: 752-40145-7
Date Collected: 12/10/25 09:25
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-7

Lab Sample ID: 752-40145-7
Date Collected: 12/10/25 09:25
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 75.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	101729	Y1S	EET ATL	12/15/25 19:16
Total/NA	Prep	3546			733673	MH	EET PEN	12/12/25 14:03
Total/NA	Analysis	8270E		1	734084	S1B	EET PEN	12/17/25 18:12
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 22:16
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 07:24
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 07:24
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 02:07
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:24
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 13:06
Total/NA	Prep	3060A			734186	AC	EET PEN	12/18/25 09:22
Total/NA	Analysis	7199		1	734595	AR	EET PEN	12/20/25 02:23

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40145-1
Project/Site: East Durham Park

Client Sample ID: SED-Dup
Lab Sample ID: 752-40145-8
Date Collected: 12/10/25 00:00
Matrix: Solid
Date Received: 12/10/25 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733825	TMP	EET PEN	12/15/25 11:35

Client Sample ID: SED-Dup
Lab Sample ID: 752-40145-8
Date Collected: 12/10/25 00:00
Matrix: Solid
Date Received: 12/10/25 17:15
Percent Solids: 68.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101546	KA	EET ATL	12/14/25 11:12
Total/NA	Analysis	8260D		1	102928	Y1S	EET ATL 1	12/19/25 16:44
Total/NA	Prep	3546			733746	MH	EET PEN	12/13/25 15:23
Total/NA	Analysis	8270E		1	734084	S1B	EET PEN	12/17/25 15:41
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 13:54
Total/NA	Analysis	8270E SIM ID		2	733966	S1B	EET PEN	12/16/25 22:37
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102837	MS	EET ATL 2	12/19/25 07:36
Soluble	Leach	DI Leach			102702	MS	EET ATL	12/18/25 13:01
Soluble	Analysis	9056A		1	102838	MS	EET ATL 2	12/19/25 07:36
Total/NA	Prep	3050B			101906	BR	EET ATL	12/16/25 06:55
Total/NA	Analysis	6020B		5	102374	TT	EET ATL	12/17/25 02:09
Total/NA	Prep	7471B			101749	KB	EET ATL	12/16/25 11:33
Total/NA	Analysis	7471B		1	102503	TA	EET ATL	12/17/25 11:27
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 13:09
Total/NA	Prep	3060A			734186	AC	EET PEN	12/18/25 09:22
Total/NA	Analysis	7199		1	734595	AR	EET PEN	12/20/25 02:36

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-40145-1
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	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
8260D	5030B	Solid	Ethyl acetate
8260D	5035	Solid	Ethyl acetate
8260D	5035	Solid	Hexane
8260D	5035	Solid	Isopropyl ether
8260D	5035	Solid	n-Heptane

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: S&ME Inc
Job ID: 752-40145-1
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 2
6020B	Metals (ICP/MS)	SW846	EET ATL
7471B	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET ATL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
5035	Closed System Purge and Trap	SW846	EET ATL
7471B	Preparation, Mercury	SW846	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

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

Sample Summary

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

Job ID: 752-40145-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40145-1	SED-1	Solid	12/10/25 13:15	12/10/25 17:15	North Carolina
752-40145-2	SED-2	Solid	12/10/25 12:50	12/10/25 17:15	North Carolina
752-40145-3	SED-3	Solid	12/10/25 12:05	12/10/25 17:15	North Carolina
752-40145-4	SED-4	Solid	12/10/25 11:25	12/10/25 17:15	North Carolina
752-40145-5	SED-5	Solid	12/10/25 11:00	12/10/25 17:15	North Carolina
752-40145-6	SED-6	Solid	12/10/25 10:00	12/10/25 17:15	North Carolina
752-40145-7	SED-7	Solid	12/10/25 09:25	12/10/25 17:15	North Carolina
752-40145-8	SED-Dup	Solid	12/10/25 00:00	12/10/25 17:15	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170210-59870.1
Client Contact: Jerry Paul	Phone: (580)337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 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

752-40145 COC

Other: NCDEQ EQuIS EDDs

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, ST=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 Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	PL	N	N	N	A		
SED-1	12/10/25	1315	G	S			X	X	X	X	X	X	X		
SED-2		1250					X	X	X	X	X	X	X		
SED-3		1205					X	X	X	X	X	X	X		
SED-4		1125					X	X	X	X	X	X	X		
SED-5		1100					X	X	X	X	X	X	X		
SED-6		1000					X	X	X	X	X	X	X		
SED-7		0925					X	X	X	X	X	X	X		
SED-DUP		—					X	X	X	X	X	X	X		

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-10-25 1715			12/10/25 1715	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.8/3.6°C, 4.0/3.8°C, 3.8/3.6°C, 3.6/3.4°C

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.: 752-7499.1
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 #: 752-40145-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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/3546SVOC TCL OLM4 2	8270E_SIM_ID_DS/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SED-1 (752-40145-1)	12/10/25	13 15 Eastern	G	Solid			X	X	X	X	X		
SED-2 (752-40145-2)	12/10/25	12 50 Eastern	G	Solid			X	X	X	X	X		
SED-3 (752-40145-3)	12/10/25	12 05 Eastern	G	Solid			X	X	X	X	X		
SED-4 (752-40145-4)	12/10/25	11 25 Eastern	G	Solid			X	X	X	X	X		
SED-5 (752-40145-5)	12/10/25	11 00 Eastern	G	Solid			X	X	X	X	X		
SED-6 (752-40145-6)	12/10/25	10 00 Eastern	G	Solid			X	X	X	X	X		
SED-7 (752-40145-7)	12/10/25	09 25 Eastern	G	Solid			X	X	X	X	X		
SED-Dup (752-40145-8)	12/10/25	Eastern	G	Solid			X	X	X	X	X		

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	12/11/25 1700			12/12/25 0910	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks: 0.8°C/IR8 0.4°C, 0.0°C/IR 11

Ver 10/10/2024

12/29/2025

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7496.1
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 #: 752-40145-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/19/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East 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	7473Mercury	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	8260D/5035FP_CalcVOC NC 02L List	Total Number of containers	Special Instructions/Note:
Preservation Code:													
SED-1 (752-40145-1)	12/10/25	13:15 Eastern	G	Solid			X	X	X	X	X	5	
SED-2 (752-40145-2)	12/10/25	12:50 Eastern	G	Solid			X	X	X	X	X	5	
SED-3 (752-40145-3)	12/10/25	12:05 Eastern	G	Solid			X	X	X	X	X	5	
SED-4 (752-40145-4)	12/10/25	11:25 Eastern	G	Solid			X	X	X	X	X	5	
SED-5 (752-40145-5)	12/10/25	11:00 Eastern	G	Solid			X	X	X	X	X	5	
SED-6 (752-40145-6)	12/10/25	10:00 Eastern	G	Solid			X	X	X	X	X	5	
SED-7 (752-40145-7)	12/10/25	09:25 Eastern	G	Solid			X	X	X	X	X	5	
SED-Dup (752-40145-8)	12/10/25	Eastern	G	Solid			X	X	X	X	X	5	

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

Possible Hazard Identification	*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: 12/5 1640	Company	Received by:	Date/Time: 12/12/25 10/30	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: .5 + 2 ice packs

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40145-1

Login Number: 40145

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: 752-40145-1

Login Number: 40145
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/12/25 04:55 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: 752-40145-1

Login Number: 40145
List Number: 2
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 12/12/25 12:31 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.3°C IR8, 0.4°C, 0.0°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV – NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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
48		67-64-1	Acetone			ug/m^3	LFGP-1									
2.1		75-71-8	Dichlorodifluoromethane			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	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	4.8E-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-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	48	1.44	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
					Cumulative:	0.0E+00	6.0E-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-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	48	0.48	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
					Cumulative:	0.0E+00	4.8E-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-2 Risk Assessment
Submittal Date:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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
11	J	67-64-1	Acetone			ug/m^3	LFGP-2									
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2									
1.9	J	75-09-2	Methylene Chloride			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	5.6E-10	7.2E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.5E-11	5.7E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	11	0.33	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
75-09-2	Methylene Chloride	1.9	0.057	1.0E+02	1.3E+02	5.6E-10	9.1E-05
					Cumulative:	5.6E-10	7.2E-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-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	11	0.11	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
75-09-2	Methylene Chloride	1.9	0.019	1.2E+03	5.3E+02	1.5E-11	7.2E-06
					Cumulative:	1.5E-11	5.7E-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-3 Risk Assessment
Submittal Date:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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
12	J	67-64-1	Acetone			ug/m^3	LFGP-3									
2.2	J	75-71-8	Dichlorodifluoromethane			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	6.3E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	5.0E-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	12	0.36	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
					Cumulative:	0.0E+00	6.3E-04

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	12	0.12	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
					Cumulative:	0.0E+00	5.0E-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-5 Risk Assessment
Submittal Date:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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:

DUP taken at LFGP-5. Highest concentration taken from the two.

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
11	J	67-64-1	Acetone			ug/m^3	LFGP-DUP									
6.3		110-82-7	Cyclohexane			ug/m^3	LFGP-DUP									
2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-5									
8.5		110-54-3	Hexane, N-			ug/m^3	LFGP-DUP									
8	J	67-63-0	Isopropanol			ug/m^3	LFGP-DUP									
2.4	J	127-18-4	Tetrachloroethylene			ug/m^3	LFGP-5									
39		108-88-3	Toluene			ug/m^3	LFGP-DUP									
4.8		75-69-4	Trichlorofluoromethane			ug/m^3	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-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	6.7E-09	4.1E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	5.1E-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 - 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	11	0.33	-	-		
110-82-7	Cyclohexane	6.3	0.189	-	1.3E+03		3.0E-05
75-71-8	Dichlorodifluoromethane	2	0.06	-	2.1E+01		5.8E-04
110-54-3	Hexane, N-	8.5	0.255	-	1.5E+02		3.5E-04
67-63-0	Isopropanol	8	0.24	-	4.2E+01		1.2E-03
127-18-4	Tetrachloroethylene	2.4	0.072	1.1E+01	8.3E+00	6.7E-09	1.7E-03
108-88-3	Toluene	39	1.17	-	1.0E+03		2.2E-04
75-69-4	Trichlorofluoromethane	4.8	0.144	-	-		
					Cumulative:	6.7E-09	4.1E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	11	0.11	-	-		
110-82-7	Cyclohexane	6.3	0.063	-	5.3E+03		2.4E-06
75-71-8	Dichlorodifluoromethane	2	0.02	-	8.8E+01		4.6E-05
110-54-3	Hexane, N-	8.5	0.085	-	6.1E+02		2.8E-05
67-63-0	Isopropanol	8	0.08	-	1.8E+02		9.1E-05
127-18-4	Tetrachloroethylene	2.4	0.024	4.7E+01	3.5E+01	5.1E-10	1.4E-04
108-88-3	Toluene	39	0.39	-	4.4E+03		1.8E-05
75-69-4	Trichlorofluoromethane	4.8	0.048	-	-		
					Cumulative:	5.1E-10	3.2E-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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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:

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
2.1	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-6									
6.2	J	67-63-0	Isopropanol			ug/m^3	LFGP-6									

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	0.0E+00	1.5E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.2E-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 - 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
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
67-63-0	Isopropanol	6.2	0.186	-	4.2E+01		8.9E-04
					Cumulative:	0.0E+00	1.5E-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-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
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
67-63-0	Isopropanol	6.2	0.062	-	1.8E+02		7.1E-05
					Cumulative:	0.0E+00	1.2E-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-7 Risk Assessment
Submittal Date:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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
6	J	67-64-1	Acetone			ug/m^3	LFGP-7									
2.1	J	75-71-8	Dichlorodifluoromethane			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	6.0E-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	4.8E-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-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	6	0.18	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
					Cumulative:	0.0E+00	6.0E-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	6	0.06	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
					Cumulative:	0.0E+00	4.8E-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-8 Risk Assessment
Submittal Date:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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
20		67-64-1	Acetone			ug/m^3	LFGP-8									
2.2	J	75-71-8	Dichlorodifluoromethane			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	6.3E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	5.0E-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	20	0.6	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
					Cumulative:	0.0E+00	6.3E-04

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	20	0.2	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
					Cumulative:	0.0E+00	5.0E-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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

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
7	J	67-64-1	Acetone			ug/m^3	LFGP-9									
2.5	J	75-71-8	Dichlorodifluoromethane			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	7.2E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	5.7E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	7	0.21	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.075	-	2.1E+01		7.2E-04
					Cumulative:	0.0E+00	7.2E-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	7	0.07	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.025	-	8.8E+01		5.7E-05
					Cumulative:	0.0E+00	5.7E-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:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
4.3	J	67-64-1	Acetone			ug/L	SW-1									
21	J	7664-41-7	Ammonia			ug/L	SW-1									
38.3		7440-39-3	Barium			ug/L	SW-1									
0.48	J	67-66-3	Chloroform			ug/L	SW-1									
2.09		7440-50-8	Copper			ug/L	SW-1									
59.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.66	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
11.1		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*	1.6E-08	2.5E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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
67-64-1	Acetone	4.3	4.3				1.9E-05	6.3E-07	1.9E-05
7664-41-7	Ammonia	21	21						
7440-39-3	Barium	38.3	38.3				7.6E-04	5.7E-04	1.3E-03
67-66-3	Chloroform	0.48	0.48	7.9E-09	7.9E-09	1.6E-08	1.9E-04	1.0E-04	2.9E-04
7440-50-8	Copper	2.09	2.09				2.1E-04	1.1E-05	2.2E-04
7439-96-5	Manganese (Non-diet)	59.4	59.4				9.8E-03	1.3E-02	2.3E-02
7440-02-0	Nickel Soluble Salts	1.66	1.66				3.3E-04	8.7E-05	4.1E-04
7440-66-6	Zinc and Compounds	11.1	11.1				1.5E-04	4.6E-06	1.5E-04
					Cumulative:	1.6E-08			2.5E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
401		7664-41-7	Ammonia			ug/L	SW-2									
38.4		7440-39-3	Barium			ug/L	SW-2									
0.506	J	67-66-3	Chloroform			ug/L	SW-2									
2.36		7440-50-8	Copper			ug/L	SW-2									
41.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.76	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
19.7	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-2									
13.5		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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*	1.7E-08	1.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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
7664-41-7	Ammonia	401	401						
7440-39-3	Barium	38.4	38.4				7.6E-04	5.7E-04	1.3E-03
67-66-3	Chloroform	0.506	0.506	8.3E-09	8.3E-09	1.7E-08	2.0E-04	1.1E-04	3.1E-04
7440-50-8	Copper	2.36	2.36				2.3E-04	1.2E-05	2.5E-04
7439-96-5	Manganese (Non-diet)	41.4	41.4				6.8E-03	9.0E-03	1.6E-02
7440-02-0	Nickel Soluble Salts	1.76	1.76				3.5E-04	9.2E-05	4.4E-04
14797-65-0	Nitrite (measured as nitrogen)	19.7	19.7				7.8E-04	4.1E-05	8.2E-04
7440-66-6	Zinc and Compounds	13.5	13.5				1.8E-04	5.7E-06	1.8E-04
					Cumulative:	1.7E-08			1.9E-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:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-3 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SW-3. Highest concentration taken between the two.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (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
5.73	J	67-64-1	Acetone			ug/L	SW-3									
471		7664-41-7	Ammonia			ug/L	SW-DUP									
40.9		7440-39-3	Barium			ug/L	SW-3									
0.988	J	75-27-4	Bromodichloromethane			ug/L	SW-3									
3.53		67-66-3	Chloroform			ug/L	SW-3									
0.55	J	7440-48-4	Cobalt			ug/L	SW-3									
4.84		7440-50-8	Copper			ug/L	SW-DUP									
3.11		7439-92-1	~Lead and Compounds			ug/L	SW-DUP									
46.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-DUP									
1.57	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
67	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-DUP									
0.606	J B	7440-28-0	Thallium (Soluble Salts)			ug/L	SW-3									
3.56	J	7440-62-2	Vanadium and Compounds			ug/L	SW-3									
50.9		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-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*	1.7E-07	2.9E-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-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
67-64-1	Acetone	5.73	5.73				2.5E-05	8.3E-07	2.6E-05
7664-41-7	Ammonia	471	471						
7440-39-3	Barium	40.9	40.9				8.1E-04	6.1E-04	1.4E-03
75-27-4	Bromodichloromethane	0.988	0.988	3.3E-08	2.4E-08	5.6E-08	4.9E-04	1.9E-04	6.8E-04
67-66-3	Chloroform	3.53	3.53	5.8E-08	5.8E-08	1.2E-07	1.4E-03	7.4E-04	2.1E-03
7440-48-4	Cobalt	0.55	0.55				7.2E-03	1.5E-04	7.4E-03
7440-50-8	Copper	4.84	4.84				4.8E-04	2.5E-05	5.0E-04
7439-92-1	~Lead and Compounds	3.11	3.11						
7439-96-5	Manganese (Non-diet)	46.3	46.3				7.6E-03	1.0E-02	1.8E-02
7440-02-0	Nickel Soluble Salts	1.57	1.57				3.1E-04	8.2E-05	3.9E-04
14797-65-0	Nitrite (measured as nitrogen)	67	67				2.6E-03	1.4E-04	2.8E-03
7440-28-0	Thallium (Soluble Salts)	0.606	0.606				**2.4E-01**	1.3E-02	**2.5E-01**
7440-62-2	Vanadium and Compounds	3.56	3.56				2.8E-03	5.7E-03	8.5E-03
7440-66-6	Zinc and Compounds	50.9	50.9				6.7E-04	2.1E-05	6.9E-04
					Cumulative:	1.7E-07			2.9E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SW-4 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
4.33	J	67-64-1	Acetone			ug/L	SW-4									
218		7664-41-7	Ammonia			ug/L	SW-4									
39.3		7440-39-3	Barium			ug/L	SW-4									
0.841	J	75-27-4	Bromodichloromethane			ug/L	SW-4									
2.84		67-66-3	Chloroform			ug/L	SW-4									
3.83		7440-50-8	Copper			ug/L	SW-4									
2.89		7439-92-1	~Lead and Compounds			ug/L	SW-4									
37.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
1.42	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
57.2	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-4									
3.21	J	7440-62-2	Vanadium and Compounds			ug/L	SW-4									
45.3		7440-66-6	Zinc and Compounds			ug/L	SW-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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*	1.4E-07	2.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	4.33	4.33				1.9E-05	6.3E-07	2.0E-05
7664-41-7	Ammonia	218	218						
7440-39-3	Barium	39.3	39.3				7.8E-04	5.9E-04	1.4E-03
75-27-4	Bromodichloromethane	0.841	0.841	2.8E-08	2.0E-08	4.8E-08	4.1E-04	1.6E-04	5.8E-04
67-66-3	Chloroform	2.84	2.84	4.7E-08	4.7E-08	9.3E-08	1.1E-03	6.0E-04	1.7E-03
7440-50-8	Copper	3.83	3.83				3.8E-04	2.0E-05	4.0E-04
7439-92-1	~Lead and Compounds	2.89	2.89						
7439-96-5	Manganese (Non-diet)	37.5	37.5				6.2E-03	8.2E-03	1.4E-02
7440-02-0	Nickel Soluble Salts	1.42	1.42				2.8E-04	7.4E-05	3.5E-04
14797-65-0	Nitrite (measured as nitrogen)	57.2	57.2				2.3E-03	1.2E-04	2.4E-03
7440-62-2	Vanadium and Compounds	3.21	3.21				2.5E-03	5.1E-03	7.6E-03
7440-66-6	Zinc and Compounds	45.3	45.3				6.0E-04	1.9E-05	6.1E-04
					Cumulative:	1.4E-07			2.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
4.35	J	67-64-1	Acetone			ug/L	SW-5									
189		7664-41-7	Ammonia			ug/L	SW-5									
34.7		7440-39-3	Barium			ug/L	SW-5									
0.704	J	75-27-4	Bromodichloromethane			ug/L	SW-5									
2.41		67-66-3	Chloroform			ug/L	SW-5									
4.06		7440-50-8	Copper			ug/L	SW-5									
2.79		7439-92-1	~Lead and Compounds			ug/L	SW-5									
38.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
1.66	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
48.4	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-5									
2.73	J	7440-62-2	Vanadium and Compounds			ug/L	SW-5									
37.7		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*	1.2E-07	2.8E-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-5 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	4.35	4.35				1.9E-05	6.3E-07	2.0E-05
7664-41-7	Ammonia	189	189						
7440-39-3	Barium	34.7	34.7				6.8E-04	5.2E-04	1.2E-03
75-27-4	Bromodichloromethane	0.704	0.704	2.3E-08	1.7E-08	4.0E-08	3.5E-04	1.3E-04	4.8E-04
67-66-3	Chloroform	2.41	2.41	4.0E-08	4.0E-08	7.9E-08	9.5E-04	5.1E-04	1.5E-03
7440-50-8	Copper	4.06	4.06				4.0E-04	2.1E-05	4.2E-04
7439-92-1	~Lead and Compounds	2.79	2.79						
7439-96-5	Manganese (Non-diet)	38.3	38.3				6.3E-03	8.3E-03	1.5E-02
7440-02-0	Nickel Soluble Salts	1.66	1.66				3.3E-04	8.7E-05	4.1E-04
14797-65-0	Nitrite (measured as nitrogen)	48.4	48.4				1.9E-03	1.0E-04	2.0E-03
7440-62-2	Vanadium and Compounds	2.73	2.73				2.1E-03	4.4E-03	6.5E-03
7440-66-6	Zinc and Compounds	37.7	37.7				5.0E-04	1.6E-05	5.1E-04
					Cumulative:	1.2E-07			2.8E-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:	SW-6 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
152		7664-41-7	Ammonia			ug/L	SW-6									
32.5		7440-39-3	Barium			ug/L	SW-6									
0.557	J	75-27-4	Bromodichloromethane			ug/L	SW-6									
1.71		67-66-3	Chloroform			ug/L	SW-6									
3.41		7440-50-8	Copper			ug/L	SW-6									
2.63		7439-92-1	~Lead and Compounds			ug/L	SW-6									
21.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.02	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
37.4	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-6									
0.463	J B	7440-28-0	Thallium (Soluble Salts)			ug/L	SW-6									
2.3	J	7440-62-2	Vanadium and Compounds			ug/L	SW-6									
24		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*	8.8E-08	2.1E-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-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	152	152						
7440-39-3	Barium	32.5	32.5				6.4E-04	4.9E-04	1.1E-03
75-27-4	Bromodichloromethane	0.557	0.557	1.8E-08	1.3E-08	3.2E-08	2.7E-04	1.1E-04	3.8E-04
67-66-3	Chloroform	1.71	1.71	2.8E-08	2.8E-08	5.6E-08	6.7E-04	3.6E-04	1.0E-03
7440-50-8	Copper	3.41	3.41				3.4E-04	1.8E-05	3.5E-04
7439-92-1	~Lead and Compounds	2.63	2.63						
7439-96-5	Manganese (Non-diet)	21.3	21.3				3.5E-03	4.6E-03	8.1E-03
7440-02-0	Nickel Soluble Salts	1.02	1.02				2.0E-04	5.3E-05	2.5E-04
14797-65-0	Nitrite (measured as nitrogen)	37.4	37.4				1.5E-03	7.8E-05	1.6E-03
7440-28-0	Thallium (Soluble Salts)	0.463	0.463				1.8E-01	9.7E-03	1.9E-01
7440-62-2	Vanadium and Compounds	2.3	2.3				1.8E-03	3.7E-03	5.5E-03
7440-66-6	Zinc and Compounds	24	24				3.2E-04	1.0E-05	3.3E-04
					Cumulative:	8.8E-08			2.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/16/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
137		7664-41-7	Ammonia			ug/L	SW-7									
34.1		7440-39-3	Barium			ug/L	SW-7									
0.476	J	75-27-4	Bromodichloromethane			ug/L	SW-7									
1.64		67-66-3	Chloroform			ug/L	SW-7									
3.63		7440-50-8	Copper			ug/L	SW-7									
2.79		7439-92-1	~Lead and Compounds			ug/L	SW-7									
19.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.02	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
37.2	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-7									
2.58	J	7440-62-2	Vanadium and Compounds			ug/L	SW-7									
23.7		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*	8.1E-08	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
7664-41-7	Ammonia	137	137						
7440-39-3	Barium	34.1	34.1				6.7E-04	5.1E-04	1.2E-03
75-27-4	Bromodichloromethane	0.476	0.476	1.6E-08	1.1E-08	2.7E-08	2.3E-04	9.1E-05	3.3E-04
67-66-3	Chloroform	1.64	1.64	2.7E-08	2.7E-08	5.4E-08	6.5E-04	3.5E-04	9.9E-04
7440-50-8	Copper	3.63	3.63				3.6E-04	1.9E-05	3.8E-04
7439-92-1	~Lead and Compounds	2.79	2.79						
7439-96-5	Manganese (Non-diet)	19.2	19.2				3.2E-03	4.2E-03	7.3E-03
7440-02-0	Nickel Soluble Salts	1.02	1.02				2.0E-04	5.3E-05	2.5E-04
14797-65-0	Nitrite (measured as nitrogen)	37.2	37.2				1.5E-03	7.8E-05	1.5E-03
7440-62-2	Vanadium and Compounds	2.58	2.58				2.0E-03	4.1E-03	6.1E-03
7440-66-6	Zinc and Compounds	23.7	23.7				3.1E-04	9.9E-06	3.2E-04
					Cumulative:	8.1E-08			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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
0.326		67-64-1	Acetone			mg/kg	SED-1									
2.3		7664-41-7	Ammonia			mg/kg	SED-1									
0.36	J F1 F2	7440-36-0	Antimony (metallic)			mg/kg	SED-1									
2.15	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
58.6		7440-39-3	Barium			mg/kg	SED-1									
0.0817	J	100-52-7	Benzaldehyde			mg/kg	SED-1									
0.283	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.28	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
0.187	J *+	105-60-2	Caprolactam			mg/kg	SED-1									
13.1	F1	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
5.98		7440-48-4	Cobalt			mg/kg	SED-1									
41.2		7440-50-8	Copper			mg/kg	SED-1									
55.6		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
202		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
0.0271	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-1									
0.0126	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-1									
0.00508	J	108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)			mg/kg	SED-1									
20.2	F1	7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
3.59	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.259	J	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-1									
0.0524	J	85-68-7	~Butyl Benzyl Phthalate			mg/kg	SED-1									
0.0516	J	120-12-7	~Anthracene			mg/kg	SED-1									
0.241	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
0.255	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.426	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.147	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-1									
0.314	J	218-01-9	~Chrysene			mg/kg	SED-1									
0.525		206-44-0	~Fluoranthene			mg/kg	SED-1									
0.209	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
0.0511	J	91-57-6	~Methylnaphthalene, 2-			mg/kg	SED-1									
0.477	J	129-00-0	~Pyrene			mg/kg	SED-1									
0.259	J	7782-49-2	Selenium			mg/kg	SED-1									
0.0877	J	7440-22-4	Silver			mg/kg	SED-1									
0.061	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-1									
21.6	F1 F2 B	7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
151		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	6.2E-06	6.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	8.8E-07	4.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.6E-06	2.8E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.326	0.326	0.326					4.6E-06			4.6E-06
7664-41-7	Ammonia	2.3	2.3	2.3							7.4E-11	7.4E-11
7440-36-0	Antimony (metallic)	0.36	0.36	0.36					1.2E-02		1.9E-08	1.2E-02
7440-38-2	Arsenic, Inorganic	2.15	2.15	2.15	**2.8E-06**	3.9E-07	5.6E-11	3.2E-06	5.5E-02	6.5E-03	2.3E-06	6.2E-02
7440-39-3	Barium	58.6	58.6	58.6					3.7E-03		1.9E-06	3.7E-03
100-52-7	Benzaldehyde	0.0817	0.0817	0.0817	4.7E-10			4.7E-10	1.0E-05			1.0E-05
7440-41-7	Beryllium and compounds	0.283	0.283	0.283			4.1E-12	4.1E-12	1.8E-03		2.3E-07	1.8E-03
7440-43-9	Cadmium (Diet)	0.28	0.28	0.28			3.0E-12	3.0E-12	3.6E-02	3.4E-03	4.5E-07	3.9E-02
105-60-2	Caprolactam	0.187	0.187	0.187					4.8E-06	1.1E-06	1.4E-09	5.9E-06
16065-83-1	Chromium(III), Insoluble Salts	13.1	13.1	13.1					1.1E-04			1.1E-04
7440-48-4	Cobalt	5.98	5.98	5.98			3.2E-10	3.2E-10	**2.5E-01**		1.6E-05	**2.5E-01**
7440-50-8	Copper	41.2	41.2	41.2					1.3E-02			1.3E-02
7439-92-1	~Lead and Compounds	55.6	55.6	55.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	202	202	202					1.1E-01		6.5E-05	1.1E-01
7439-97-6	~Mercury (elemental)	0.0271	0.0271	0.0271							3.6E-03	3.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0126	0.0126	0.0126					2.7E-07		1.9E-07	4.5E-07
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	0.00508	0.00508	0.00508							1.4E-07	1.4E-07
7440-02-0	Nickel Soluble Salts	20.2	20.2	20.2			3.2E-11	3.2E-11	1.3E-02		3.3E-05	1.3E-02
14797-55-8	Nitrate (measured as nitrogen)	3.59	3.59	3.59					2.9E-05			2.9E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	0.259	0.259	0.259	5.2E-09	1.5E-09	3.7E-15	6.7E-09	1.7E-04	3.9E-05		2.0E-04
85-68-7	~Butyl Benzyl Phthalate	0.0524	0.0524	0.0524	1.4E-10	4.0E-11		1.8E-10	3.3E-06	7.9E-07		4.1E-06
120-12-7	~Anthracene	0.0516	0.0516	0.0516					2.2E-06	6.8E-07		2.9E-06
56-55-3	~Benz[a]anthracene	0.241	0.241	0.241	1.6E-07	5.3E-08	3.0E-09	2.1E-07				
50-32-8	~Benzo[a]pyrene	0.255	0.255	0.255	**1.7E-06**	5.6E-07	2.5E-12	2.2E-06	1.1E-02	3.4E-03	2.1E-06	1.4E-02
205-99-2	~Benzo[b]fluoranthene	0.426	0.426	0.426	2.8E-07	9.3E-08	4.2E-13	3.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.147	0.147	0.147	9.6E-09	3.2E-09	1.5E-14	1.3E-08				
218-01-9	~Chrysene	0.314	0.314	0.314	2.1E-09	6.8E-10	3.1E-15	2.7E-09				
206-44-0	~Fluoranthene	0.525	0.525	0.525					1.7E-04	5.2E-05		2.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.209	0.209	0.209	1.4E-07	4.6E-08	2.1E-13	1.8E-07				
91-57-6	~Methylnaphthalene, 2-	0.0511	0.0511	0.0511					1.6E-04	5.0E-05		2.1E-04
129-00-0	~Pyrene	0.477	0.477	0.477					2.0E-04	6.3E-05		2.7E-04
7782-49-2	Selenium	0.259	0.259	0.259					6.6E-04		2.1E-10	6.6E-04
7440-22-4	Silver	0.0877	0.0877	0.0877					2.2E-04			2.2E-04
7440-28-0	Thallium (Soluble Salts)	0.061	0.061	0.061					7.8E-02			7.8E-02
7440-62-2	Vanadium and Compounds	21.6	21.6	21.6					5.5E-02		3.5E-06	5.5E-02
7440-66-6	Zinc and Compounds	151	151	151					6.4E-03			6.4E-03
						Cumulative:		6.2E-06				6.7E-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-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.326	0.326	0.326					3.1E-07			3.1E-07
7664-41-7	Ammonia	2.3	2.3	2.3							1.8E-11	1.8E-11
7440-36-0	Antimony (metallic)	0.36	0.36	0.36					7.7E-04		4.6E-09	7.7E-04
7440-38-2	Arsenic, Inorganic	2.15	2.15	2.15	5.9E-07	1.3E-07	1.3E-11	7.2E-07	3.7E-03	7.8E-04	5.5E-07	4.5E-03
7440-39-3	Barium	58.6	58.6	58.6					2.5E-04		4.5E-07	2.5E-04
100-52-7	Benzaldehyde	0.0817	0.0817	0.0817	1.0E-10			1.0E-10	7.0E-07			7.0E-07
7440-41-7	Beryllium and compounds	0.283	0.283	0.283			9.3E-13	9.3E-13	1.2E-04		5.4E-08	1.2E-04
7440-43-9	Cadmium (Diet)	0.28	0.28	0.28			6.9E-13	6.9E-13	2.4E-03	4.1E-04	1.1E-07	2.8E-03
105-60-2	Caprolactam	0.187	0.187	0.187					3.2E-07	1.4E-07	3.3E-10	4.6E-07
16065-83-1	Chromium(III), Insoluble Salts	13.1	13.1	13.1					7.5E-06			7.5E-06
7440-48-4	Cobalt	5.98	5.98	5.98			7.4E-11	7.4E-11	1.7E-02		3.8E-06	1.7E-02
7440-50-8	Copper	41.2	41.2	41.2					8.8E-04			8.8E-04
7439-92-1	~Lead and Compounds	55.6	55.6	55.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	202	202	202					7.2E-03		1.6E-05	7.2E-03
7439-97-6	~Mercury (elemental)	0.0271	0.0271	0.0271							8.5E-04	8.5E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0126	0.0126	0.0126					1.8E-08		4.4E-08	6.2E-08
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	0.00508	0.00508	0.00508							3.4E-08	3.4E-08
7440-02-0	Nickel Soluble Salts	20.2	20.2	20.2			7.2E-12	7.2E-12	8.6E-04		7.8E-06	8.7E-04
14797-55-8	Nitrate (measured as nitrogen)	3.59	3.59	3.59					1.9E-06			1.9E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.259	0.259	0.259	1.1E-09	4.7E-10	8.5E-16	1.6E-09	1.1E-05	4.7E-06		1.6E-05
85-68-7	~Butyl Benzyl Phthalate	0.0524	0.0524	0.0524	3.0E-11	1.3E-11		4.3E-11	2.2E-07	9.5E-08		3.2E-07
120-12-7	~Anthracene	0.0516	0.0516	0.0516					1.5E-07	8.1E-08		2.3E-07
56-55-3	~Benz[a]anthracene	0.241	0.241	0.241	7.4E-09	4.1E-09	2.5E-10	1.2E-08				
50-32-8	~Benzo[a]pyrene	0.255	0.255	0.255	7.8E-08	4.3E-08	2.1E-13	1.2E-07	7.3E-04	4.0E-04	4.9E-07	1.1E-03
205-99-2	~Benzo[b]fluoranthene	0.426	0.426	0.426	1.3E-08	7.2E-09	3.5E-14	2.0E-08				
207-08-9	~Benzo[k]fluoranthene	0.147	0.147	0.147	4.5E-10	2.5E-10	1.2E-15	7.0E-10				
218-01-9	~Chrysene	0.314	0.314	0.314	9.6E-11	5.3E-11	2.6E-16	1.5E-10				
206-44-0	~Fluoranthene	0.525	0.525	0.525					1.1E-05	6.2E-06		1.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.209	0.209	0.209	6.4E-09	3.5E-09	1.7E-14	9.9E-09				
91-57-6	~Methylnaphthalene, 2-	0.0511	0.0511	0.0511					1.1E-05	6.0E-06		1.7E-05
129-00-0	~Pyrene	0.477	0.477	0.477					1.4E-05	7.5E-06		2.1E-05
7782-49-2	Selenium	0.259	0.259	0.259					4.4E-05		5.0E-11	4.4E-05
7440-22-4	Silver	0.0877	0.0877	0.0877					1.5E-05			1.5E-05
7440-28-0	Thallium (Soluble Salts)	0.061	0.061	0.061					5.2E-03			5.2E-03
7440-62-2	Vanadium and Compounds	21.6	21.6	21.6					3.7E-03		8.3E-07	3.7E-03
7440-66-6	Zinc and Compounds	151	151	151					4.3E-04			4.3E-04
						Cumulative:		8.8E-07				4.6E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.326	0.326	0.326					2.0E-06			2.0E-06
7664-41-7	Ammonia	2.3	2.3	2.3							2.7E-12	2.7E-12
7440-36-0	Antimony (metallic)	0.36	0.36	0.36					4.9E-03		6.9E-10	4.9E-03
7440-38-2	Arsenic, Inorganic	2.15	2.15	2.15	**1.2E-06**	1.7E-07	2.0E-12	**1.4E-06**	2.4E-02	2.8E-03	8.3E-08	2.6E-02
7440-39-3	Barium	58.6	58.6	58.6					1.6E-03		6.8E-08	1.6E-03
100-52-7	Benzaldehyde	0.0817	0.0817	0.0817	2.0E-10			2.0E-10	4.5E-06			4.5E-06
7440-41-7	Beryllium and compounds	0.283	0.283	0.283			1.5E-13	1.5E-13	7.8E-04		8.2E-09	7.8E-04
7440-43-9	Cadmium (Diet)	0.28	0.28	0.28			1.1E-13	1.1E-13	1.5E-02	1.5E-03	1.6E-08	1.7E-02
105-60-2	Caprolactam	0.187	0.187	0.187					2.0E-06	4.9E-07	4.9E-11	2.5E-06
16065-83-1	Chromium(III), Insoluble Salts	13.1	13.1	13.1					4.8E-05			4.8E-05
7440-48-4	Cobalt	5.98	5.98	5.98			1.2E-11	1.2E-11	1.1E-01		5.8E-07	1.1E-01
7440-50-8	Copper	41.2	41.2	41.2					5.6E-03			5.6E-03
7439-92-1	~Lead and Compounds	55.6	55.6	55.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	202	202	202					4.6E-02		2.3E-06	4.6E-02
7439-97-6	~Mercury (elemental)	0.0271	0.0271	0.0271							1.3E-04	1.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0126	0.0126	0.0126					1.2E-07		6.6E-09	1.2E-07
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	0.00508	0.00508	0.00508							5.2E-09	5.2E-09
7440-02-0	Nickel Soluble Salts	20.2	20.2	20.2			1.1E-12	1.1E-12	5.5E-03		1.2E-06	5.5E-03
14797-55-8	Nitrate (measured as nitrogen)	3.59	3.59	3.59					1.2E-05			1.2E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	0.259	0.259	0.259	2.2E-09	6.3E-10	1.3E-16	2.9E-09	7.1E-05	1.7E-05		8.8E-05
85-68-7	~Butyl Benzyl Phthalate	0.0524	0.0524	0.0524	6.1E-11	1.7E-11		7.9E-11	1.4E-06	3.4E-07		1.8E-06
120-12-7	~Anthracene	0.0516	0.0516	0.0516					9.4E-07	2.9E-07		1.2E-06
56-55-3	~Benz[a]anthracene	0.241	0.241	0.241	6.7E-08	2.3E-08	1.1E-10	9.0E-08				
50-32-8	~Benzo[a]pyrene	0.255	0.255	0.255	7.1E-07	2.4E-07	9.1E-14	9.5E-07	4.7E-03	1.4E-03	7.4E-08	6.1E-03
205-99-2	~Benzo[b]fluoranthene	0.426	0.426	0.426	1.2E-07	4.0E-08	1.5E-14	1.6E-07				
207-08-9	~Benzo[k]fluoranthene	0.147	0.147	0.147	4.1E-09	1.4E-09	5.2E-16	5.5E-09				
218-01-9	~Chrysene	0.314	0.314	0.314	8.8E-10	2.9E-10	1.1E-16	1.2E-09				
206-44-0	~Fluoranthene	0.525	0.525	0.525					7.2E-05	2.2E-05		9.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.209	0.209	0.209	5.8E-08	2.0E-08	7.4E-15	7.8E-08				
91-57-6	~Methylnaphthalene, 2-	0.0511	0.0511	0.0511					7.0E-05	2.2E-05		9.2E-05
129-00-0	~Pyrene	0.477	0.477	0.477					8.7E-05	2.7E-05		1.1E-04
7782-49-2	Selenium	0.259	0.259	0.259					2.8E-04		7.5E-12	2.8E-04
7440-22-4	Silver	0.0877	0.0877	0.0877					9.6E-05			9.6E-05
7440-28-0	Thallium (Soluble Salts)	0.061	0.061	0.061					3.3E-02			3.3E-02
7440-62-2	Vanadium and Compounds	21.6	21.6	21.6					2.3E-02		1.2E-07	2.3E-02
7440-66-6	Zinc and Compounds	151	151	151					2.8E-03			2.8E-03
						Cumulative:		2.6E-06				2.8E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
0.109	J	67-64-1	Acetone			mg/kg	SED-2									
0.549	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
12.7		7440-39-3	Barium			mg/kg	SED-2									
0.0663	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.0544	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
0.151	J *+	105-60-2	Caprolactam			mg/kg	SED-2									
3.91		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
2.14		7440-48-4	Cobalt			mg/kg	SED-2									
13.5		7440-50-8	Copper			mg/kg	SED-2									
13.4		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
65.4		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
0.00634	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-2									
7.93		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
1.37	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.0241	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.0215	J	7440-22-4	Silver			mg/kg	SED-2									
8.06	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
40.6		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	8.3E-07	1.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.8E-07	1.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.6E-07	7.8E-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
67-64-1	Acetone	0.109	0.109	0.109					1.5E-06			1.5E-06
7440-38-2	Arsenic, Inorganic	0.549	0.549	0.549	7.1E-07	1.0E-07	1.4E-11	8.1E-07	1.4E-02	1.7E-03	5.9E-07	1.6E-02
7440-39-3	Barium	12.7	12.7	12.7					8.1E-04		4.1E-07	8.1E-04
7440-41-7	Beryllium and compounds	0.0663	0.0663	0.0663			9.6E-13	9.6E-13	4.2E-04		5.4E-08	4.2E-04
7440-43-9	Cadmium (Diet)	0.0544	0.0544	0.0544			5.9E-13	5.9E-13	7.0E-03	6.6E-04	8.8E-08	7.6E-03
105-60-2	Caprolactam	0.151	0.151	0.151					3.9E-06	9.2E-07	1.1E-09	4.8E-06
16065-83-1	Chromium(III), Insoluble Salts	3.91	3.91	3.91					3.3E-05			3.3E-05
7440-48-4	Cobalt	2.14	2.14	2.14			1.2E-10	1.2E-10	9.1E-02		5.8E-06	9.1E-02
7440-50-8	Copper	13.5	13.5	13.5					4.3E-03			4.3E-03
7439-92-1	~Lead and Compounds	13.4	13.4	13.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	65.4	65.4	65.4					3.5E-02		2.1E-05	3.5E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00634	0.00634	0.00634					1.4E-07		9.4E-08	2.3E-07
7440-02-0	Nickel Soluble Salts	7.93	7.93	7.93			1.2E-11	1.2E-11	5.1E-03		1.3E-05	5.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1.37	1.37	1.37					1.1E-05			1.1E-05
205-99-2	~Benzo[b]fluoranthene	0.0241	0.0241	0.0241	1.6E-08	5.3E-09	2.4E-14	2.1E-08				
7440-22-4	Silver	0.0215	0.0215	0.0215					5.5E-05			5.5E-05
7440-62-2	Vanadium and Compounds	8.06	8.06	8.06					2.0E-02		1.3E-06	2.0E-02
7440-66-6	Zinc and Compounds	40.6	40.6	40.6					1.7E-03			1.7E-03
						Cumulative:		8.3E-07				1.8E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.109	0.109	0.109					1.0E-07			1.0E-07
7440-38-2	Arsenic, Inorganic	0.549	0.549	0.549	1.5E-07	3.2E-08	3.2E-12	1.8E-07	9.4E-04	2.0E-04	1.4E-07	1.1E-03
7440-39-3	Barium	12.7	12.7	12.7					5.4E-05		9.8E-08	5.4E-05
7440-41-7	Beryllium and compounds	0.0663	0.0663	0.0663			2.2E-13	2.2E-13	2.8E-05		1.3E-08	2.8E-05
7440-43-9	Cadmium (Diet)	0.0544	0.0544	0.0544			1.3E-13	1.3E-13	4.7E-04	7.9E-05	2.1E-08	5.4E-04
105-60-2	Caprolactam	0.151	0.151	0.151					2.6E-07	1.1E-07	2.6E-10	3.7E-07
16065-83-1	Chromium(III), Insoluble Salts	3.91	3.91	3.91					2.2E-06			2.2E-06
7440-48-4	Cobalt	2.14	2.14	2.14			2.6E-11	2.6E-11	6.1E-03		1.4E-06	6.1E-03
7440-50-8	Copper	13.5	13.5	13.5					2.9E-04			2.9E-04
7439-92-1	~Lead and Compounds	13.4	13.4	13.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	65.4	65.4	65.4					2.3E-03		5.0E-06	2.3E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00634	0.00634	0.00634					9.0E-09		2.2E-08	3.1E-08
7440-02-0	Nickel Soluble Salts	7.93	7.93	7.93			2.8E-12	2.8E-12	3.4E-04		3.1E-06	3.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.37	1.37	1.37					7.3E-07			7.3E-07
205-99-2	~Benzo[b]fluoranthene	0.0241	0.0241	0.0241	7.4E-10	4.1E-10	2.0E-15	1.1E-09				
7440-22-4	Silver	0.0215	0.0215	0.0215					3.7E-06			3.7E-06
7440-62-2	Vanadium and Compounds	8.06	8.06	8.06					1.4E-03		3.1E-07	1.4E-03
7440-66-6	Zinc and Compounds	40.6	40.6	40.6					1.2E-04			1.2E-04
						Cumulative:		1.8E-07				1.2E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.109	0.109	0.109					6.6E-07			6.6E-07
7440-38-2	Arsenic, Inorganic	0.549	0.549	0.549	3.0E-07	4.3E-08	5.1E-13	3.5E-07	6.0E-03	7.1E-04	2.1E-08	6.7E-03
7440-39-3	Barium	12.7	12.7	12.7					3.5E-04		1.5E-08	3.5E-04
7440-41-7	Beryllium and compounds	0.0663	0.0663	0.0663			3.4E-14	3.4E-14	1.8E-04		1.9E-09	1.8E-04
7440-43-9	Cadmium (Diet)	0.0544	0.0544	0.0544			2.1E-14	2.1E-14	3.0E-03	2.8E-04	3.1E-09	3.3E-03
105-60-2	Caprolactam	0.151	0.151	0.151					1.7E-06	3.9E-07	4.0E-11	2.0E-06
16065-83-1	Chromium(III), Insoluble Salts	3.91	3.91	3.91					1.4E-05			1.4E-05
7440-48-4	Cobalt	2.14	2.14	2.14			4.1E-12	4.1E-12	3.9E-02		2.1E-07	3.9E-02
7440-50-8	Copper	13.5	13.5	13.5					1.8E-03			1.8E-03
7439-92-1	~Lead and Compounds	13.4	13.4	13.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	65.4	65.4	65.4					1.5E-02		7.6E-07	1.5E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00634	0.00634	0.00634					5.8E-08		3.3E-09	6.1E-08
7440-02-0	Nickel Soluble Salts	7.93	7.93	7.93			4.4E-13	4.4E-13	2.2E-03		4.6E-07	2.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.37	1.37	1.37					4.7E-06			4.7E-06
205-99-2	~Benzo[b]fluoranthene	0.0241	0.0241	0.0241	6.7E-09	2.3E-09	8.6E-16	9.0E-09				
7440-22-4	Silver	0.0215	0.0215	0.0215					2.4E-05			2.4E-05
7440-62-2	Vanadium and Compounds	8.06	8.06	8.06					8.8E-03		4.7E-08	8.8E-03
7440-66-6	Zinc and Compounds	40.6	40.6	40.6					7.4E-04			7.4E-04
						Cumulative:		3.6E-07				7.8E-02

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
67-64-1	Acetone	0.293	0.293	0.293					4.2E-06			4.2E-06
7440-36-0	Antimony (metallic)	0.429	0.429	0.429					1.4E-02		2.3E-08	1.4E-02
7440-38-2	Arsenic, Inorganic	1.44	1.44	1.44	**1.9E-06**	2.6E-07	3.7E-11	2.1E-06	3.7E-02	4.4E-03	1.6E-06	4.1E-02
7440-39-3	Barium	37	37	37					2.4E-03		1.2E-06	2.4E-03
7440-41-7	Beryllium and compounds	0.15	0.15	0.15			2.2E-12	2.2E-12	9.6E-04		1.2E-07	9.6E-04
7440-43-9	Cadmium (Diet)	0.144	0.144	0.144			1.6E-12	1.6E-12	1.8E-02	1.7E-03	2.3E-07	2.0E-02
105-60-2	Caprolactam	0.071	0.071	0.071					1.8E-06	4.3E-07	5.2E-10	2.2E-06
16065-83-1	Chromium(III), Insoluble Salts	10.8	10.8	10.8					9.2E-05			9.2E-05
18540-29-9	Chromium(VI)	0.512	0.512	0.512	5.3E-07		9.4E-11	5.4E-07	7.3E-03		2.8E-07	7.3E-03
7440-48-4	Cobalt	3.68	3.68	3.68			2.0E-10	2.0E-10	1.6E-01		9.9E-06	1.6E-01
7440-50-8	Copper	28.7	28.7	28.7					9.2E-03			9.2E-03
7439-92-1	~Lead and Compounds	36	36	36					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	181	181	181					9.6E-02		5.9E-05	9.6E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0152	0.0152	0.0152					3.2E-07		2.2E-07	5.5E-07
7440-02-0	Nickel Soluble Salts	15.3	15.3	15.3			2.4E-11	2.4E-11	9.8E-03		2.5E-05	9.8E-03
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					1.2E-05			1.2E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	0.206	0.206	0.206	4.1E-09	1.2E-09	3.0E-15	5.3E-09	1.3E-04	3.1E-05		1.6E-04
85-68-7	~Butyl Benzyl Phthalate	0.0572	0.0572	0.0572	1.6E-10	4.4E-11		2.0E-10	3.7E-06	8.7E-07		4.5E-06
56-55-3	~Benz[a]anthracene	0.207	0.207	0.207	1.4E-07	4.5E-08	2.6E-09	1.8E-07				
50-32-8	~Benzo[a]pyrene	0.197	0.197	0.197	**1.3E-06**	4.3E-07	2.0E-12	1.7E-06	8.4E-03	2.6E-03	1.6E-06	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.314	0.314	0.314	2.1E-07	6.8E-08	3.1E-13	2.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.109	0.109	0.109	7.1E-09	2.4E-09	1.1E-14	9.5E-09				
218-01-9	~Chrysene	0.279	0.279	0.279	1.8E-09	6.1E-10	2.8E-15	2.4E-09				
206-44-0	~Fluoranthene	0.566	0.566	0.566					1.8E-04	5.6E-05		2.4E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.173	0.173	0.173	1.1E-07	3.8E-08	1.7E-13	1.5E-07				
129-00-0	~Pyrene	0.577	0.577	0.577					2.5E-04	7.6E-05		3.2E-04
7440-22-4	Silver	0.0884	0.0884	0.0884					2.3E-04			2.3E-04
108-88-3	Toluene	0.0017	0.0017	0.0017					2.7E-07		7.1E-08	3.4E-07
7440-62-2	Vanadium and Compounds	13.3	13.3	13.3					3.4E-02		2.1E-06	3.4E-02
7440-66-6	Zinc and Compounds	116	116	116					4.9E-03			4.9E-03
						Cumulative:		5.0E-06				4.1E-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-3 Risk Assessment
Submittal Date:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SED-3. Highest concentration taken between the two.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.293		67-64-1	Acetone			mg/kg	SED-DUP									
0.429	J	7440-36-0	Antimony (metallic)			mg/kg	SED-3									
1.44	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-DUP									
37		7440-39-3	Barium			mg/kg	SED-DUP									
0.15	J	7440-41-7	Beryllium and compounds			mg/kg	SED-DUP									
0.144	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-DUP									
0.071	J*+	105-60-2	Caprolactam			mg/kg	SED-3									
10.8		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-DUP									
0.512	J	18540-29-9	Chromium(VI)			mg/kg	SED-3									
3.68		7440-48-4	Cobalt			mg/kg	SED-DUP									
28.7		7440-50-8	Copper			mg/kg	SED-3									
36		7439-92-1	~Lead and Compounds			mg/kg	SED-DUP									
181		7439-96-5	Manganese (Non-diet)			mg/kg	SED-DUP									
0.0152	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-DUP									
15.3		7440-02-0	Nickel Soluble Salts			mg/kg	SED-DUP									
1.47	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-DUP									
0.206	J	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-3									
0.0572	J F1	85-68-7	~Butyl Benzyl Phthalate			mg/kg	SED-DUP									
0.207	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.197	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.314	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.109	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-3									
0.279	J	218-01-9	~Chrysene			mg/kg	SED-3									
0.566		206-44-0	~Fluoranthene			mg/kg	SED-3									
0.173	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-3									
0.577		129-00-0	~Pyrene			mg/kg	SED-3									
0.0884	J	7440-22-4	Silver			mg/kg	SED-DUP									
0.0017	J	108-88-3	Toluene			mg/kg	SED-3									
13.3	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-DUP									
116		7440-66-6	Zinc and Compounds			mg/kg	SED-DUP									

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	5.0E-06	4.1E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.3E-07	2.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.1E-06	1.8E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - 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
67-64-1	Acetone	0.293	0.293	0.293					2.8E-07			2.8E-07
7440-36-0	Antimony (metallic)	0.429	0.429	0.429					9.2E-04		5.5E-09	9.2E-04
7440-38-2	Arsenic, Inorganic	1.44	1.44	1.44	4.0E-07	8.4E-08	8.5E-12	4.8E-07	2.5E-03	5.2E-04	3.7E-07	3.0E-03
7440-39-3	Barium	37	37	37					1.6E-04		2.8E-07	1.6E-04
7440-41-7	Beryllium and compounds	0.15	0.15	0.15			4.9E-13	4.9E-13	6.4E-05		2.9E-08	6.4E-05
7440-43-9	Cadmium (Diet)	0.144	0.144	0.144			3.6E-13	3.6E-13	1.2E-03	2.1E-04	5.5E-08	1.4E-03
105-60-2	Caprolactam	0.071	0.071	0.071					1.2E-07	5.1E-08	1.2E-10	1.7E-07
16065-83-1	Chromium(III), Insoluble Salts	10.8	10.8	10.8					6.2E-06			6.2E-06
18540-29-9	Chromium(VI)	0.512	0.512	0.512	2.5E-08		7.7E-12	2.5E-08	4.9E-04		6.6E-08	4.9E-04
7440-48-4	Cobalt	3.68	3.68	3.68			4.6E-11	4.6E-11	1.1E-02		2.4E-06	1.1E-02
7440-50-8	Copper	28.7	28.7	28.7					6.1E-04			6.1E-04
7439-92-1	~Lead and Compounds	36	36	36					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	181	181	181					6.5E-03		1.4E-05	6.5E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0152	0.0152	0.0152					2.2E-08		5.3E-08	7.5E-08
7440-02-0	Nickel Soluble Salts	15.3	15.3	15.3			5.5E-12	5.5E-12	6.5E-04		5.9E-06	6.6E-04
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					7.9E-07			7.9E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.206	0.206	0.206	8.8E-10	3.7E-10	6.8E-16	1.3E-09	8.8E-06	3.7E-06		1.3E-05
85-68-7	~Butyl Benzyl Phthalate	0.0572	0.0572	0.0572	3.3E-11	1.4E-11		4.7E-11	2.4E-07	1.0E-07		3.5E-07
56-55-3	~Benz[a]anthracene	0.207	0.207	0.207	6.3E-09	3.5E-09	2.2E-10	1.0E-08				
50-32-8	~Benzo[a]pyrene	0.197	0.197	0.197	6.0E-08	3.3E-08	1.6E-13	9.3E-08	5.6E-04	3.1E-04	3.8E-07	8.7E-04
205-99-2	~Benzo[b]fluoranthene	0.314	0.314	0.314	9.6E-09	5.3E-09	2.6E-14	1.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.109	0.109	0.109	3.3E-10	1.8E-10	9.0E-16	5.2E-10				
218-01-9	~Chrysene	0.279	0.279	0.279	8.5E-11	4.7E-11	2.3E-16	1.3E-10				
206-44-0	~Fluoranthene	0.566	0.566	0.566					1.2E-05	6.7E-06		1.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.173	0.173	0.173	5.3E-09	2.9E-09	1.4E-14	8.2E-09				
129-00-0	~Pyrene	0.577	0.577	0.577					1.6E-05	9.1E-06		2.6E-05
7440-22-4	Silver	0.0884	0.0884	0.0884					1.5E-05			1.5E-05
108-88-3	Toluene	0.0017	0.0017	0.0017					1.8E-08		1.7E-08	3.5E-08
7440-62-2	Vanadium and Compounds	13.3	13.3	13.3					2.3E-03		5.1E-07	2.3E-03
7440-66-6	Zinc and Compounds	116	116	116					3.3E-04			3.3E-04
						Cumulative:		6.3E-07				2.8E-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-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.293	0.293	0.293					1.8E-06			1.8E-06
7440-36-0	Antimony (metallic)	0.429	0.429	0.429					5.9E-03		8.3E-10	5.9E-03
7440-38-2	Arsenic, Inorganic	1.44	1.44	1.44	8.0E-07	1.1E-07	1.3E-12	9.1E-07	1.6E-02	1.9E-03	5.5E-08	1.8E-02
7440-39-3	Barium	37	37	37					1.0E-03		4.3E-08	1.0E-03
7440-41-7	Beryllium and compounds	0.15	0.15	0.15			7.7E-14	7.7E-14	4.1E-04		4.3E-09	4.1E-04
7440-43-9	Cadmium (Diet)	0.144	0.144	0.144			5.6E-14	5.6E-14	7.9E-03	7.5E-04	8.3E-09	8.6E-03
105-60-2	Caprolactam	0.071	0.071	0.071					7.8E-07	1.8E-07	1.9E-11	9.6E-07
16065-83-1	Chromium(III), Insoluble Salts	10.8	10.8	10.8					3.9E-05			3.9E-05
18540-29-9	Chromium(VI)	0.512	0.512	0.512	2.3E-07		3.3E-12	2.3E-07	3.1E-03		9.9E-09	3.1E-03
7440-48-4	Cobalt	3.68	3.68	3.68			7.1E-12	7.1E-12	6.7E-02		3.5E-07	6.7E-02
7440-50-8	Copper	28.7	28.7	28.7					3.9E-03			3.9E-03
7439-92-1	~Lead and Compounds	36	36	36					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	181	181	181					4.1E-02		2.1E-06	4.1E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0152	0.0152	0.0152					1.4E-07		8.0E-09	1.5E-07
7440-02-0	Nickel Soluble Salts	15.3	15.3	15.3			8.5E-13	8.5E-13	4.2E-03		8.8E-07	4.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					5.0E-06			5.0E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.206	0.206	0.206	1.8E-09	5.0E-10	1.1E-16	2.3E-09	5.6E-05	1.3E-05		7.0E-05
85-68-7	~Butyl Benzyl Phthalate	0.0572	0.0572	0.0572	6.7E-11	1.9E-11		8.6E-11	1.6E-06	3.7E-07		1.9E-06
56-55-3	~Benz[a]anthracene	0.207	0.207	0.207	5.8E-08	1.9E-08	9.3E-11	7.7E-08				
50-32-8	~Benzo[a]pyrene	0.197	0.197	0.197	5.5E-07	1.8E-07	7.0E-14	7.4E-07	3.6E-03	1.1E-03	5.7E-08	4.7E-03
205-99-2	~Benzo[b]fluoranthene	0.314	0.314	0.314	8.8E-08	2.9E-08	1.1E-14	1.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.109	0.109	0.109	3.1E-09	1.0E-09	3.9E-16	4.1E-09				
218-01-9	~Chrysene	0.279	0.279	0.279	7.8E-10	2.6E-10	9.9E-17	1.0E-09				
206-44-0	~Fluoranthene	0.566	0.566	0.566					7.8E-05	2.4E-05		1.0E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.173	0.173	0.173	4.8E-08	1.6E-08	6.2E-15	6.5E-08				
129-00-0	~Pyrene	0.577	0.577	0.577					1.1E-04	3.3E-05		1.4E-04
7440-22-4	Silver	0.0884	0.0884	0.0884					9.7E-05			9.7E-05
108-88-3	Toluene	0.0017	0.0017	0.0017					1.2E-07		2.6E-09	1.2E-07
7440-62-2	Vanadium and Compounds	13.3	13.3	13.3					1.4E-02		7.7E-08	1.4E-02
7440-66-6	Zinc and Compounds	116	116	116					2.1E-03			2.1E-03
						Cumulative:		2.1E-06				1.8E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000821

Exposure Unit ID: SED-4 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.354		67-64-1	Acetone			mg/kg	SED-4									
0.238	J	7440-36-0	Antimony (metallic)			mg/kg	SED-4									
1.14	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
24.9		7440-39-3	Barium			mg/kg	SED-4									
0.116	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.125	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4									
5.97		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-4									
0.456	J	18540-29-9	Chromium(VI)			mg/kg	SED-4									
3.36		7440-48-4	Cobalt			mg/kg	SED-4									
17.9		7440-50-8	Copper			mg/kg	SED-4									
0.016		99-87-6	Isopropyltoluene, p-			mg/kg	SED-4									
29		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
120		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
0.0246	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-4									
12.5		7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
1.47	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4									
0.0667	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.0575	J	218-01-9	~Chrysene			mg/kg	SED-4									
0.0748	J	206-44-0	~Fluoranthene			mg/kg	SED-4									
0.0723	J	129-00-0	~Pyrene			mg/kg	SED-4									
0.242		7440-22-4	Silver			mg/kg	SED-4									
0.00282	J	108-88-3	Toluene			mg/kg	SED-4									
11.8	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
72.1		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	2.2E-06	3.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.1E-07	2.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	9.5E-07	1.4E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.354	0.354	0.354					5.0E-06			5.0E-06
7440-36-0	Antimony (metallic)	0.238	0.238	0.238					7.6E-03		1.3E-08	7.6E-03
7440-38-2	Arsenic, Inorganic	1.14	1.14	1.14	**1.5E-06**	2.1E-07	2.9E-11	1.7E-06	2.9E-02	3.5E-03	1.2E-06	3.3E-02
7440-39-3	Barium	24.9	24.9	24.9					1.6E-03		8.0E-07	1.6E-03
7440-41-7	Beryllium and compounds	0.116	0.116	0.116			1.7E-12	1.7E-12	7.4E-04		9.4E-08	7.4E-04
7440-43-9	Cadmium (Diet)	0.125	0.125	0.125			1.4E-12	1.4E-12	1.6E-02	1.5E-03	2.0E-07	1.7E-02
16065-83-1	Chromium(III), Insoluble Salts	5.97	5.97	5.97					5.1E-05			5.1E-05
18540-29-9	Chromium(VI)	0.456	0.456	0.456	4.8E-07		8.3E-11	4.8E-07	6.5E-03		2.5E-07	6.5E-03
7440-48-4	Cobalt	3.36	3.36	3.36			1.8E-10	1.8E-10	1.4E-01		9.1E-06	1.4E-01
7440-50-8	Copper	17.9	17.9	17.9					5.7E-03			5.7E-03
99-87-6	Isopropyltoluene, p-	0.016	0.016	0.016					5.1E-05		4.2E-05	9.3E-05
7439-92-1	~Lead and Compounds	29	29	29					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	120	120	120					6.4E-02		3.9E-05	6.4E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0246	0.0246	0.0246					5.2E-07		3.6E-07	8.9E-07
7440-02-0	Nickel Soluble Salts	12.5	12.5	12.5			2.0E-11	2.0E-11	8.0E-03		2.0E-05	8.0E-03
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					1.2E-05			1.2E-05
205-99-2	~Benzo[b]fluoranthene	0.0667	0.0667	0.0667	4.4E-08	1.5E-08	6.7E-14	5.8E-08				
218-01-9	~Chrysene	0.0575	0.0575	0.0575	3.8E-10	1.3E-10	5.7E-16	5.0E-10				
206-44-0	~Fluoranthene	0.0748	0.0748	0.0748					2.4E-05	7.4E-06		3.1E-05
129-00-0	~Pyrene	0.0723	0.0723	0.0723					3.1E-05	9.5E-06		4.0E-05
7440-22-4	Silver	0.242	0.242	0.242					6.2E-04			6.2E-04
108-88-3	Toluene	0.00282	0.00282	0.00282					4.5E-07		1.2E-07	5.7E-07
7440-62-2	Vanadium and Compounds	11.8	11.8	11.8					3.0E-02		1.9E-06	3.0E-02
7440-66-6	Zinc and Compounds	72.1	72.1	72.1					3.1E-03			3.1E-03
						Cumulative:		2.2E-06				3.2E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.354	0.354	0.354					3.4E-07			3.4E-07
7440-36-0	Antimony (metallic)	0.238	0.238	0.238					5.1E-04		3.1E-09	5.1E-04
7440-38-2	Arsenic, Inorganic	1.14	1.14	1.14	3.1E-07	6.6E-08	6.7E-12	3.8E-07	2.0E-03	4.1E-04	2.9E-07	2.4E-03
7440-39-3	Barium	24.9	24.9	24.9					1.1E-04		1.9E-07	1.1E-04
7440-41-7	Beryllium and compounds	0.116	0.116	0.116			3.8E-13	3.8E-13	5.0E-05		2.2E-08	5.0E-05
7440-43-9	Cadmium (Diet)	0.125	0.125	0.125			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	5.97	5.97	5.97					3.4E-06			3.4E-06
18540-29-9	Chromium(VI)	0.456	0.456	0.456	2.2E-08		6.9E-12	2.2E-08	4.3E-04		5.8E-08	4.3E-04
7440-48-4	Cobalt	3.36	3.36	3.36			4.2E-11	4.2E-11	9.6E-03		2.2E-06	9.6E-03
7440-50-8	Copper	17.9	17.9	17.9					3.8E-04			3.8E-04
99-87-6	Isopropyltoluene, p-	0.016	0.016	0.016					3.4E-06		1.0E-05	1.3E-05
7439-92-1	~Lead and Compounds	29	29	29					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	120	120	120					4.3E-03		9.2E-06	4.3E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0246	0.0246	0.0246					3.5E-08		8.6E-08	1.2E-07
7440-02-0	Nickel Soluble Salts	12.5	12.5	12.5			4.5E-12	4.5E-12	5.4E-04		4.8E-06	5.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					7.9E-07			7.9E-07
205-99-2	~Benzo[b]fluoranthene	0.0667	0.0667	0.0667	2.0E-09	1.1E-09	5.5E-15	3.2E-09				
218-01-9	~Chrysene	0.0575	0.0575	0.0575	1.8E-11	9.7E-12	4.7E-17	2.7E-11				
206-44-0	~Fluoranthene	0.0748	0.0748	0.0748					1.6E-06	8.8E-07		2.5E-06
129-00-0	~Pyrene	0.0723	0.0723	0.0723					2.1E-06	1.1E-06		3.2E-06
7440-22-4	Silver	0.242	0.242	0.242					4.1E-05			4.1E-05
108-88-3	Toluene	0.00282	0.00282	0.00282					3.0E-08		2.8E-08	5.8E-08
7440-62-2	Vanadium and Compounds	11.8	11.8	11.8					2.0E-03		4.5E-07	2.0E-03
7440-66-6	Zinc and Compounds	72.1	72.1	72.1					2.1E-04			2.1E-04
						Cumulative:		4.1E-07				2.2E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.354	0.354	0.354					2.2E-06			2.2E-06
7440-36-0	Antimony (metallic)	0.238	0.238	0.238					3.3E-03		4.6E-10	3.3E-03
7440-38-2	Arsenic, Inorganic	1.14	1.14	1.14	6.3E-07	8.9E-08	1.1E-12	7.2E-07	1.2E-02	1.5E-03	4.4E-08	1.4E-02
7440-39-3	Barium	24.9	24.9	24.9					6.8E-04		2.9E-08	6.8E-04
7440-41-7	Beryllium and compounds	0.116	0.116	0.116			6.0E-14	6.0E-14	3.2E-04		3.3E-09	3.2E-04
7440-43-9	Cadmium (Diet)	0.125	0.125	0.125			4.8E-14	4.8E-14	6.8E-03	6.5E-04	7.2E-09	7.5E-03
16065-83-1	Chromium(III), Insoluble Salts	5.97	5.97	5.97					2.2E-05			2.2E-05
18540-29-9	Chromium(VI)	0.456	0.456	0.456	2.0E-07		3.0E-12	2.0E-07	2.8E-03		8.8E-09	2.8E-03
7440-48-4	Cobalt	3.36	3.36	3.36			6.5E-12	6.5E-12	6.1E-02		3.2E-07	6.1E-02
7440-50-8	Copper	17.9	17.9	17.9					2.5E-03			2.5E-03
99-87-6	Isopropyltoluene, p-	0.016	0.016	0.016					2.2E-05		1.5E-06	2.3E-05
7439-92-1	~Lead and Compounds	29	29	29					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	120	120	120					2.7E-02		1.4E-06	2.7E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0246	0.0246	0.0246					2.2E-07		1.3E-08	2.4E-07
7440-02-0	Nickel Soluble Salts	12.5	12.5	12.5			7.0E-13	7.0E-13	3.4E-03		7.2E-07	3.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					5.0E-06			5.0E-06
205-99-2	~Benzo[b]fluoranthene	0.0667	0.0667	0.0667	1.9E-08	6.2E-09	2.4E-15	2.5E-08				
218-01-9	~Chrysene	0.0575	0.0575	0.0575	1.6E-10	5.4E-11	2.0E-17	2.1E-10				
206-44-0	~Fluoranthene	0.0748	0.0748	0.0748					1.0E-05	3.2E-06		1.3E-05
129-00-0	~Pyrene	0.0723	0.0723	0.0723					1.3E-05	4.1E-06		1.7E-05
7440-22-4	Silver	0.242	0.242	0.242					2.7E-04			2.7E-04
108-88-3	Toluene	0.00282	0.00282	0.00282					1.9E-07		4.2E-09	2.0E-07
7440-62-2	Vanadium and Compounds	11.8	11.8	11.8					1.3E-02		6.8E-08	1.3E-02
7440-66-6	Zinc and Compounds	72.1	72.1	72.1					1.3E-03			1.3E-03
						Cumulative:		9.5E-07				1.4E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East 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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
0.0587	J	67-64-1	Acetone			mg/kg	SED-5									
0.971	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
17.5		7440-39-3	Barium			mg/kg	SED-5									
0.0925	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.0606	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
3.59		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
2.46		7440-48-4	Cobalt			mg/kg	SED-5									
10		7440-50-8	Copper			mg/kg	SED-5									
26.4		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
106		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
5.5		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
1.29	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5									
0.0628	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.0605	J	218-01-9	~Chrysene			mg/kg	SED-5									
0.116	J	206-44-0	~Fluoranthene			mg/kg	SED-5									
0.101	J	129-00-0	~Pyrene			mg/kg	SED-5									
0.259	J	7782-49-2	Selenium			mg/kg	SED-5									
0.04	J	7440-22-4	Silver			mg/kg	SED-5									
7.55	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
46.9		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	1.5E-06	2.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.3E-07	1.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.4E-07	9.8E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0587	0.0587	0.0587					8.3E-07			8.3E-07
7440-38-2	Arsenic, Inorganic	0.971	0.971	0.971	**1.3E-06**	1.8E-07	2.5E-11	1.4E-06	2.5E-02	2.9E-03	1.0E-06	2.8E-02
7440-39-3	Barium	17.5	17.5	17.5					1.1E-03		5.7E-07	1.1E-03
7440-41-7	Beryllium and compounds	0.0925	0.0925	0.0925			1.3E-12	1.3E-12	5.9E-04		7.5E-08	5.9E-04
7440-43-9	Cadmium (Diet)	0.0606	0.0606	0.0606			6.5E-13	6.5E-13	7.7E-03	7.4E-04	9.8E-08	8.5E-03
16065-83-1	Chromium(III), Insoluble Salts	3.59	3.59	3.59					3.1E-05			3.1E-05
7440-48-4	Cobalt	2.46	2.46	2.46			1.3E-10	1.3E-10	1.0E-01		6.6E-06	1.0E-01
7440-50-8	Copper	10	10	10					3.2E-03			3.2E-03
7439-92-1	~Lead and Compounds	26.4	26.4	26.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	106	106	106					5.6E-02		3.4E-05	5.7E-02
7440-02-0	Nickel Soluble Salts	5.5	5.5	5.5			8.6E-12	8.6E-12	3.5E-03		8.9E-06	3.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.29	1.29	1.29					1.0E-05			1.0E-05
205-99-2	~Benzo[b]fluoranthene	0.0628	0.0628	0.0628	4.1E-08	1.4E-08	6.3E-14	5.5E-08				
218-01-9	~Chrysene	0.0605	0.0605	0.0605	4.0E-10	1.3E-10	6.0E-16	5.3E-10				
206-44-0	~Fluoranthene	0.116	0.116	0.116					3.7E-05	1.1E-05		4.9E-05
129-00-0	~Pyrene	0.101	0.101	0.101					4.3E-05	1.3E-05		5.6E-05
7782-49-2	Selenium	0.259	0.259	0.259					6.6E-04		2.1E-10	6.6E-04
7440-22-4	Silver	0.04	0.04	0.04					1.0E-04			1.0E-04
7440-62-2	Vanadium and Compounds	7.55	7.55	7.55					1.9E-02		1.2E-06	1.9E-02
7440-66-6	Zinc and Compounds	46.9	46.9	46.9					2.0E-03			2.0E-03
						Cumulative:		1.5E-06				2.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0587	0.0587	0.0587					5.6E-08			5.6E-08
7440-38-2	Arsenic, Inorganic	0.971	0.971	0.971	2.7E-07	5.7E-08	5.7E-12	3.2E-07	1.7E-03	3.5E-04	2.5E-07	2.0E-03
7440-39-3	Barium	17.5	17.5	17.5					7.5E-05		1.3E-07	7.5E-05
7440-41-7	Beryllium and compounds	0.0925	0.0925	0.0925			3.1E-13	3.1E-13	4.0E-05		1.8E-08	4.0E-05
7440-43-9	Cadmium (Diet)	0.0606	0.0606	0.0606			1.5E-13	1.5E-13	5.2E-04	8.8E-05	2.3E-08	6.1E-04
16065-83-1	Chromium(III), Insoluble Salts	3.59	3.59	3.59					2.0E-06			2.0E-06
7440-48-4	Cobalt	2.46	2.46	2.46			3.0E-11	3.0E-11	7.0E-03		1.6E-06	7.0E-03
7440-50-8	Copper	10	10	10					2.1E-04			2.1E-04
7439-92-1	~Lead and Compounds	26.4	26.4	26.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	106	106	106					3.8E-03		8.2E-06	3.8E-03
7440-02-0	Nickel Soluble Salts	5.5	5.5	5.5			2.0E-12	2.0E-12	2.4E-04		2.1E-06	2.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.29	1.29	1.29					6.9E-07			6.9E-07
205-99-2	~Benzo[b]fluoranthene	0.0628	0.0628	0.0628	1.9E-09	1.1E-09	5.2E-15	3.0E-09				
218-01-9	~Chrysene	0.0605	0.0605	0.0605	1.8E-11	1.0E-11	5.0E-17	2.9E-11				
206-44-0	~Fluoranthene	0.116	0.116	0.116					2.5E-06	1.4E-06		3.8E-06
129-00-0	~Pyrene	0.101	0.101	0.101					2.9E-06	1.6E-06		4.5E-06
7782-49-2	Selenium	0.259	0.259	0.259					4.4E-05		5.0E-11	4.4E-05
7440-22-4	Silver	0.04	0.04	0.04					6.8E-06			6.8E-06
7440-62-2	Vanadium and Compounds	7.55	7.55	7.55					1.3E-03		2.9E-07	1.3E-03
7440-66-6	Zinc and Compounds	46.9	46.9	46.9					1.3E-04			1.3E-04
						Cumulative:		3.3E-07				1.5E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0587	0.0587	0.0587					3.6E-07			3.6E-07
7440-38-2	Arsenic, Inorganic	0.971	0.971	0.971	5.4E-07	7.6E-08	9.0E-13	6.1E-07	1.1E-02	1.3E-03	3.7E-08	1.2E-02
7440-39-3	Barium	17.5	17.5	17.5					4.8E-04		2.0E-08	4.8E-04
7440-41-7	Beryllium and compounds	0.0925	0.0925	0.0925			4.8E-14	4.8E-14	2.5E-04		2.7E-09	2.5E-04
7440-43-9	Cadmium (Diet)	0.0606	0.0606	0.0606			2.3E-14	2.3E-14	3.3E-03	3.2E-04	3.5E-09	3.6E-03
16065-83-1	Chromium(III), Insoluble Salts	3.59	3.59	3.59					1.3E-05			1.3E-05
7440-48-4	Cobalt	2.46	2.46	2.46			4.7E-12	4.7E-12	4.5E-02		2.4E-07	4.5E-02
7440-50-8	Copper	10	10	10					1.4E-03			1.4E-03
7439-92-1	~Lead and Compounds	26.4	26.4	26.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	106	106	106					2.4E-02		1.2E-06	2.4E-02
7440-02-0	Nickel Soluble Salts	5.5	5.5	5.5			3.1E-13	3.1E-13	1.5E-03		3.2E-07	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.29	1.29	1.29					4.4E-06			4.4E-06
205-99-2	~Benzo[b]fluoranthene	0.0628	0.0628	0.0628	1.8E-08	5.9E-09	2.2E-15	2.3E-08				
218-01-9	~Chrysene	0.0605	0.0605	0.0605	1.7E-10	5.6E-11	2.2E-17	2.3E-10				
206-44-0	~Fluoranthene	0.116	0.116	0.116					1.6E-05	4.9E-06		2.1E-05
129-00-0	~Pyrene	0.101	0.101	0.101					1.8E-05	5.7E-06		2.4E-05
7782-49-2	Selenium	0.259	0.259	0.259					2.8E-04		7.5E-12	2.8E-04
7440-22-4	Silver	0.04	0.04	0.04					4.4E-05			4.4E-05
7440-62-2	Vanadium and Compounds	7.55	7.55	7.55					8.2E-03		4.4E-08	8.2E-03
7440-66-6	Zinc and Compounds	46.9	46.9	46.9					8.6E-04			8.6E-04
						Cumulative:		6.4E-07				9.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
1.48	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
46.5		7440-39-3	Barium			mg/kg	SED-6									
0.13	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.1	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-6									
0.0588	J *+	105-60-2	Caprolactam			mg/kg	SED-6									
5.27		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-6									
3.52		7440-48-4	Cobalt			mg/kg	SED-6									
12.4		7440-50-8	Copper			mg/kg	SED-6									
22.7		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
81.4		7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
10.2		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.17	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6									
0.0502	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
0.072	J	206-44-0	~Fluoranthene			mg/kg	SED-6									
0.0584	J	129-00-0	~Pyrene			mg/kg	SED-6									
0.0196	J	7440-22-4	Silver			mg/kg	SED-6									
9.57	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
66.1		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	2.2E-06	2.9E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.0E-07	2.0E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	9.6E-07	1.2E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-38-2	Arsenic, Inorganic	1.48	1.48	1.48	**1.9E-06**	2.7E-07	3.8E-11	2.2E-06	3.8E-02	4.5E-03	1.6E-06	4.2E-02
7440-39-3	Barium	46.5	46.5	46.5					3.0E-03		1.5E-06	3.0E-03
7440-41-7	Beryllium and compounds	0.13	0.13	0.13			1.9E-12	1.9E-12	8.3E-04		1.1E-07	8.3E-04
7440-43-9	Cadmium (Diet)	0.1	0.1	0.1			1.1E-12	1.1E-12	1.3E-02	1.2E-03	1.6E-07	1.4E-02
105-60-2	Caprolactam	0.0588	0.0588	0.0588					1.5E-06	3.6E-07	4.3E-10	1.9E-06
16065-83-1	Chromium(III), Insoluble Salts	5.27	5.27	5.27					4.5E-05			4.5E-05
7440-48-4	Cobalt	3.52	3.52	3.52			1.9E-10	1.9E-10	1.5E-01		9.5E-06	1.5E-01
7440-50-8	Copper	12.4	12.4	12.4					4.0E-03			4.0E-03
7439-92-1	~Lead and Compounds	22.7	22.7	22.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	81.4	81.4	81.4					4.3E-02		2.6E-05	4.3E-02
7440-02-0	Nickel Soluble Salts	10.2	10.2	10.2			1.6E-11	1.6E-11	6.5E-03		1.6E-05	6.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.17	1.17	1.17					9.3E-06			9.3E-06
205-99-2	~Benzo[b]fluoranthene	0.0502	0.0502	0.0502	3.3E-08	1.1E-08	5.0E-14	4.4E-08				
206-44-0	~Fluoranthene	0.072	0.072	0.072					2.3E-05	7.1E-06		3.0E-05
129-00-0	~Pyrene	0.0584	0.0584	0.0584					2.5E-05	7.7E-06		3.3E-05
7440-22-4	Silver	0.0196	0.0196	0.0196					5.0E-05			5.0E-05
7440-62-2	Vanadium and Compounds	9.57	9.57	9.57					2.4E-02		1.5E-06	2.4E-02
7440-66-6	Zinc and Compounds	66.1	66.1	66.1					2.8E-03			2.8E-03
						Cumulative:		2.2E-06				2.9E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-38-2	Arsenic, Inorganic	1.48	1.48	1.48	4.1E-07	8.6E-08	8.7E-12	4.9E-07	2.5E-03	5.4E-04	3.8E-07	3.1E-03
7440-39-3	Barium	46.5	46.5	46.5					2.0E-04		3.6E-07	2.0E-04
7440-41-7	Beryllium and compounds	0.13	0.13	0.13			4.3E-13	4.3E-13	5.6E-05		2.5E-08	5.6E-05
7440-43-9	Cadmium (Diet)	0.1	0.1	0.1			2.5E-13	2.5E-13	8.6E-04	1.4E-04	3.8E-08	1.0E-03
105-60-2	Caprolactam	0.0588	0.0588	0.0588					1.0E-07	4.3E-08	1.0E-10	1.4E-07
16065-83-1	Chromium(III), Insoluble Salts	5.27	5.27	5.27					3.0E-06			3.0E-06
7440-48-4	Cobalt	3.52	3.52	3.52			4.4E-11	4.4E-11	1.0E-02		2.3E-06	1.0E-02
7440-50-8	Copper	12.4	12.4	12.4					2.7E-04			2.7E-04
7439-92-1	~Lead and Compounds	22.7	22.7	22.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	81.4	81.4	81.4					2.9E-03		6.3E-06	2.9E-03
7440-02-0	Nickel Soluble Salts	10.2	10.2	10.2			3.6E-12	3.6E-12	4.4E-04		3.9E-06	4.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.17	1.17	1.17					6.3E-07			6.3E-07
205-99-2	~Benzo[b]fluoranthene	0.0502	0.0502	0.0502	1.5E-09	8.4E-10	4.1E-15	2.4E-09				
206-44-0	~Fluoranthene	0.072	0.072	0.072					1.5E-06	8.5E-07		2.4E-06
129-00-0	~Pyrene	0.0584	0.0584	0.0584					1.7E-06	9.2E-07		2.6E-06
7440-22-4	Silver	0.0196	0.0196	0.0196					3.4E-06			3.4E-06
7440-62-2	Vanadium and Compounds	9.57	9.57	9.57					1.6E-03		3.7E-07	1.6E-03
7440-66-6	Zinc and Compounds	66.1	66.1	66.1					1.9E-04			1.9E-04
						Cumulative:		5.0E-07				2.0E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-38-2	Arsenic, Inorganic	1.48	1.48	1.48	8.2E-07	1.2E-07	1.4E-12	9.4E-07	1.6E-02	1.9E-03	5.7E-08	1.8E-02
7440-39-3	Barium	46.5	46.5	46.5					1.3E-03		5.4E-08	1.3E-03
7440-41-7	Beryllium and compounds	0.13	0.13	0.13			6.7E-14	6.7E-14	3.6E-04		3.8E-09	3.6E-04
7440-43-9	Cadmium (Diet)	0.1	0.1	0.1			3.9E-14	3.9E-14	5.5E-03	5.2E-04	5.8E-09	6.0E-03
105-60-2	Caprolactam	0.0588	0.0588	0.0588					6.4E-07	1.5E-07	1.5E-11	8.0E-07
16065-83-1	Chromium(III), Insoluble Salts	5.27	5.27	5.27					1.9E-05			1.9E-05
7440-48-4	Cobalt	3.52	3.52	3.52			6.8E-12	6.8E-12	6.4E-02		3.4E-07	6.4E-02
7440-50-8	Copper	12.4	12.4	12.4					1.7E-03			1.7E-03
7439-92-1	~Lead and Compounds	22.7	22.7	22.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	81.4	81.4	81.4					1.9E-02		9.4E-07	1.9E-02
7440-02-0	Nickel Soluble Salts	10.2	10.2	10.2			5.7E-13	5.7E-13	2.8E-03		5.9E-07	2.8E-03
14797-55-8	Nitrate (measured as nitrogen)	1.17	1.17	1.17					4.0E-06			4.0E-06
205-99-2	~Benzo[b]fluoranthene	0.0502	0.0502	0.0502	1.4E-08	4.7E-09	1.8E-15	1.9E-08				
206-44-0	~Fluoranthene	0.072	0.072	0.072					9.9E-06	3.0E-06		1.3E-05
129-00-0	~Pyrene	0.0584	0.0584	0.0584					1.1E-05	3.3E-06		1.4E-05
7440-22-4	Silver	0.0196	0.0196	0.0196					2.1E-05			2.1E-05
7440-62-2	Vanadium and Compounds	9.57	9.57	9.57					1.0E-02		5.5E-08	1.0E-02
7440-66-6	Zinc and Compounds	66.1	66.1	66.1					1.2E-03			1.2E-03
						Cumulative:		9.6E-07				1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	2/17/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
0.0636	J	67-64-1	Acetone			mg/kg	SED-5									
0.578	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
13.3		7440-39-3	Barium			mg/kg	SED-7									
0.0585	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
0.0365	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
5.84		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-7									
1.97		7440-48-4	Cobalt			mg/kg	SED-7									
9.25		7440-50-8	Copper			mg/kg	SED-7									
17.2		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
64.4		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
0.00852	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-7									
6.69		7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
1.12	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-7									
0.0488	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
0.0479	J	218-01-9	~Chrysene			mg/kg	SED-7									
0.044	J	206-44-0	~Fluoranthene			mg/kg	SED-7									
0.0162	J	7440-22-4	Silver			mg/kg	SED-7									
6.85	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
41.5		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	9.0E-07	1.7E-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	7.2E-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	0.0636	0.0636	0.0636					9.0E-07			9.0E-07
7440-38-2	Arsenic, Inorganic	0.578	0.578	0.578	7.5E-07	1.1E-07	1.5E-11	8.5E-07	1.5E-02	1.8E-03	6.2E-07	1.7E-02
7440-39-3	Barium	13.3	13.3	13.3					8.5E-04		4.3E-07	8.5E-04
7440-41-7	Beryllium and compounds	0.0585	0.0585	0.0585			8.4E-13	8.4E-13	3.7E-04		4.7E-08	3.7E-04
7440-43-9	Cadmium (Diet)	0.0365	0.0365	0.0365			3.9E-13	3.9E-13	4.7E-03	4.4E-04	5.9E-08	5.1E-03
16065-83-1	Chromium(III), Insoluble Salts	5.84	5.84	5.84					5.0E-05			5.0E-05
7440-48-4	Cobalt	1.97	1.97	1.97			1.1E-10	1.1E-10	8.4E-02		5.3E-06	8.4E-02
7440-50-8	Copper	9.25	9.25	9.25					3.0E-03			3.0E-03
7439-92-1	~Lead and Compounds	17.2	17.2	17.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	64.4	64.4	64.4					3.4E-02		2.1E-05	3.4E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00852	0.00852	0.00852					1.8E-07		1.3E-07	3.1E-07
7440-02-0	Nickel Soluble Salts	6.69	6.69	6.69			1.0E-11	1.0E-11	4.3E-03		1.1E-05	4.3E-03
14797-55-8	Nitrate (measured as nitrogen)	1.12	1.12	1.12					8.9E-06			8.9E-06
205-99-2	~Benzo[b]fluoranthene	0.0488	0.0488	0.0488	3.2E-08	1.1E-08	4.9E-14	4.2E-08				
218-01-9	~Chrysene	0.0479	0.0479	0.0479	3.1E-10	1.0E-10	4.8E-16	4.2E-10				
206-44-0	~Fluoranthene	0.044	0.044	0.044					1.4E-05	4.3E-06		1.8E-05
7440-22-4	Silver	0.0162	0.0162	0.0162					4.1E-05			4.1E-05
7440-62-2	Vanadium and Compounds	6.85	6.85	6.85					1.7E-02		1.1E-06	1.7E-02
7440-66-6	Zinc and Compounds	41.5	41.5	41.5					1.8E-03			1.8E-03
						Cumulative:		9.0E-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	0.0636	0.0636	0.0636					6.1E-08			6.1E-08
7440-38-2	Arsenic, Inorganic	0.578	0.578	0.578	1.6E-07	3.4E-08	3.4E-12	1.9E-07	9.9E-04	2.1E-04	1.5E-07	1.2E-03
7440-39-3	Barium	13.3	13.3	13.3					5.7E-05		1.0E-07	5.7E-05
7440-41-7	Beryllium and compounds	0.0585	0.0585	0.0585			1.9E-13	1.9E-13	2.5E-05		1.1E-08	2.5E-05
7440-43-9	Cadmium (Diet)	0.0365	0.0365	0.0365			9.0E-14	9.0E-14	3.1E-04	5.3E-05	1.4E-08	3.7E-04
16065-83-1	Chromium(III), Insoluble Salts	5.84	5.84	5.84					3.3E-06			3.3E-06
7440-48-4	Cobalt	1.97	1.97	1.97			2.4E-11	2.4E-11	5.6E-03		1.3E-06	5.6E-03
7440-50-8	Copper	9.25	9.25	9.25					2.0E-04			2.0E-04
7439-92-1	~Lead and Compounds	17.2	17.2	17.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	64.4	64.4	64.4					2.3E-03		5.0E-06	2.3E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00852	0.00852	0.00852					1.2E-08		3.0E-08	4.2E-08
7440-02-0	Nickel Soluble Salts	6.69	6.69	6.69			2.4E-12	2.4E-12	2.9E-04		2.6E-06	2.9E-04
14797-55-8	Nitrate (measured as nitrogen)	1.12	1.12	1.12					6.0E-07			6.0E-07
205-99-2	~Benzo[b]fluoranthene	0.0488	0.0488	0.0488	1.5E-09	8.2E-10	4.0E-15	2.3E-09				
218-01-9	~Chrysene	0.0479	0.0479	0.0479	1.5E-11	8.1E-12	4.0E-17	2.3E-11				
206-44-0	~Fluoranthene	0.044	0.044	0.044					9.4E-07	5.2E-07		1.5E-06
7440-22-4	Silver	0.0162	0.0162	0.0162					2.8E-06			2.8E-06
7440-62-2	Vanadium and Compounds	6.85	6.85	6.85					1.2E-03		2.6E-07	1.2E-03
7440-66-6	Zinc and Compounds	41.5	41.5	41.5					1.2E-04			1.2E-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-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0636	0.0636	0.0636					3.9E-07			3.9E-07
7440-38-2	Arsenic, Inorganic	0.578	0.578	0.578	3.2E-07	4.5E-08	5.3E-13	3.7E-07	6.3E-03	7.5E-04	2.2E-08	7.1E-03
7440-39-3	Barium	13.3	13.3	13.3					3.6E-04		1.5E-08	3.6E-04
7440-41-7	Beryllium and compounds	0.0585	0.0585	0.0585			3.0E-14	3.0E-14	1.6E-04		1.7E-09	1.6E-04
7440-43-9	Cadmium (Diet)	0.0365	0.0365	0.0365			1.4E-14	1.4E-14	2.0E-03	1.9E-04	2.1E-09	2.2E-03
16065-83-1	Chromium(III), Insoluble Salts	5.84	5.84	5.84					2.1E-05			2.1E-05
7440-48-4	Cobalt	1.97	1.97	1.97			3.8E-12	3.8E-12	3.6E-02		1.9E-07	3.6E-02
7440-50-8	Copper	9.25	9.25	9.25					1.3E-03			1.3E-03
7439-92-1	~Lead and Compounds	17.2	17.2	17.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	64.4	64.4	64.4					1.5E-02		7.4E-07	1.5E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00852	0.00852	0.00852					7.8E-08		4.5E-09	8.2E-08
7440-02-0	Nickel Soluble Salts	6.69	6.69	6.69			3.7E-13	3.7E-13	1.8E-03		3.9E-07	1.8E-03
14797-55-8	Nitrate (measured as nitrogen)	1.12	1.12	1.12					3.8E-06			3.8E-06
205-99-2	~Benzo[b]fluoranthene	0.0488	0.0488	0.0488	1.4E-08	4.6E-09	1.7E-15	1.8E-08				
218-01-9	~Chrysene	0.0479	0.0479	0.0479	1.3E-10	4.5E-11	1.7E-17	1.8E-10				
206-44-0	~Fluoranthene	0.044	0.044	0.044					6.0E-06	1.9E-06		7.9E-06
7440-22-4	Silver	0.0162	0.0162	0.0162					1.8E-05			1.8E-05
7440-62-2	Vanadium and Compounds	6.85	6.85	6.85					7.4E-03		4.0E-08	7.4E-03
7440-66-6	Zinc and Compounds	41.5	41.5	41.5					7.6E-04			7.6E-04
						Cumulative:		3.8E-07				7.2E-02