Remedial Investigation Report
City of Durham Parks – Walltown Park, NONCD0000824
1308 W. Club Boulevard, Durham, North Carolina
Task Order RI-10A
S&ME Project No. 23050630

PREPARED FOR:

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

PREPARED BY:

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

April 6, 2026

April 6, 2026

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

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

Reference: **Remedial Investigation-Soil Gas, Groundwater & Surface Water/Sediment Report**
Walltown Park – 1308 W. Club Boulevard
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000824
NCDEQ Task Orders 824RI-10A
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. 23050630BL, dated September 30, 2025, for Task Order 824RI-10A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

Sincerely,

S&ME, Inc.

Brandon Governo, P.G.
Project Geologist
brandongoverno@smeinc.com

Gerald Paul
Senior Project Manager
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Senior Reviewed by: Thomas P. Raymond, P.E. - Senior Engineer

Attachment: Remedial Investigation Report

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1.0 Summary of Current Investigation

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposal No. 23050630BL, dated September 30, 2025, for Task Orders 824RI-10A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

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

2.0 Landfill Gas Assessment

2.1 Soil Gas Probe and Implant Field Screening Methods

The landfill gas probe (LFGP) and landfill gas implant (LFGI) construction details are presented in **Table 1** and the location of the LFGP's are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I.** On December 10, 2025, landfill gas and offsite soil gas probes and implants that did not have high water levels were screened for landfill gas. **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 II**.

2.2 Landfill Gas Screening Results

2.2.1 Volatile Organic Compounds

VOCs were not detected in any of the LFGP screening locations.

2.2.2 Methane

Methane was not detected in any of the LFGP screening locations.

2.2.3 Hydrogen Sulfide

Hydrogen Sulfide was not detected in any of the LFGP screening locations.

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

2.3 Landfill Gas Sampling

On December 18, 2025, S&ME personnel used batch-certified sampling canisters to collect samples (including duplicate samples) from ten landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, Methane by ASTM Method D1946, Hydrogen sulfide by ASTM D5504-12, 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 gage). 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 by the laboratory. Sample dilutions result in higher laboratory detection limits. Therefore, compounds may be present at concentrations below the elevated detection limit and could be considered unacceptable risk based on the NCDEQ Risk Calculator. For this assessment, only compounds detected above the laboratory detection limits were entered into the NCDEQ Risk Calculator. As a result, additional sampling may be necessary to further evaluate potential risk from landfill gas at the site.

The laboratory reported detections of multiple VOCs and other analytes in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of the soil gas to the indoor air pathway. The Residential Receptor Risk was not exceeded at any sample location. Methane concentrations did not exceed 5% of the LEL in any sample location. Hydrogen Sulfide was not detected at any sample location. Mercury was not detected at any sample location. See **Section 5.0** for the Risk Calculator details.

A summary of the laboratory results is included in **Table 3,** and the results of the NCDEQ Risk Calculator Residential and Non-Residential Vapor Intrusion risk levels are shown in **Figure 2**. The field notes are included in **Appendix II**. The laboratory reports and chain of custody forms are included in **Appendix III**.

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

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

On December 1, 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 824 RI-7. The approximate depth of groundwater and elevations at each monitor well are displayed on **Table 4** and are represented on **Figure 4**. Groundwater generally flows towards the surface water feature in the center of the site; surface water flows to the north.

On December 1, 2025, monitor well samples were collected at all monitor wells. 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 Cary, North Carolina, for analysis. Analysis includes) by EPA Method 8260D, semi-volatile-organic compounds (SVOCs) by EPA Method 8270E, 1,4 Dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7470A, nitrate by EPA Method 353.2-1993 R2.0, sulfate by SM 4500 SO4 E, and ammonia by EPA Method 350.1.

3.2 Monitor Well Sample Results

The laboratory reported detections of constituents greater than their 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 of 50 micrograms per liter (µg/L). These manganese levels may be attributed to the natural weathering of manganese-bearing minerals within the local geology rather than a site-related release. Under 15A NCAC 02L.0202 (b)(3), where naturally occurring substances exceed the established standard, the local background concentration is considered the applicable standard.

4.0 Surface Water and Sediment Sampling

On December 19, 2025, S&ME collected surface water and stream sediment samples for laboratory analysis from eight locations. Surface water sample locations are identified as SW-1 through SW-8 with laboratory data on **Table 7.** Stream sediment sample locations are identified as SED-1 through SED-8 with laboratory data summarized on **Table 8**. Surface water and stream sediment locations SW/SED-1 through SW/SED-8 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 Environmental Testing in Cary, North Carolina. Analysis includes VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E SIM, 1,4-dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7470A/7471B, nitrate by EPA Method 9056A, sulfate by EPA Method SM 4500 SO4, ammonia by EPA Method 350.1, and hexavalent chromium by EPA Method 7199.

4.1.1 Surface Water Sampling Results

Table 7 summarizes the surface water sample analytical results from locations SW-1 through SW-8. Exceedances of the 15A NCAC 02B (2B Standards) surface water quality standards are shown on **Figure 5**. Several other detections were reported, however 2B Standards are not established for those constituents. The reported dissolved concentrations above the 2B Standards are summarized below in micrograms per Liter (µg/L).

The NCDEQ Risk Calculator was used to assess the risk for direct contact of surface water. See **Section 5.0** for the Risk Calculator details. The carcinogenic risk and non-carcinogenic hazard index for surface water were not exceeded at any of the sample locations for the recreator/trespasser receptor.

4.1.2 Sediment Sampling Results

Table 8 summarizes sediment analytical results for samples collected from locations SED-1 through SED-8. 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 were exceeded at the SED-7 sample location for the resident receptor and the recreator/trespasser receptor. Carcinogenic risk and non-carcinogenic hazard index for the remaining sediment sample locations were not exceeded for any other 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. Sample location SED-7 exceeded the Carcinogenic Risk and Hazard Index risk for the resident and the recreator/trespasser receptor, but not the non-residential. The remaining sediment samples did not exceed risk for the residential, non-residential, nor recreator/trespasser receptors.

Appendix IV contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, called 824-LFGP-DUP, was collected on December 1, 2025, from LFGP-3. Analytical results of the duplicate sample were within an acceptable relative difference with the record sample.

Groundwater Duplicates

- One groundwater duplicate sample, called 120125-Dup-1-20251201, was collected on December 1, 2025, from MW-1. 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-5/SED-5. 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 samples.

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.

Laboratory Analysis

- The following samples were diluted due to the nature of the sample matrix: 824-SED-1, 824-SED—2, 824-SED-3, 824-SED-4, 824-SED-5, 824-SED-6, and 824-SED-7. Sample SED-7 SVOC analyses were performed at dilution factors of 20 and 100, and metals analysis was performed at a dilution factor of 5, resulting in elevated reporting limits for the sample.

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. 23050630BL, dated September 30, 2025, for Task Orders 824RI-10A 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.

Wilma Craft
Notary Public (signature)

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

My commission expires: March 12 2028

Figures

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

SITE MAP

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-10A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft
DATE: 2/27/2026
PROJECT NUMBER 23050630
FIGURE NO. 1

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\Walltown RI-10A_8b9b50\p30\Walltown RI-8.aprx plotted by BrandonGoverno

NOTES:

LANDFILL GAS SAMPLING WAS CONDUCTED ON DECEMBER 18, 2025. METHANE MEASURED AS % BY VOLUME. CONCENTRATIONS EXCEEDING THE LOWER EXPLOSIVE LIMIT (le) FOR METHANE OF 5% BY VOLUME OR EXCEEDING THE ASSOCIATED RISK ARE IN RED.

RES CR: RESIDENTIAL CARCINOGENIC RISK

RES HI: RESIDENTIAL HAZARD INDEX

NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK

NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

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

DUPLICATE TAKEN AT LFGP-3. THE HIGHER CONCENTRATIONS ARE SHOWN.

REFERENCE:

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

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\Walltown\Walltown RI-10 BMG.aprx plotted by BrandonGoverno

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824 RI-10A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft

DATE: 3/11/2026

PROJECT NUMBER 23050630

FIGURE NO. 2

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\Walltown\Walltown RI-10 BMG.aprx plotted by BrandonGoverno

NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON DECEMBER 1, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). DUPLICATE SAMPLE WAS COLLECTED FROM MW-1. THE HIGHER CONCENTRATIONS ARE SHOWN.

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

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

GROUNDWATER ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824 RI-10A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft
DATE: 3/12/2026
PROJECT NUMBER 23050630
FIGURE NO. 3

NOTES:
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN ON DECEMBER 1, 2025. ELEVATIONS IS MEASURED IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL). APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROW.

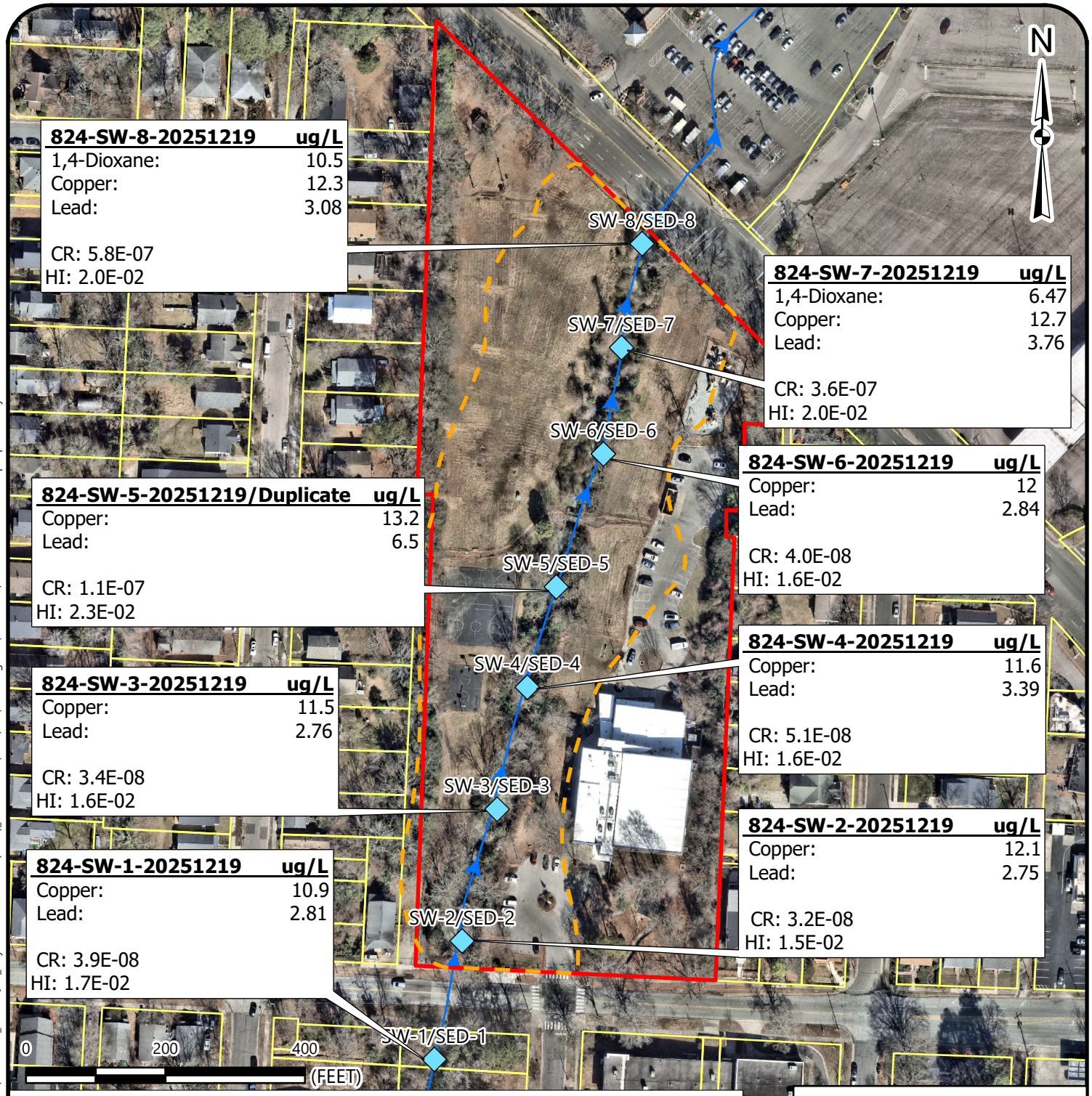
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER POTENTIOMETRIC MAP

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824 RI-10A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft
DATE: 3/16/2026
PROJECT NUMBER 23050630
FIGURE NO. 4

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\Walltown\Walltown RI-10 BMG.aprx plotted by BrandonGoverno



824-SW-8-20251219	ug/L
1,4-Dioxane:	10.5
Copper:	12.3
Lead:	3.08
CR: 5.8E-07	
HI: 2.0E-02	

824-SW-7-20251219	ug/L
1,4-Dioxane:	6.47
Copper:	12.7
Lead:	3.76
CR: 3.6E-07	
HI: 2.0E-02	

824-SW-6-20251219	ug/L
Copper:	12
Lead:	2.84
CR: 4.0E-08	
HI: 1.6E-02	

824-SW-5-20251219/Duplicate	ug/L
Copper:	13.2
Lead:	6.5
CR: 1.1E-07	
HI: 2.3E-02	

824-SW-4-20251219	ug/L
Copper:	11.6
Lead:	3.39
CR: 5.1E-08	
HI: 1.6E-02	

824-SW-3-20251219	ug/L
Copper:	11.5
Lead:	2.76
CR: 3.4E-08	
HI: 1.6E-02	

824-SW-2-20251219	ug/L
Copper:	12.1
Lead:	2.75
CR: 3.2E-08	
HI: 1.5E-02	

824-SW-1-20251219	ug/L
Copper:	10.9
Lead:	2.81
CR: 3.9E-08	
HI: 1.7E-02	

NOTES:
SURFACE WATER SAMPLING WAS CONDUCTED ON DECEMBER 19, 2025. ONLY CONCENTRATIONS THAT EXCEED THE NCAC 2B STANDARDS ARE SHOWN. SAMPLES ARE MEASURED IN MICROGRAMS PER LITER (µg/L). DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER RECEPTOR. VALUES IN RED EXCEED RISK.
DUPLICATE SAMPLE TAKEN AT SW-5 LOCATION. THE HIGHER CONCENTRATIONS ARE SHOWN.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK.
HI: HAZARD INDEX.

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

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

SURFACE WATER ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824 RI-10A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft
DATE: 3/11/2026
PROJECT NUMBER 23050630
FIGURE NO. 5

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\Walltown\Walltown RI-10 BMG.aprx plotted by BrandonGoverno

824-SED-7-20251219	mg/kg
Naphthalene:	52.8
Benzo[a]pyrene:	102
Benzo[b]fluoranthene:	147
Benzo[k]fluoranthene:	61.3
Dibenz[a,h]anthracene:	17.3
Fluoranthene:	313
Indeno[1,2,3-cd]pyrene:	68.4
Pyrene:	234
Arsenic:	1.85
Cobalt:	4.57
Manganese:	229
CR: 1.3E-03	
HI: 7.6E+00	

824-SED-8-20251219	mg/kg
Benzo[a]pyrene:	0.578
Dibenz[a,h]anthracene:	0.113 J
Arsenic:	1.07
Cobalt:	3.57
CR: 9.5E-06	
HI: 4.0E-01	

824-SED-6-20251219	mg/kg
Benzo[a]pyrene:	1.04
Benzo[b]fluoranthene:	1.91
Dibenz[a,h]anthracene:	0.187 J
Arsenic:	1.34
Cobalt:	6.28
Manganese:	194
CR: 1.6E-05	
HI: 6.1E-01	

824-SED-4-20251219	mg/kg
Benzo[a]pyrene:	0.239 J
Cobalt:	3.24
CR: 3.6E-06	
HI: 3.1E-01	

824-SED-5-20251219/Duplicate	mg/kg
Benzo[a]pyrene:	0.127 J
Cobalt:	3.49
CR: 2.4E-06	
HI: 2.9E-01	

824-SED-3-20251219	mg/kg
Arsenic:	1.44
Cobalt:	3.73
CR: 3.2E-06	
HI: 3.7E-01	

824-SED-2-20251219	mg/kg
Cobalt:	2.94
CR: 1.5E-06	
HI: 2.2E-01	

824-SED-1-20251219	mg/kg
Benzo[a]pyrene:	0.228 J
Cobalt:	2.86
CR: 3.4E-06	
HI: 2.1E-01	

NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON DECEMBER 19, 2025. ONLY CONCENTRATIONS THAT EXCEED THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSLs) FOR SOIL ARE SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RESIDENTIAL RECEPTOR.
VALUES IN RED EXCEED RISK.
SEDIMENT SAMPLES ARE MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
DUPLICATE TAKEN AT SED-5 LOCATION. THE HIGHER CONCENTRATIONS ARE SHOWN.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX

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

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

SEDIMENT SAMPLE ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824 RI-10A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 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\RI-10 Figures\Walltown\Walltown RI-10 BMG.aprx plotted by BrandonGoverno

Tables

TABLE 1
Landfill Gas Probe & Gas Implant Construction Details
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Blvd, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)	Screen Interval (ft-bgs)	Grout Interval (ft-bgs)	Bentonite Interval (ft-bgs)	Filter Pack Interval (ft-bgs)
LFGP-1	7/28/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	NA	0.0 - 2.0	2.0 - 3.0
LFGP-2	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 2.0	2.0 - 7.0	0.0 - 1.0	1.0 - 2.0	2.0 - 7.0
LFGP-3	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 4.0	4.0 - 9.0	0.0 - 3.0	3.0 - 4.0	4.0 - 9.0
LFGP-4	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 2.0	2.0 - 7.0	0.0 - 1.0	1.0 - 2.0	2.0 - 7.0
LFGP-5	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 2.0	2.0 - 7.0	0.0 - 1.0	1.0 - 2.0	2.0 - 7.0
LFGP-6	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 2.0	2.0 - 7.0	0.0 - 1.0	1.0 - 2.0	2.0 - 7.0
LFGP-7	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 2.0	2.0 - 7.0	0.0 - 1.0	1.0 - 2.0	2.0 - 7.0
LFGP-8	7/28/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 2.0	2.0 - 7.0	0.0 - 1.0	1.0 - 2.0	2.0 - 7.0
LFGP-9	9/8/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	NA	0.0 - 2.0	2.0 - 3.0

Notes:
LFGP-1 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 - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

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

Bold indicates a concentration greater than background concentrations.

Highlighted indicates a concentration exceeding the lower explosive limit for methane

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

See **Figure 2** for landfill screening locations

TABLE 3
Landfill Gas Sample Analytical Results Summary
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Analyte	CAS Number	Sample ID	824-LFGP-1	824-LFGP-2	824-LFGP-3	824-LFGP-4	824-LFGP-5	824-LFGP-6	824-LFGP-7	824-LFGP-8	824-LFGP-9	824-LFGP-DUP
				Date Collected	12/1/2025	12/1/2025	12/1/2025	12/1/2025	12/1/2025	12/1/2025	12/1/2025	12/1/2025	12/1/2025	12/1/2025
Volatile Organic Compounds by Method TO-15 (µg/m^3)		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1		<5.7	<5.9	<6.4	<10	<6.7	<6.8	**2.1 J**	<5.9	<8.9	<6.2
		1,2,4-Trimethylbenzene	95-63-6		<3.6	<3.8	<4.1	<6.5	<4.3	**2.5 J**	**3.8**	<3.8	**4.1 J**	<4.0
		1,4-Dioxane	123-91-1		<5.3	<5.6	<6.0	<9.6	<6.3	**5.3 J**	<5.5	<5.6	<8.3	<5.9
		2-Butanone (MEK)	78-93-3		<8.7	<9.1	<9.8	<16	<10	<10	**6.2 J**	<9.1	**6.9 J**	<9.6
		4-Ethyltoluene	622-96-8		<3.6	<3.8	<4.1	<6.5	<4.3	**1.8 J**	**1.6 J**	<3.8	**3.1 J**	<4.0
		Acetone	67-64-1		**22**	**11 J**	<20	**69**	<21	**46**	**47**	**11 J**	**64**	<19
		Benzene	71-43-2		<2.4	<2.5	<2.7	**2.0 J**	<2.8	**1.3 J**	**1.0 J**	<2.5	**2.1 J**	<2.6
		Carbon Disulfide	75-15-0		<9.2	<9.7	<10	**8.9 J**	<11	**5.2 J**	**4.5 J**	<9.7	<14	<10
		Chloroform	67-66-3		**12**	<3.8	<4.1	<6.5	<4.3	**1.6 J**	**5.9**	<3.8	**8.0**	<4.0
		Dichlorodifluoromethane (Freon 12)	75-71-8		**1.8 J**	**2.3 J**	**2.1 J**	**8.4**	**2.3 J**	**11**	**11**	**2.5 J**	**12**	**2.4 J**
		Ethanol	64-17-5		**10 J**	**5.8 J**	<16	**8.7 J**	**12 J**	<17	<14	**7.4 J**	**46**	**5.7 J**
		Ethylbenzene	100-41-4		<3.2	<3.4	<3.6	<5.8	<3.8	**1.5 J**	**1.6 J**	<3.4	**2.9 J**	<3.5
		Heptane	142-82-5		<3.0	<3.2	<3.4	**2.5 J**	<3.6	<3.6	<3.1	<3.2	**1.7 J**	<3.3
		Hexane	110-54-3		<2.6	<2.7	<2.9	**3.2 J**	<3.1	**1.3 J**	**1.5 J**	<2.7	**3.0 J**	<2.9
		Methylene chloride	75-09-2		<5.2	<5.4	<5.8	**3.4 J**	**2.2 J**	**4.6 J**	**3.8 J**	<5.4	**5.5 J**	<5.6
		Naphthalene	91-20-3		<1.5	<1.6	<1.7	<2.7	<1.8	**3.98 J**	<1.5	<1.6	**2.36 J**	<1.6
		Total Xylenes	1330-20-7		<3.2	<3.3	<3.6	**6.5 J**	**3.8**	**6.3**	**4.8 J**	<3.3	**10.1**	<3.5
		2-Propanol	67-63-0		**3.9 J**	**3.3 J**	<8.2	**9.0 J**	**4.8 J**	**20**	**25**	<7.6	**13**	<8.0
		Styrene	100-42-5		<3.2	<3.3	<3.5	**2.0 J**	<3.7	<3.8	**3.1 J**	<3.3	**3.1 J**	<3.5
		Tetrachloroethylene (PCE)	127-18-4		<5.0	**190**	**270**	<9.0	**16**	**4.8 J**	**11**	**14**	**9.9**	**250**
		Toluene	108-88-3		<5.6	**2.8 J**	<6.3	**8.4 J**	**3.7 J**	**5.0 J**	**14**	<5.8	**13**	<6.1
		Trichlorofluoromethane (Freon 11)	75-69-4		<4.2	<4.4	<4.7	**4.6 J**	<4.9	**4.3 J**	**4.8**	<4.4	**5.6 J**	<4.6
ASTM D5504-12 (ug/m^3)		Hydrogen Sulfide	7783-06-4		<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
NIOSH 6009 (ug/m^3)		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		**0.00011 J**	<0.00017	<0.00016	**0.00019**	<0.00018	<0.00014	<0.00014	**0.00012 J**	<0.00015	<0.00016
NCDEQ Risk Calculator Values	**Vapor Intrusion Resident Soil Gas To Indoor Air**	**Cumulative Carcinogenic Risk**			0.0E+00	0.0E+00	0.0E+00	1.7E-07	6.5E-10	2.3E-06	1.6E-06	0.0E+00	3.1E-06	See LFGP-3 Risk Assessment
		Non-Carcinogenic Hazard Quotient			1.1E-03	1.1E-03	6.9E-04	8.4E-03	1.5E-03	8.1E-02	1.1E-01	7.2E-04	1.6E-01	
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	**Cumulative Carcinogenic Risk**			0.0E+00	0.0E+00	0.0E+00	1.3E-08	1.8E-11	1.7E-07	1.2E-07	0.0E+00	2.4E-07	
		Non-Carcinogenic Hazard Quotient			8.6E-05	9.0E-05	5.5E-05	6.7E-04	1.2E-04	6.4E-03	8.4E-03	5.7E-05	1.3E-02	

Notes:
Concentrations are reported in micrograms per cubic meter (µg/m3).
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version), Compound not in Calculator.
Exceeds the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
LFGP-DUP was taken at LFGP-3.
J: Estimated value less than the reporting limit but greater than the method detection limit.
NIOSH 6009 Mercury Samples were collected on December 18, 2025
ASTM D5504 Hydrogen Sulfide Samples were collected on December 18, 2025

TABLE 4
Groundwater Monitor Well Construction & Groundwater Levels
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)			Screen Interval (ft-bgs)			Grout Interval (ft-bgs)			Bentonite Interval (ft-bgs)			Filter Pack Interval (ft-bgs)			Top of Casing Elevation (ft-amsl)	Date Water Level Measured	Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
MW-1	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	21.2	0.0	to	11.2	11.2	to	21.2	0.0	to	7.2	7.2	to	9.2	9.2	to	21.2	347.97'	12/1/2025	6.70	341.27
MW-2	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.7	0.0	to	16.7	16.7	to	31.7	0.0	to	12.7	12.7	to	14.7	14.7	to	31.7	347.52'	12/1/2025	7.58	339.94
MW-3	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	21.2	0.0	to	11.2	11.2	to	21.2	0.0	to	7.2	7.2	to	9.2	9.2	to	21.2	346.87'	12/1/2025	7.27	339.60
MW-4	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.5	0.0	to	16.5	16.5	to	31.5	0.0	to	12.5	12.5	to	14.5	14.5	to	31.5	347.03'	12/1/2025	4.83	342.20
MW-5	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	36.5	0.0	to	21.5	21.5	to	36.5	0.0	to	17.5	17.5	to	19.5	19.5	to	36.5	351.89'	12/1/2025	11.61	340.28
MW-6	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.5	0.0	to	16.5	16.5	to	31.5	0.0	to	12.5	12.5	to	14.5	14.5	to	31.5	359.42'	12/1/2025	12.71	346.71
MW-7	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	30.0	0.0	to	15.0	15.0	to	30.0	0.0	to	11.0	11.0	to	13.0	13.0	to	30.0	369.11'	12/1/2025	20.70	348.41
MW-8	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.7	0.0	to	16.7	16.7	to	31.7	0.0	to	12.7	12.7	to	14.7	14.7	to	31.7	351.21'	12/1/2025	8.89	342.32
MW-9	8/5/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.7	0.0	to	16.7	16.7	to	31.7	0.0	to	12.7	12.7	to	14.7	14.7	to	31.7	347.69'	12/1/2025	6.73	340.96

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

TABLE 5

Groundwater Field Screening Parameters

City of Durham Parks - Walltown Park (NONCD0000824)

1308 W. Club Boulevard, Durham, North Carolina

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

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	12/1/2025	7.25	17.00	420	4.02
MW-2	12/1/2025	7.00	17.20	550	9.99
MW-3	12/1/2025	7.14	18.00	500	1.11
MW-4	12/1/2025	7.53	15.70	610	3.09
MW-5	12/1/2025	7.24	17.40	740	25.98
MW-6	12/1/2025	6.84	18.40	1440	4.16
MW-7	12/1/2025	5.64	16.90	1160	3.48
MW-8	12/1/2025	6.65	17.50	510	3.41
MW-9	12/1/2025	7.36	16.70	510	9.13

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 -Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Method 8260D VOCs		Method 8270E SVOCs	Metals by EPA Method 6020								Method 353.2	Method 9056A
CAS Number		75-15-0	67-66-3	105-60-2	7440-38-2	7440-39-3	7440-41-7	7440-50-8	7439-96-5	7440-02-0	7440-62-2	7440-66-6	14797-55-8	14808-79-8
Analyte		Carbon disulfide	Chloroform	Caprolactam	Arsenic	Barium	Beryllium	Copper	Manganese	Nickel	Vanadium	Zinc	Nitrate as (N)	Sulfate
Sample ID	Date Collected													
MW-1-20251201	12/1/2025	<0.5	**1.45**	<2.44	**1.53 J**	**56**	<0.147	**1.23 J**	**27.8**	**0.954 J**	**3.61 J**	<8.91	**1030**	**23300**
MW-2-20251201	12/1/2025	<0.5	<0.9	<2.46	<1.32	**111**	<0.147	**1.23 J**	**116**	**0.787 J**	**2.49 J**	**14.1**	**630**	**27200**
MW-3-20251201	12/1/2025	<0.5	<0.9	<2.41	**1.33 J**	**74**	<0.147	**1.01 J**	**6.08**	<0.422	**1.55 J**	<8.91	**1020**	**23800**
MW-4-20251201	12/1/2025	<0.5	<0.9	**16.7**	**1.75 J**	**585**	<0.147	**1.01 J**	**247**	**0.575 J**	<1.22	<8.91	<10	**20400**
MW-5-20251201	12/1/2025	**0.508 J**	<0.9	<2.47	**2.74 J**	**118**	<0.147	**1.7 J**	**703**	**1.39 J**	**1.54 J**	<8.91	**176**	**64000**
MW-6-20251201	12/1/2025	**0.541 J**	<0.9	**3.43 J**	**2.25 J**	**214**	<0.147	**1.3 J**	**515**	**0.877 J**	<1.22	<8.91	<10	**378000**
MW-7-20251201	12/1/2025	<0.5	<0.9	<2.4	<1.32	**99.4**	**0.859 J**	**0.875 J**	**125**	**28.5**	<1.22	<8.91	**598**	**111000 F1**
MW-8-20251201	12/1/2025	<0.5 F2	<0.9 F1 F2	<2.39	<1.32	**204**	<0.147	**0.881 J**	**479**	<0.422	<1.22	<8.91	**70 J**	**11700**
MW-9-20251201	12/1/2025	<0.5	<0.9	<2.39	**1.93 J**	**179**	<0.147	**0.97 J**	**387**	**0.446 J**	**1.49 J**	<8.91	**38 J**	**9310**
120125-Dup-1-20251201	12/1/2025	<0.5	**1.07**	<2.42	<1.32	**44.5**	<0.147	**0.908 J**	**14.5**	**0.935 J**	**1.97 J**	<8.91	**853**	**22900**
15A NCAC 2L Groundwater Standards & IMACs		700	70	4,000	10	700	4	1000	50	100	7	1000	10,000	250,000

Notes:

Concentrations are reported in micrograms per liter (µg/L).

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

Concentrations shown in **BOLD** exceed the laboratory MDLs.

All detections that exceed the 15 NCAC 2L Standards are highlighted.

J: The reported result is an estimated value.

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

F2: MS/MSD RPD exceeds control limits.

Duplicate was taken at MW-1.

Table 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Method 8260D - VOCs	Method 8270E SIM - SVOC	Method 6020B - Metals							Method 350.1	Method 9056A	Method SM 4500 SO4	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		67-64-1	123-91-1	7440-39-3	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	7664-41-7	14797-55-8	14808-79-8		
Analyte		Acetone	1,4-Dioxane	Barium	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Ammonia Nitrogen	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected														
824-SW-1-20251219	12/19/2025	**8.95 J**	**0.697**	**27.4**	**10.9**	**2.81**	**27.2**	**1.1 J**	**1.57 J**	**32.1**	**34.2 J**	<14.1	**8460**	3.9E-08	1.70E-02
824-SW-2-20251219	12/19/2025	**9.29 J**	**0.568**	**26.9**	**12.1**	**2.75**	**21.7**	**1.59 J**	**1.63 J**	**36.5**	**43.7 J**	<14.1	**8910**	3.2E-08	1.50E-02
824-SW-3-20251219	12/19/2025	**9.34 J**	**0.614**	**27.5**	**11.5**	**2.76**	**23**	**1.28 J**	**1.65 J**	**35.4**	**44.7 J**	<14.1	**9170**	3.4E-08	1.60E-02
824-SW-4-20251219	12/19/2025	**9.26 J**	**0.916**	**28.6**	**11.6**	**3.39**	**24.1**	**1.3 J**	**1.7 J**	**37.3**	**58.7**	<14.1	**9510**	5.1E-08	1.60E-02
824-SW-5-20251219	12/19/2025	**11.2**	**2.01**	**32.1**	**13.2**	**6.5**	**34.8**	**2.05 J**	**2.27 J**	**47.4**	**72.8 F1**	<14.1	**10100**	1.1E-07	2.30E-02
824-SW-6-20251219	12/19/2025	**7.34 J**	**0.719**	**26.8**	**12**	**2.84**	**23.2**	**1.28 J**	**1.67 J**	**34.7**	**136**	<14.1	**10400**	4.0E-08	1.60E-02
824-SW-7-20251219	12/19/2025	**7.69 J**	**6.47**	**28.9**	**12.7**	**3.76**	**30.2**	**1.65 J**	**1.98 J**	**40.7**	**125**	<14.1	**13100**	3.6E-07	2.00E-02
824-SW-8-20251219	12/19/2025	**8.27 J**	**10.5**	**27.2**	**12.3**	**3.08**	**29.6**	**1.32 J**	**1.76 J**	**37.3**	**102**	**14.6 J**	**10900**	5.8E-07	2.00E-02
824-SW-Dup-20251219	12/19/2025	**9.17 J**	**0.655**	**28**	**11.6**	**3.26**	**23**	**1.44 J**	**1.51 J**	**36**	**48.2 J**	<14.1	**9880**	**See SW-5**	
15A NCAC 2B Surface Water Standards		**1000**	**3**	**1000**	**2.7**	**0.54**	**50**	**16**	**7**	**1000**	**NE**	**10,000**	**250,000**		

Notes:
Concentrations are reported in micrograms per liter (µg/L).
NE: 15 A NCAC 2 B Surface Water Standard Not Established
Target constituents not shown for the method were not detected.
Detections that exceed the North Carolina 15A NCAC 2B Surface Water Standards are highlighted.
Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version 2), Compound not in Calculator.
J: Estimated value less than the reporting limit but greater than the method detection limit.
F1: MS and/ or MSD recovery exceeds control limits.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
824-SW-Dup-20251219 was collected from SW-5.

Appendices

Appendix I- Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
LFGP-1	Landfill Gas Probe	36.019360	-78.914190	3,988,114.96	687,947.70
LFGP-2	Landfill Gas Probe	36.019093	-78.913807	3,988,079.27	687,991.21
LFGP-3	Landfill Gas Probe	36.018678	-78.914013	3,988,032.83	687,973.63
LFGP-4	Landfill Gas Probe	36.018381	-78.914754	3987998.45	687,907.55
LFGP-5	Landfill Gas Probe	36.017963	-78.914222	3,987,953.11	687,956.49
LFGP-6	Landfill Gas Probe	36.017765	-78.914788	3,987,930.05	687,905.95
LFGP-7	Landfill Gas Probe	36.017696	-78.914591	3,987,922.77	687,923.87
LFGP-8	Landfill Gas Probe	36.017209	-78.914792	3,987,868.36	687,906.91
LFGP-9	Landfill Gas Probe	36.017620	-78.913745	3,987,915.97	688,000.29
MW-1	Monitor Well	36.019792	-78.914683	826,114.08'	2,025,230.75'
MW-2	Monitor Well	36.019319	-78.914636	825,941.59'	2,025,244.95'
MW-3	Monitor Well	36.019653	-78.914386	826,063.28'	2,025,318.00'
MW-4	Monitor Well	36.018850	-78.914722	825,773.06'	2,025,219.57'
MW-5	Monitor Well	36.018972	-78.913522	825,816.28'	2,025,574.28'
MW-6	Monitor Well	36.018275	-78.913722	825,562.01'	2,025,515.44'
MW-7	Monitor Well	36.017131	-78.913867	825,145.08'	2,025,473.10'
MW-8	Monitor Well	36.017425	-78.914831	825,252.06'	2,025,189.25'
MW-9	Monitor Well	36.018161	-78.914808	825,520.17'	2,025,194.30'
SW-1/SED-1	Surface Water Sediment	36.0167967	-78.9147873	3987822.63	687908.31
SW-2/SED-2	Surface Water Sediment	36.0171729	-78.9146782	3987864.57	687917.25
SW-3/SED-3	Surface Water Sediment	36.0175913	-78.9145407	3987911.25	687928.65
SW-4/SED-4	Surface Water Sediment	36.017979	-78.9144222	3987954.49	687938.41
SW-5/SED-5	Surface Water Sediment	36.0182976	-78.9143084	3987990.06	687947.91
SW-6/SED-6	Surface Water Sediment	36.0187198	-78.9141236	3988037.25	687963.56
SW-7/SED-7	Surface Water Sediment	36.0190576	-78.9140524	3988074.87	687969.17
SW-8/SED-8	Surface Water Sediment	36.0193878	-78.9139717	3988111.65	687975.66

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:	**Walltown Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**			
NCDEQ ID No.:	**NONCD0000824**	Date:	12/10/2025	Gas Analyzer	GEM 5000	GEM 5000	
S&ME Project No.:	**23050630**	Weather:	Overcast	PID	Mini Rae 3000	Mini Rae 3000	Pre Calibration Time:
Task Order:	**RI-10**	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 =	0	100 ppm =	101	
Fresh Air	CH_4 (0%) =	0	O_2 (20.9%) =	20.7	
Methane High	CH_4 (50%) =	50	CO_2 (35%) =	35	
	O_2 (0%) =	0			
H2S Mix	CH_4 (2.5%) =	2.5	O_2 (18%) =	18	
	H_2S (10 ppm) =	10	CO (50 ppm) =	50	

POST Equipment Calibration				
PID (Isobutylene)	0 ppm =	0	100 ppm =	100
Fresh Air	CH_4 (0%) =	0	O_2 (20.9%) =	20.8
Methane High	CH_4 (50%) =	50	CO_2 (35%) =	35
	O_2 (0%)=	0		
H2S Mix	CH_4 (2.5%) =	2.5	O_2 (18%) =	15
	H_2S (10 ppm) =	10	CO (50 ppm) =	50

Screening Data

Sample Location	Time	VOCs		Methane		Carbon Dioxide	Oxygen	Hydrogen Sulfide	Barometric Pressure	Temperature	Humidity
ID	hr:min	ppm-v	%	volume in air (%)	% LEL (100% LEL = 5% CH4)	%	%	ppm-v	in-Hg	°F	%
LFGP-1	13:00	0.0	0	0.0	0	7.6	8.5	0	29.90	43.0	32
LFGP-2	12:55	0.0	0	0.0	0	2.7	18.3	0	29.90	43.0	32
LFGP-3	12:50	0.0	0	0.0	0	5.1	16.2	0	29.90	43.0	32
LFGP-4	13:05	0.0	0	0.0	0	1.9	18.5	0	29.90	43.0	32
LFGP-5	13:35	0.0	0	0.0	0	0.2	20.2	0	29.90	43.0	32
LFGP-6	13:20	0.0	0	0.0	0	0.1	20.0	0	29.90	43.0	32
LFGP-7	13:15	0.0	0	0.0	0	5.9	13.5	0	29.90	43.0	32
LFGP-8	13:25	0.0	0	0.0	0	0.0	20.0	0	29.90	43.0	32
LFGP-9 (Implant)	13:30	0.0	0	0.0	0	4.0	17.4	0	29.90	43.0	32

Name	Signature	Date	Notes:
(1) Brandon Governo		3/5/2026	

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1055
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 6.70 feet
Depth to well bottom from measuring point: feet
Height of water column: -6.70 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: -6.7 x .163 = -1.0921 Gallons -4.1 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
1040	12/1/25	16.80	7.25	0.48	4.72		
1045	12/1/25	15.90	7.28	0.46	7.81		
1050	12/1/25	17.00	7.25	0.42	4.02		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments **120125-DUP-1 collected from this well**

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: Walltown Park
Project No.:
Source Well: MW-2

Locked?: Yes: x No:
Sampled By:

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1145
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 7.58 feet
Depth to well bottom from measuring point: feet
Height of water column: -7.58 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: -7.58 x .163 = -1.23554 Gallons -4.7 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
	1130	12/1/25	17.30	6.98	0.48	53.11		
	1135	12/1/25	17.00	7.05	0.55	7.60		
	1140	12/1/25	17.20	7.00	0.55	9.99		
Final Readings								
			* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1225
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 7.27 feet
Depth to well bottom from measuring point: feet
Height of water column: -7.27 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: -7.27 x .163 = -1.18501 Gallons -4.5 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
1210	12/1/25	18.20	7.22	0.54	1.43		
1215	12/1/25	18.10	7.28	0.53	1.05		
1220	12/1/25	18.00	7.14	0.50	1.11		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1300
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.83 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.83 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: -4.83 x .163 = -0.78729 Gallons -3.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
1245	12/1/25	16.30	7.46	0.61	70.31		
1250	12/1/25	16.00	7.41	0.61	19.66		
1255	12/1/25	15.70	7.53	0.61	3.09		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: Walltown Park
Project No.:
Source Well: MW-5

Locked?: Yes: x No:
Sampled By:

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1355
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 11.61 feet
Depth to well bottom from measuring point: feet
Height of water column: -11.61 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -11.61 x .163 = -1.89243 Gallons -7.2 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
1340	12/1/25	17.10	7.33	0.67	17.52		
1345	12/1/25	17.00	7.26	0.77	48.68		
1350	12/1/25	17.10	7.22	0.75	26.60		
1355	12/1/25	17.40	7.24	0.7	25.98		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1435
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 12.71 feet
Depth to well bottom from measuring point: feet
Height of water column: -12.71 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: -12.71 x .163 = -2.07173 Gallons -7.8 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
1420	12/1/25	18.00	6.92	1.42	8.88		
1425	12/1/25	18.40	6.90	1.42	0.69		
1430	12/1/25	18.40	6.84	1.44	4.16		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1515
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 20.70 feet
Depth to well bottom from measuring point: feet
Height of water column: -20.70 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: -20.7 x .163 = -3.3741 Gallons -12.8 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
1500	12/1/25	16.50	5.69	1.65	20.68		
1505	12/1/25	16.80	5.70	1.25	5.95		
1510	12/1/25	16.90	5.64	1.16	3.48		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1515
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 8.89 feet
Depth to well bottom from measuring point: feet
Height of water column: -8.89 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: -8.89 x .163 = -1.44907 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
1500	12/1/25	17.70	6.63	0.50	11.80		
1505	12/1/25	17.60	6.69	0.51	7.05		
1510	12/1/25	17.50	6.65	0.51	3.41		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: Walltown Park
Project No.:
Source Well: MW-9

Locked?: Yes: x No:
Sampled By:

Purge Date: Monday, December 1, 2025
Purge Time:
Sample Date: Monday, December 1, 2025
Sample Time: 1600
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 6.73 feet
Depth to well bottom from measuring point: feet
Height of water column: -6.73 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: -6.73 x .163 = -1.09699 Gallons -4.2 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

	Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
	1340	12/1/25	16.60	7.47	0.58	10.00		
	1345	12/1/25	17.00	7.37	0.57	6.32		
	1350	12/1/25	16.70	7.36	0.51	9.13		
Final Readings								
			* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Chase Porter
(2)

Environmental Field Report

Date:	Job Number:
11-06-2025	23050630
Project Name: Walltown Park	**Weather/Temperature:** Sunny / 63°
Project Location: Walltown Park, Durham, NC	
Notes By: ☑ ☐	**Present at the Site:** Monica Villegas. Chase Porter

Equipment Used

Peristaltic pump
Turbidity meter
pH/EC meter

Arrived at Dyon Park at 8:30 am and met with Chase and Jonathan Olanin, to assist with the completion of surface water and sediment sampling. After completing the remaining samples at Dyon Park, we departed the site around 10:30 and mobilized to Walltown Park. At Walltown Park, the team conducted additional surface water and sediment sampling along the stream at different locations along the stream. Field parameters were measured by the team and documented in a sheet Jonathan kept. Chase transported all samples to the laboratory under proper chain of custody. Field activities were completed without incidents.

Hours	Mileage	Signature of S&ME Personnel
8	20	MzVillegas

Environmental Field Report	
Date: 12 /19 /2025	**Job Number:** 23050630
Project Name: City of Durham Parks Walltown Park SED/SW Sampling	**Weather/Temperature:**
Project Location: 1308 W. Club Blvd, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin Brandon Governo

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

Purpose: Sample the sediment and surface water along the waterway at Walltown Park.

- Arrive at the site. Scout the park area.

- Calibration of the multipurpose meter (Hanna HI98129):

Calibration of the turbidity meter (LaMotte 2020wi 1803-0312)

- Set out to sample the sediment and surface water at the designated locations. See the table below for sampling times, data, and information. I log location waypoints at the sampling locations with the Trimble GPS Unit "E."

Sampling Time	Sediment ID	Surface Water ID	pH	Conductivity (uS/cm)	Temperature (°C)	Turbidity (NTU)	Relative Flow
0900	SED-8	SW-8	7.35	169.7	13.1	27.89	High
0915	SED-7	SW-7	7.21	145.4	12.2	21.26	Low
0930	SED-6	SW-6	7.19	146.0	12.7	21.06	Low
1000	SED-5	SW-5	7.15	156.0	12.9	14.97	Mod
1000	SED-DUP	SW-DUP	7.15	156.0	12.9	14.97	Mod
1030	SED-4	SW-4	7.24	152.9	13.1	12.49	Mod
1045	SED-3	SW-3	7.15	148.0	12.7	21.82	Mod
1100	SED-2	SW-2	7.08	149.1	13.5	16.73	Mod
1115	SED-1	SW-1	7.15	147.6	12.7	16.82	Mod

Hours	Mileage	Signature of S&ME Personnel
5.0	60	Jonathan Olanin

Appendix III – Laboratory Analytical Reports and COC

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/24/2026 2:37:50 PM

JOB DESCRIPTION

Durham Parks
65000581

JOB NUMBER

650-3356-1

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.

my EOL

Eurofins Environment Testing Northern California, Air Toxics

Job Notes

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

Authorization

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Authorized for release by
Kate Kaneko, Account Executive
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(916)496-4178

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Definitions/Glossary

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

Job ID: 650-3356-1
SDG: 65000581

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD 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.

Air - GC VOA

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

Glossary

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

Job Narrative
650-3356-1

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

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

Receipt
The samples were received on 1/2/2026 9:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
The Chain of Custody (COC) was not relinquished properly. A year and time were not provided by the field sampler.

Sample collection date was incomplete on the Chain of Custody for samples 8224-LFGP-DUP, 8224-LFGP-5, 8224-LFGP-8, 8224-LFGP-1, 8224-LFGP-4, 8224-LFGP-7, 8224-LFGP-6 and 8224-LFGP-9. The year of collection was assumed to be 2025.

Air - GC/MS VOA
Method TO-15: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 650-8060 recovered outside control limits for the following analytes: Bromomethane.

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: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-2 — Lab Sample ID: 650-3356-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.3	J	7.6	2.6	ug/m3	1.55		TO-15	Total/NA
Acetone	11	J	18	6.1	ug/m3	1.55		TO-15	Total/NA
Ethanol	5.8	J	15	4.9	ug/m3	1.55		TO-15	Total/NA
Freon 12	2.3	J	3.8	1.3	ug/m3	1.55		TO-15	Total/NA
Tetrachloroethene	190		5.3	1.8	ug/m3	1.55		TO-15	Total/NA
Toluene	2.8	J	5.8	1.9	ug/m3	1.55		TO-15	Total/NA

Client Sample ID: 8224-LFGP-3 — Lab Sample ID: 650-3356-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 12	2.1	J	4.1	1.4	ug/m3	1.663		TO-15	Total/NA
Tetrachloroethene	270		5.6	1.9	ug/m3	1.663		TO-15	Total/NA

Client Sample ID: 8224-LFGP-DUP — Lab Sample ID: 650-3356-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethanol	5.7	J	15	5.1	ug/m3	1.625		TO-15	Total/NA
Freon 12	2.4	J	4.0	1.4	ug/m3	1.625		TO-15	Total/NA
Tetrachloroethene	250		5.5	1.9	ug/m3	1.625		TO-15	Total/NA

Client Sample ID: 8224-LFGP-5 — Lab Sample ID: 650-3356-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	4.8	J	8.6	2.9	ug/m3	1.75		TO-15	Total/NA
Ethanol	12	J	16	5.5	ug/m3	1.75		TO-15	Total/NA
Freon 12	2.3	J	4.3	1.5	ug/m3	1.75		TO-15	Total/NA
Methylene Chloride	2.2	J	6.1	2.0	ug/m3	1.75		TO-15	Total/NA
Tetrachloroethene	16		5.9	2.0	ug/m3	1.75		TO-15	Total/NA
Toluene	3.7	J	6.6	2.2	ug/m3	1.75		TO-15	Total/NA

Client Sample ID: 8224-LFGP-8 — Lab Sample ID: 650-3356-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	18	6.1	ug/m3	1.55		TO-15	Total/NA
Ethanol	7.4	J	15	4.9	ug/m3	1.55		TO-15	Total/NA
Freon 12	2.5	J	3.8	1.3	ug/m3	1.55		TO-15	Total/NA
Tetrachloroethene	14		5.3	1.8	ug/m3	1.55		TO-15	Total/NA
Methane	0.00012	J	0.00016	0.000051	% v/v	1.55		D1946	Total/NA

Client Sample ID: 8224-LFGP-1 — Lab Sample ID: 650-3356-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.9	J	7.3	2.4	ug/m3	1.483		TO-15	Total/NA
Acetone	22		18	5.9	ug/m3	1.483		TO-15	Total/NA
Chloroform	12		3.6	1.2	ug/m3	1.483		TO-15	Total/NA
Ethanol	10	J	14	4.7	ug/m3	1.483		TO-15	Total/NA
Freon 12	1.8	J	3.7	1.2	ug/m3	1.483		TO-15	Total/NA
Methane	0.00011	J	0.00015	0.000049	% v/v	1.483		D1946	Total/NA

Client Sample ID: 8224-LFGP-4 — Lab Sample ID: 650-3356-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	9.0	J	13	4.4	ug/m3	2.656		TO-15	Total/NA
Acetone	69		32	11	ug/m3	2.656		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 8224-LFGP-4 (Continued) — Lab Sample ID: 650-3356-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.0	J	4.2	1.4	ug/m3	2.656		TO-15	Total/NA
Carbon disulfide	8.9	J	17	5.5	ug/m3	2.656		TO-15	Total/NA
Ethanol	8.7	J	25	8.4	ug/m3	2.656		TO-15	Total/NA
Freon 11	4.6	J	7.5	2.5	ug/m3	2.656		TO-15	Total/NA
Freon 12	8.4		6.6	2.2	ug/m3	2.656		TO-15	Total/NA
Heptane	2.5	J	5.4	1.9	ug/m3	2.656		TO-15	Total/NA
Hexane	3.2	J	4.7	1.6	ug/m3	2.656		TO-15	Total/NA
m,p-Xylenes	4.5	J	12	3.8	ug/m3	2.656		TO-15	Total/NA
Methylene Chloride	3.4	J	9.2	3.0	ug/m3	2.656		TO-15	Total/NA
o-Xylene	2.0	J	5.8	2.0	ug/m3	2.656		TO-15	Total/NA
Styrene	2.0	J	5.7	1.9	ug/m3	2.656		TO-15	Total/NA
Toluene	8.4	J	10	3.3	ug/m3	2.656		TO-15	Total/NA
Methane	0.00019		0.00014	0.000047	% v/v	1.421		D1946	Total/NA

Client Sample ID: 8224-LFGP-7 — Lab Sample ID: 650-3356-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.8		3.8	1.3	ug/m3	1.536		TO-15	Total/NA
2-Butanone (MEK)	6.2	J	9.1	3.0	ug/m3	1.536		TO-15	Total/NA
2-Propanol	25		7.6	2.5	ug/m3	1.536		TO-15	Total/NA
4-Ethyltoluene	1.6	J	3.8	1.3	ug/m3	1.536		TO-15	Total/NA
Acetone	47		18	6.1	ug/m3	1.536		TO-15	Total/NA
Benzene	1.0	J	2.5	0.83	ug/m3	1.536		TO-15	Total/NA
Carbon disulfide	4.5	J	9.6	3.2	ug/m3	1.536		TO-15	Total/NA
Chloroform	5.9		3.7	1.3	ug/m3	1.536		TO-15	Total/NA
Ethylbenzene	1.6	J	3.3	1.1	ug/m3	1.536		TO-15	Total/NA
Freon 11	4.8		4.3	1.5	ug/m3	1.536		TO-15	Total/NA
Freon 113	2.1	J	5.9	2.0	ug/m3	1.536		TO-15	Total/NA
Freon 12	11		3.8	1.3	ug/m3	1.536		TO-15	Total/NA
Hexane	1.5	J	2.7	0.92	ug/m3	1.536		TO-15	Total/NA
m,p-Xylenes	3.1	J	6.7	2.2	ug/m3	1.536		TO-15	Total/NA
Methylene Chloride	3.8	J	5.3	1.8	ug/m3	1.536		TO-15	Total/NA
o-Xylene	1.7	J	3.3	1.1	ug/m3	1.536		TO-15	Total/NA
Styrene	3.1	J	3.3	1.1	ug/m3	1.536		TO-15	Total/NA
Tetrachloroethene	11		5.2	1.8	ug/m3	1.536		TO-15	Total/NA
Toluene	14		5.8	1.9	ug/m3	1.536		TO-15	Total/NA

Client Sample ID: 8224-LFGP-6 — Lab Sample ID: 650-3356-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.5	J	4.4	1.5	ug/m3	1.773		TO-15	Total/NA
1,4-Dioxane	5.3	J	6.4	2.1	ug/m3	1.773		TO-15	Total/NA
2-Propanol	20		8.7	2.9	ug/m3	1.773		TO-15	Total/NA
4-Ethyltoluene	1.8	J	4.4	1.5	ug/m3	1.773		TO-15	Total/NA
Acetone	46		21	7.0	ug/m3	1.773		TO-15	Total/NA
Benzene	1.3	J	2.8	0.96	ug/m3	1.773		TO-15	Total/NA
Carbon disulfide	5.2	J	11	3.7	ug/m3	1.773		TO-15	Total/NA
Chloroform	1.6	J	4.3	1.5	ug/m3	1.773		TO-15	Total/NA
Ethylbenzene	1.5	J	3.8	1.3	ug/m3	1.773		TO-15	Total/NA
Freon 11	4.3	J	5.0	1.7	ug/m3	1.773		TO-15	Total/NA
Freon 12	11		4.4	1.5	ug/m3	1.773		TO-15	Total/NA
Hexane	1.3	J	3.1	1.1	ug/m3	1.773		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 8224-LFGP-6 (Continued) — Lab Sample ID: 650-3356-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylenes	4.2	J	7.7	2.5	ug/m3	1.773		TO-15	Total/NA
Methylene Chloride	4.6	J	6.2	2.0	ug/m3	1.773		TO-15	Total/NA
Naphthalene	0.76	J	1.8	0.30	ppb v/v	1.773		TO-15	Total/NA
o-Xylene	2.1	J	3.8	1.3	ug/m3	1.773		TO-15	Total/NA
Tetrachloroethene	4.8	J	6.0	2.0	ug/m3	1.773		TO-15	Total/NA
Toluene	5.0	J	6.7	2.2	ug/m3	1.773		TO-15	Total/NA

Client Sample ID: 8224-LFGP-9 — Lab Sample ID: 650-3356-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.1	J	5.7	1.9	ug/m3	2.317		TO-15	Total/NA
2-Butanone (MEK)	6.9	J	14	4.6	ug/m3	2.317		TO-15	Total/NA
2-Propanol	13		11	3.8	ug/m3	2.317		TO-15	Total/NA
4-Ethyltoluene	3.1	J	5.7	1.9	ug/m3	2.317		TO-15	Total/NA
Acetone	64		28	9.2	ug/m3	2.317		TO-15	Total/NA
Benzene	2.1	J	3.7	1.3	ug/m3	2.317		TO-15	Total/NA
Chloroform	8.0		5.7	1.9	ug/m3	2.317		TO-15	Total/NA
Ethanol	46		22	7.3	ug/m3	2.317		TO-15	Total/NA
Ethylbenzene	2.9	J	5.0	1.7	ug/m3	2.317		TO-15	Total/NA
Freon 11	5.6	J	6.5	2.2	ug/m3	2.317		TO-15	Total/NA
Freon 12	12		5.7	1.9	ug/m3	2.317		TO-15	Total/NA
Heptane	1.7	J	4.7	1.6	ug/m3	2.317		TO-15	Total/NA
Hexane	3.0	J	4.1	1.4	ug/m3	2.317		TO-15	Total/NA
m,p-Xylenes	6.9	J	10	3.3	ug/m3	2.317		TO-15	Total/NA
Methylene Chloride	5.5	J	8.0	2.7	ug/m3	2.317		TO-15	Total/NA
Naphthalene	0.45	J	2.3	0.39	ppb v/v	2.317		TO-15	Total/NA
o-Xylene	3.2	J	5.0	1.7	ug/m3	2.317		TO-15	Total/NA
Styrene	3.1	J	4.9	1.7	ug/m3	2.317		TO-15	Total/NA
Tetrachloroethene	9.9		7.9	2.7	ug/m3	2.317		TO-15	Total/NA
Toluene	13		8.7	2.9	ug/m3	2.317		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-2

Date Collected: 12/18/25 11:14
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-1

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		4.2	1.4	ug/m3			01/16/26 14:00	1.55
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/16/26 14:00	1.55
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/16/26 14:00	1.55
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/16/26 14:00	1.55
1,1-Dichloroethene	ND		3.1	1.0	ug/m3			01/16/26 14:00	1.55
1,2,4-Trichlorobenzene	ND		23	7.7	ug/m3			01/16/26 14:00	1.55
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/16/26 14:00	1.55
1,2-Dibromoethane (EDB)	ND		6.0	2.0	ug/m3			01/16/26 14:00	1.55
1,2-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/16/26 14:00	1.55
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/16/26 14:00	1.55
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			01/16/26 14:00	1.55
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/16/26 14:00	1.55
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/16/26 14:00	1.55
1,3-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/16/26 14:00	1.55
1,4-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/16/26 14:00	1.55
1,4-Dioxane	ND		5.6	1.8	ug/m3			01/16/26 14:00	1.55
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/16/26 14:00	1.55
2-Butanone (MEK)	ND		9.1	3.1	ug/m3			01/16/26 14:00	1.55
2-Hexanone	ND		13	4.3	ug/m3			01/16/26 14:00	1.55
2-Propanol	**3.3**	**J**	7.6	2.6	ug/m3			01/16/26 14:00	1.55
3-Chloropropene	ND		2.4	0.82	ug/m3			01/16/26 14:00	1.55
4-Ethyltoluene	ND		3.8	1.3	ug/m3			01/16/26 14:00	1.55
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/16/26 14:00	1.55
Acetone	**11**	**J**	18	6.1	ug/m3			01/16/26 14:00	1.55
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/16/26 14:00	1.55
Benzene	ND		2.5	0.84	ug/m3			01/16/26 14:00	1.55
Bromodichloromethane	ND		5.2	1.8	ug/m3			01/16/26 14:00	1.55
Bromoform	ND		8.0	2.7	ug/m3			01/16/26 14:00	1.55
Bromomethane	ND	*1	6.0	2.0	ug/m3			01/16/26 14:00	1.55
Carbon disulfide	ND		9.7	3.2	ug/m3			01/16/26 14:00	1.55
Carbon tetrachloride	ND		4.9	1.7	ug/m3			01/16/26 14:00	1.55
Chlorobenzene	ND		3.6	1.2	ug/m3			01/16/26 14:00	1.55
Chloroethane	ND		8.2	2.7	ug/m3			01/16/26 14:00	1.55
Chloroform	ND		3.8	1.3	ug/m3			01/16/26 14:00	1.55
Chloromethane	ND		16	5.3	ug/m3			01/16/26 14:00	1.55
cis-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/16/26 14:00	1.55
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/16/26 14:00	1.55
Cumene	ND		3.8	1.3	ug/m3			01/16/26 14:00	1.55
Cyclohexane	ND		2.7	0.91	ug/m3			01/16/26 14:00	1.55
Dibromochloromethane	ND		6.6	2.2	ug/m3			01/16/26 14:00	1.55
Ethanol	**5.8**	**J**	15	4.9	ug/m3			01/16/26 14:00	1.55
Ethylbenzene	ND		3.4	1.1	ug/m3			01/16/26 14:00	1.55
Freon 11	ND		4.4	1.5	ug/m3			01/16/26 14:00	1.55
Freon 113	ND		5.9	2.0	ug/m3			01/16/26 14:00	1.55
Freon 12	**2.3**	**J**	3.8	1.3	ug/m3			01/16/26 14:00	1.55
Freon-114	ND		5.4	1.8	ug/m3			01/16/26 14:00	1.55
Heptane	ND		3.2	1.1	ug/m3			01/16/26 14:00	1.55
Hexachlorobutadiene	ND		33	11	ug/m3			01/16/26 14:00	1.55

Client Sample ID: 8224-LFGP-2

Lab Sample ID: 650-3356-1

Date Collected: 12/18/25 11:14
Matrix: Air
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.7	0.93	ug/m3			01/16/26 14:00	1.55
m,p-Xylenes	ND		6.7	2.2	ug/m3			01/16/26 14:00	1.55
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/16/26 14:00	1.55
Methylene Chloride	ND		5.4	1.8	ug/m3			01/16/26 14:00	1.55
Naphthalene	ND		1.6	0.26	ppb v/v			01/16/26 14:00	1.55
o-Xylene	ND		3.4	1.1	ug/m3			01/16/26 14:00	1.55
Propylbenzene	ND		3.8	1.3	ug/m3			01/16/26 14:00	1.55
Styrene	ND		3.3	1.1	ug/m3			01/16/26 14:00	1.55
Tetrachloroethene	**190**		5.3	1.8	ug/m3			01/16/26 14:00	1.55
Tetrahydrofuran	ND		2.3	0.78	ug/m3			01/16/26 14:00	1.55
Toluene	**2.8**	**J**	5.8	1.9	ug/m3			01/16/26 14:00	1.55
trans-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/16/26 14:00	1.55
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/16/26 14:00	1.55
Trichloroethene	ND		4.2	1.4	ug/m3			01/16/26 14:00	1.55
Vinyl chloride	ND		2.0	0.67	ug/m3			01/16/26 14:00	1.55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/16/26 14:00*	*1.55*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/16/26 14:00*	*1.55*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/16/26 14:00*	*1.55*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00016	0.000051	% v/v			01/16/26 09:07	1.55

Client Sample ID: 8224-LFGP-3

Lab Sample ID: 650-3356-2

Date Collected: 12/18/25 10:59
Matrix: Air
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	1.5	ug/m3			01/16/26 16:22	1.663
1,1,2,2-Tetrachloroethane	ND		5.7	1.9	ug/m3			01/16/26 16:22	1.663
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			01/16/26 16:22	1.663
1,1-Dichloroethane	ND		3.4	1.1	ug/m3			01/16/26 16:22	1.663
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			01/16/26 16:22	1.663
1,2,4-Trichlorobenzene	ND		25	8.3	ug/m3			01/16/26 16:22	1.663
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/m3			01/16/26 16:22	1.663
1,2-Dibromoethane (EDB)	ND		6.4	2.2	ug/m3			01/16/26 16:22	1.663
1,2-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/16/26 16:22	1.663
1,2-Dichloroethane	ND		3.4	1.1	ug/m3			01/16/26 16:22	1.663
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			01/16/26 16:22	1.663
1,3,5-Trimethylbenzene	ND		4.1	1.4	ug/m3			01/16/26 16:22	1.663
1,3-Butadiene	ND		1.8	0.63	ug/m3			01/16/26 16:22	1.663
1,3-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/16/26 16:22	1.663
1,4-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/16/26 16:22	1.663
1,4-Dioxane	ND		6.0	2.0	ug/m3			01/16/26 16:22	1.663
2,2,4-Trimethylpentane	ND		3.9	1.3	ug/m3			01/16/26 16:22	1.663

Client Sample ID: 8224-LFGP-3

Date Collected: 12/18/25 10:59
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-2

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		9.8	3.3	ug/m3			01/16/26 16:22	1.663
2-Hexanone	ND		14	4.6	ug/m3			01/16/26 16:22	1.663
2-Propanol	ND		8.2	2.7	ug/m3			01/16/26 16:22	1.663
3-Chloropropene	ND		2.6	0.88	ug/m3			01/16/26 16:22	1.663
4-Ethyltoluene	ND		4.1	1.4	ug/m3			01/16/26 16:22	1.663
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.2	ug/m3			01/16/26 16:22	1.663
Acetone	ND		20	6.6	ug/m3			01/16/26 16:22	1.663
alpha-Chlorotoluene	ND		4.3	1.5	ug/m3			01/16/26 16:22	1.663
Benzene	ND		2.7	0.90	ug/m3			01/16/26 16:22	1.663
Bromodichloromethane	ND		5.6	1.9	ug/m3			01/16/26 16:22	1.663
Bromoform	ND		8.6	2.9	ug/m3			01/16/26 16:22	1.663
Bromomethane	ND	*1	6.5	2.1	ug/m3			01/16/26 16:22	1.663
Carbon disulfide	ND		10	3.5	ug/m3			01/16/26 16:22	1.663
Carbon tetrachloride	ND		5.2	1.8	ug/m3			01/16/26 16:22	1.663
Chlorobenzene	ND		3.8	1.3	ug/m3			01/16/26 16:22	1.663
Chloroethane	ND		8.8	2.9	ug/m3			01/16/26 16:22	1.663
Chloroform	ND		4.1	1.4	ug/m3			01/16/26 16:22	1.663
Chloromethane	ND		17	5.7	ug/m3			01/16/26 16:22	1.663
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/16/26 16:22	1.663
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/16/26 16:22	1.663
Cumene	ND		4.1	1.4	ug/m3			01/16/26 16:22	1.663
Cyclohexane	ND		2.9	0.97	ug/m3			01/16/26 16:22	1.663
Dibromochloromethane	ND		7.1	2.4	ug/m3			01/16/26 16:22	1.663
Ethanol	ND		16	5.2	ug/m3			01/16/26 16:22	1.663
Ethylbenzene	ND		3.6	1.2	ug/m3			01/16/26 16:22	1.663
Freon 11	ND		4.7	1.6	ug/m3			01/16/26 16:22	1.663
Freon 113	ND		6.4	2.2	ug/m3			01/16/26 16:22	1.663
Freon 12	**2.1**	**J**	4.1	1.4	ug/m3			01/16/26 16:22	1.663
Freon-114	ND		5.8	2.0	ug/m3			01/16/26 16:22	1.663
Heptane	ND		3.4	1.2	ug/m3			01/16/26 16:22	1.663
Hexachlorobutadiene	ND		35	12	ug/m3			01/16/26 16:22	1.663
Hexane	ND		2.9	1.0	ug/m3			01/16/26 16:22	1.663
m,p-Xylenes	ND		7.2	2.4	ug/m3			01/16/26 16:22	1.663
Methyl tert-butyl ether	ND		12	4.0	ug/m3			01/16/26 16:22	1.663
Methylene Chloride	ND		5.8	1.9	ug/m3			01/16/26 16:22	1.663
Naphthalene	ND		1.7	0.28	ppb v/v			01/16/26 16:22	1.663
o-Xylene	ND		3.6	1.2	ug/m3			01/16/26 16:22	1.663
Propylbenzene	ND		4.1	1.4	ug/m3			01/16/26 16:22	1.663
Styrene	ND		3.5	1.2	ug/m3			01/16/26 16:22	1.663
Tetrachloroethene	**270**		5.6	1.9	ug/m3			01/16/26 16:22	1.663
Tetrahydrofuran	ND		2.5	0.83	ug/m3			01/16/26 16:22	1.663
Toluene	ND		6.3	2.1	ug/m3			01/16/26 16:22	1.663
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/16/26 16:22	1.663
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/16/26 16:22	1.663
Trichloroethene	ND		4.5	1.5	ug/m3			01/16/26 16:22	1.663
Vinyl chloride	ND		2.1	0.72	ug/m3			01/16/26 16:22	1.663

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/16/26 16:22*	*1.663*

Client Sample ID: 8224-LFGP-3

Lab Sample ID: 650-3356-2

Date Collected: 12/18/25 10:59
Matrix: Air
Date Received: 01/02/26 09:29
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*		*01/16/26 16:22*	*1.663*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/16/26 16:22*	*1.663*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00017	0.000055	% v/v			01/16/26 09:30	1.663

Client Sample ID: 8224-LFGP-DUP

Lab Sample ID: 650-3356-3

Date Collected: 12/18/25 10:59
Matrix: Air
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	1.5	ug/m3			01/16/26 16:59	1.625
1,1,2,2-Tetrachloroethane	ND		5.6	1.9	ug/m3			01/16/26 16:59	1.625
1,1,2-Trichloroethane	ND		4.4	1.5	ug/m3			01/16/26 16:59	1.625
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			01/16/26 16:59	1.625
1,1-Dichloroethene	ND		3.2	1.1	ug/m3			01/16/26 16:59	1.625
1,2,4-Trichlorobenzene	ND		24	8.1	ug/m3			01/16/26 16:59	1.625
1,2,4-Trimethylbenzene	ND		4.0	1.4	ug/m3			01/16/26 16:59	1.625
1,2-Dibromoethane (EDB)	ND		6.2	2.1	ug/m3			01/16/26 16:59	1.625
1,2-Dichlorobenzene	ND		4.9	1.7	ug/m3			01/16/26 16:59	1.625
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			01/16/26 16:59	1.625
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			01/16/26 16:59	1.625
1,3,5-Trimethylbenzene	ND		4.0	1.4	ug/m3			01/16/26 16:59	1.625
1,3-Butadiene	ND		1.8	0.61	ug/m3			01/16/26 16:59	1.625
1,3-Dichlorobenzene	ND		4.9	1.7	ug/m3			01/16/26 16:59	1.625
1,4-Dichlorobenzene	ND		4.9	1.7	ug/m3			01/16/26 16:59	1.625
1,4-Dioxane	ND		5.9	1.9	ug/m3			01/16/26 16:59	1.625
2,2,4-Trimethylpentane	ND		3.8	1.3	ug/m3			01/16/26 16:59	1.625
2-Butanone (MEK)	ND		9.6	3.2	ug/m3			01/16/26 16:59	1.625
2-Hexanone	ND		13	4.5	ug/m3			01/16/26 16:59	1.625
2-Propanol	ND		8.0	2.7	ug/m3			01/16/26 16:59	1.625
3-Chloropropene	ND		2.5	0.86	ug/m3			01/16/26 16:59	1.625
4-Ethyltoluene	ND		4.0	1.4	ug/m3			01/16/26 16:59	1.625
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.1	ug/m3			01/16/26 16:59	1.625
Acetone	ND		19	6.4	ug/m3			01/16/26 16:59	1.625
alpha-Chlorotoluene	ND		4.2	1.4	ug/m3			01/16/26 16:59	1.625
Benzene	ND		2.6	0.88	ug/m3			01/16/26 16:59	1.625
Bromodichloromethane	ND		5.4	1.9	ug/m3			01/16/26 16:59	1.625
Bromoform	ND		8.4	2.9	ug/m3			01/16/26 16:59	1.625
Bromomethane	ND	*1	6.3	2.1	ug/m3			01/16/26 16:59	1.625
Carbon disulfide	ND		10	3.4	ug/m3			01/16/26 16:59	1.625
Carbon tetrachloride	ND		5.1	1.7	ug/m3			01/16/26 16:59	1.625
Chlorobenzene	ND		3.7	1.3	ug/m3			01/16/26 16:59	1.625
Chloroethane	ND		8.6	2.9	ug/m3			01/16/26 16:59	1.625
Chloroform	ND		4.0	1.3	ug/m3			01/16/26 16:59	1.625
Chloromethane	ND		17	5.6	ug/m3			01/16/26 16:59	1.625

Client Sample ID: 8224-LFGP-DUP

Lab Sample ID: 650-3356-3
Matrix: Air
Date Collected: 12/18/25 10:59
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			01/16/26 16:59	1.625
cis-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			01/16/26 16:59	1.625
Cumene	ND		4.0	1.4	ug/m3			01/16/26 16:59	1.625
Cyclohexane	ND		2.8	0.95	ug/m3			01/16/26 16:59	1.625
Dibromochloromethane	ND		6.9	2.4	ug/m3			01/16/26 16:59	1.625
Ethanol	**5.7**	**J**	15	5.1	ug/m3			01/16/26 16:59	1.625
Ethylbenzene	ND		3.5	1.2	ug/m3			01/16/26 16:59	1.625
Freon 11	ND		4.6	1.6	ug/m3			01/16/26 16:59	1.625
Freon 113	ND		6.2	2.1	ug/m3			01/16/26 16:59	1.625
Freon 12	**2.4**	**J**	4.0	1.4	ug/m3			01/16/26 16:59	1.625
Freon-114	ND		5.7	1.9	ug/m3			01/16/26 16:59	1.625
Heptane	ND		3.3	1.1	ug/m3			01/16/26 16:59	1.625
Hexachlorobutadiene	ND		35	12	ug/m3			01/16/26 16:59	1.625
Hexane	ND		2.9	0.97	ug/m3			01/16/26 16:59	1.625
m,p-Xylenes	ND		7.1	2.3	ug/m3			01/16/26 16:59	1.625
Methyl tert-butyl ether	ND		12	3.9	ug/m3			01/16/26 16:59	1.625
Methylene Chloride	ND		5.6	1.9	ug/m3			01/16/26 16:59	1.625
Naphthalene	ND		1.6	0.28	ppb v/v			01/16/26 16:59	1.625
o-Xylene	ND		3.5	1.2	ug/m3			01/16/26 16:59	1.625
Propylbenzene	ND		4.0	1.4	ug/m3			01/16/26 16:59	1.625
Styrene	ND		3.5	1.2	ug/m3			01/16/26 16:59	1.625
Tetrachloroethene	**250**		5.5	1.9	ug/m3			01/16/26 16:59	1.625
Tetrahydrofuran	ND		2.4	0.81	ug/m3			01/16/26 16:59	1.625
Toluene	ND		6.1	2.0	ug/m3			01/16/26 16:59	1.625
trans-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			01/16/26 16:59	1.625
trans-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			01/16/26 16:59	1.625
Trichloroethene	ND		4.4	1.5	ug/m3			01/16/26 16:59	1.625
Vinyl chloride	ND		2.1	0.71	ug/m3			01/16/26 16:59	1.625

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/16/26 16:59*	*1.625*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/16/26 16:59*	*1.625*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/16/26 16:59*	*1.625*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00016	0.000054	% v/v			01/16/26 09:55	1.625

Client Sample ID: 8224-LFGP-5

Lab Sample ID: 650-3356-4
Matrix: Air
Date Collected: 12/18/25 11:28
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	1.6	ug/m3			01/16/26 17:36	1.75
1,1,2,2-Tetrachloroethane	ND		6.0	2.0	ug/m3			01/16/26 17:36	1.75
1,1,2-Trichloroethane	ND		4.8	1.6	ug/m3			01/16/26 17:36	1.75
1,1-Dichloroethane	ND		3.5	1.2	ug/m3			01/16/26 17:36	1.75

Client Sample ID: 8224-LFGP-5

Date Collected: 12/18/25 11:28
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-4

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		3.5	1.2	ug/m3			01/16/26 17:36	1.75
1,2,4-Trichlorobenzene	ND		26	8.7	ug/m3			01/16/26 17:36	1.75
1,2,4-Trimethylbenzene	ND		4.3	1.5	ug/m3			01/16/26 17:36	1.75
1,2-Dibromoethane (EDB)	ND		6.7	2.3	ug/m3			01/16/26 17:36	1.75
1,2-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/16/26 17:36	1.75
1,2-Dichloroethane	ND		3.5	1.2	ug/m3			01/16/26 17:36	1.75
1,2-Dichloropropane	ND		4.0	1.4	ug/m3			01/16/26 17:36	1.75
1,3,5-Trimethylbenzene	ND		4.3	1.5	ug/m3			01/16/26 17:36	1.75
1,3-Butadiene	ND		1.9	0.66	ug/m3			01/16/26 17:36	1.75
1,3-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/16/26 17:36	1.75
1,4-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/16/26 17:36	1.75
1,4-Dioxane	ND		6.3	2.1	ug/m3			01/16/26 17:36	1.75
2,2,4-Trimethylpentane	ND		4.1	1.4	ug/m3			01/16/26 17:36	1.75
2-Butanone (MEK)	ND		10	3.5	ug/m3			01/16/26 17:36	1.75
2-Hexanone	ND		14	4.8	ug/m3			01/16/26 17:36	1.75
2-Propanol	**4.8**	**J**	8.6	2.9	ug/m3			01/16/26 17:36	1.75
3-Chloropropene	ND		2.7	0.93	ug/m3			01/16/26 17:36	1.75
4-Ethyltoluene	ND		4.3	1.5	ug/m3			01/16/26 17:36	1.75
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.2	ug/m3			01/16/26 17:36	1.75
Acetone	ND		21	6.9	ug/m3			01/16/26 17:36	1.75
alpha-Chlorotoluene	ND		4.5	1.5	ug/m3			01/16/26 17:36	1.75
Benzene	ND		2.8	0.95	ug/m3			01/16/26 17:36	1.75
Bromodichloromethane	ND		5.9	2.0	ug/m3			01/16/26 17:36	1.75
Bromoform	ND		9.0	3.1	ug/m3			01/16/26 17:36	1.75
Bromomethane	ND	*1	6.8	2.2	ug/m3			01/16/26 17:36	1.75
Carbon disulfide	ND		11	3.7	ug/m3			01/16/26 17:36	1.75
Carbon tetrachloride	ND		5.5	1.9	ug/m3			01/16/26 17:36	1.75
Chlorobenzene	ND		4.0	1.4	ug/m3			01/16/26 17:36	1.75
Chloroethane	ND		9.2	3.1	ug/m3			01/16/26 17:36	1.75
Chloroform	ND		4.3	1.5	ug/m3			01/16/26 17:36	1.75
Chloromethane	ND		18	6.0	ug/m3			01/16/26 17:36	1.75
cis-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			01/16/26 17:36	1.75
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/m3			01/16/26 17:36	1.75
Cumene	ND		4.3	1.5	ug/m3			01/16/26 17:36	1.75
Cyclohexane	ND		3.0	1.0	ug/m3			01/16/26 17:36	1.75
Dibromochloromethane	ND		7.5	2.5	ug/m3			01/16/26 17:36	1.75
Ethanol	**12**	**J**	16	5.5	ug/m3			01/16/26 17:36	1.75
Ethylbenzene	ND		3.8	1.3	ug/m3			01/16/26 17:36	1.75
Freon 11	ND		4.9	1.7	ug/m3			01/16/26 17:36	1.75
Freon 113	ND		6.7	2.3	ug/m3			01/16/26 17:36	1.75
Freon 12	**2.3**	**J**	4.3	1.5	ug/m3			01/16/26 17:36	1.75
Freon-114	ND		6.1	2.1	ug/m3			01/16/26 17:36	1.75
Heptane	ND		3.6	1.2	ug/m3			01/16/26 17:36	1.75
Hexachlorobutadiene	ND		37	13	ug/m3			01/16/26 17:36	1.75
Hexane	ND		3.1	1.0	ug/m3			01/16/26 17:36	1.75
m,p-Xylenes	ND		7.6	2.5	ug/m3			01/16/26 17:36	1.75
Methyl tert-butyl ether	ND		13	4.2	ug/m3			01/16/26 17:36	1.75
Methylene Chloride	**2.2**	**J**	6.1	2.0	ug/m3			01/16/26 17:36	1.75

Client Sample ID: 8224-LFGP-5

Lab Sample ID: 650-3356-4

Date Collected: 12/18/25 11:28
Matrix: Air
Date Received: 01/02/26 09:29
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		1.8	0.30	ppb v/v			01/16/26 17:36	1.75
o-Xylene	ND		3.8	1.3	ug/m3			01/16/26 17:36	1.75
Propylbenzene	ND		4.3	1.5	ug/m3			01/16/26 17:36	1.75
Styrene	ND		3.7	1.3	ug/m3			01/16/26 17:36	1.75
Tetrachloroethene	**16**		5.9	2.0	ug/m3			01/16/26 17:36	1.75
Tetrahydrofuran	ND		2.6	0.88	ug/m3			01/16/26 17:36	1.75
Toluene	**3.7**	**J**	6.6	2.2	ug/m3			01/16/26 17:36	1.75
trans-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			01/16/26 17:36	1.75
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/m3			01/16/26 17:36	1.75
Trichloroethene	ND		4.7	1.6	ug/m3			01/16/26 17:36	1.75
Vinyl chloride	ND		2.2	0.76	ug/m3			01/16/26 17:36	1.75

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/16/26 17:36*	*1.75*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/16/26 17:36*	*1.75*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/16/26 17:36*	*1.75*

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		0.00018	0.000058	% v/v			01/16/26 10:23	1.75

Client Sample ID: 8224-LFGP-8

Lab Sample ID: 650-3356-5

Date Collected: 12/18/25 12:02
Matrix: Air
Date Received: 01/02/26 09:29
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			01/16/26 18:13	1.55
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/16/26 18:13	1.55
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/16/26 18:13	1.55
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/16/26 18:13	1.55
1,1-Dichloroethene	ND		3.1	1.0	ug/m3			01/16/26 18:13	1.55
1,2,4-Trichlorobenzene	ND		23	7.7	ug/m3			01/16/26 18:13	1.55
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/16/26 18:13	1.55
1,2-Dibromoethane (EDB)	ND		6.0	2.0	ug/m3			01/16/26 18:13	1.55
1,2-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/16/26 18:13	1.55
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/16/26 18:13	1.55
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			01/16/26 18:13	1.55
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/16/26 18:13	1.55
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/16/26 18:13	1.55
1,3-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/16/26 18:13	1.55
1,4-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/16/26 18:13	1.55
1,4-Dioxane	ND		5.6	1.8	ug/m3			01/16/26 18:13	1.55
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/16/26 18:13	1.55
2-Butanone (MEK)	ND		9.1	3.1	ug/m3			01/16/26 18:13	1.55
2-Hexanone	ND		13	4.3	ug/m3			01/16/26 18:13	1.55
2-Propanol	ND		7.6	2.6	ug/m3			01/16/26 18:13	1.55
3-Chloropropene	ND		2.4	0.82	ug/m3			01/16/26 18:13	1.55

Client Sample ID: 8224-LFGP-8

Date Collected: 12/18/25 12:02
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-5

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			01/16/26 18:13	1.55
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/16/26 18:13	1.55
Acetone	**11**	**J**	18	6.1	ug/m3			01/16/26 18:13	1.55
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/16/26 18:13	1.55
Benzene	ND		2.5	0.84	ug/m3			01/16/26 18:13	1.55
Bromodichloromethane	ND		5.2	1.8	ug/m3			01/16/26 18:13	1.55
Bromoform	ND		8.0	2.7	ug/m3			01/16/26 18:13	1.55
Bromomethane	ND	*1	6.0	2.0	ug/m3			01/16/26 18:13	1.55
Carbon disulfide	ND		9.7	3.2	ug/m3			01/16/26 18:13	1.55
Carbon tetrachloride	ND		4.9	1.7	ug/m3			01/16/26 18:13	1.55
Chlorobenzene	ND		3.6	1.2	ug/m3			01/16/26 18:13	1.55
Chloroethane	ND		8.2	2.7	ug/m3			01/16/26 18:13	1.55
Chloroform	ND		3.8	1.3	ug/m3			01/16/26 18:13	1.55
Chloromethane	ND		16	5.3	ug/m3			01/16/26 18:13	1.55
cis-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/16/26 18:13	1.55
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/16/26 18:13	1.55
Cumene	ND		3.8	1.3	ug/m3			01/16/26 18:13	1.55
Cyclohexane	ND		2.7	0.91	ug/m3			01/16/26 18:13	1.55
Dibromochloromethane	ND		6.6	2.2	ug/m3			01/16/26 18:13	1.55
Ethanol	**7.4**	**J**	15	4.9	ug/m3			01/16/26 18:13	1.55
Ethylbenzene	ND		3.4	1.1	ug/m3			01/16/26 18:13	1.55
Freon 11	ND		4.4	1.5	ug/m3			01/16/26 18:13	1.55
Freon 113	ND		5.9	2.0	ug/m3			01/16/26 18:13	1.55
Freon 12	**2.5**	**J**	3.8	1.3	ug/m3			01/16/26 18:13	1.55
Freon-114	ND		5.4	1.8	ug/m3			01/16/26 18:13	1.55
Heptane	ND		3.2	1.1	ug/m3			01/16/26 18:13	1.55
Hexachlorobutadiene	ND		33	11	ug/m3			01/16/26 18:13	1.55
Hexane	ND		2.7	0.93	ug/m3			01/16/26 18:13	1.55
m,p-Xylenes	ND		6.7	2.2	ug/m3			01/16/26 18:13	1.55
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/16/26 18:13	1.55
Methylene Chloride	ND		5.4	1.8	ug/m3			01/16/26 18:13	1.55
Naphthalene	ND		1.6	0.26	ppb v/v			01/16/26 18:13	1.55
o-Xylene	ND		3.4	1.1	ug/m3			01/16/26 18:13	1.55
Propylbenzene	ND		3.8	1.3	ug/m3			01/16/26 18:13	1.55
Styrene	ND		3.3	1.1	ug/m3			01/16/26 18:13	1.55
Tetrachloroethene	**14**		5.3	1.8	ug/m3			01/16/26 18:13	1.55
Tetrahydrofuran	ND		2.3	0.78	ug/m3			01/16/26 18:13	1.55
Toluene	ND		5.8	1.9	ug/m3			01/16/26 18:13	1.55
trans-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/16/26 18:13	1.55
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/16/26 18:13	1.55
Trichloroethene	ND		4.2	1.4	ug/m3			01/16/26 18:13	1.55
Vinyl chloride	ND		2.0	0.67	ug/m3			01/16/26 18:13	1.55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*01/16/26 18:13*	*1.55*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/16/26 18:13*	*1.55*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/16/26 18:13*	*1.55*

Client Sample ID: 8224-LFGP-8

Lab Sample ID: 650-3356-5

Date Collected: 12/18/25 12:02
Matrix: Air
Date Received: 01/02/26 09:29
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	**0.00012**	**J**	0.00016	0.000051	% v/v			01/16/26 10:54	1.55

Client Sample ID: 8224-LFGP-1

Lab Sample ID: 650-3356-6

Date Collected: 12/18/25 13:08
Matrix: Air
Date Received: 01/02/26 09:29
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			01/16/26 22:46	1.483
1,1,2,2-Tetrachloroethane	ND		5.1	1.7	ug/m3			01/16/26 22:46	1.483
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			01/16/26 22:46	1.483
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			01/16/26 22:46	1.483
1,1-Dichloroethene	ND		2.9	1.0	ug/m3			01/16/26 22:46	1.483
1,2,4-Trichlorobenzene	ND		22	7.4	ug/m3			01/16/26 22:46	1.483
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/16/26 22:46	1.483
1,2-Dibromoethane (EDB)	ND		5.7	1.9	ug/m3			01/16/26 22:46	1.483
1,2-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/16/26 22:46	1.483
1,2-Dichloroethane	ND		3.0	1.0	ug/m3			01/16/26 22:46	1.483
1,2-Dichloropropane	ND		3.4	1.2	ug/m3			01/16/26 22:46	1.483
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/16/26 22:46	1.483
1,3-Butadiene	ND		1.6	0.56	ug/m3			01/16/26 22:46	1.483
1,3-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/16/26 22:46	1.483
1,4-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/16/26 22:46	1.483
1,4-Dioxane	ND		5.3	1.8	ug/m3			01/16/26 22:46	1.483
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			01/16/26 22:46	1.483
2-Butanone (MEK)	ND		8.7	2.9	ug/m3			01/16/26 22:46	1.483
2-Hexanone	ND		12	4.1	ug/m3			01/16/26 22:46	1.483
2-Propanol	**3.9**	**J**	7.3	2.4	ug/m3			01/16/26 22:46	1.483
3-Chloropropene	ND		2.3	0.79	ug/m3			01/16/26 22:46	1.483
4-Ethyltoluene	ND		3.6	1.2	ug/m3			01/16/26 22:46	1.483
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			01/16/26 22:46	1.483
Acetone	**22**		18	5.9	ug/m3			01/16/26 22:46	1.483
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			01/16/26 22:46	1.483
Benzene	ND		2.4	0.81	ug/m3			01/16/26 22:46	1.483
Bromodichloromethane	ND		5.0	1.7	ug/m3			01/16/26 22:46	1.483
Bromoform	ND		7.7	2.6	ug/m3			01/16/26 22:46	1.483
Bromomethane	ND	*1	5.8	1.9	ug/m3			01/16/26 22:46	1.483
Carbon disulfide	ND		9.2	3.1	ug/m3			01/16/26 22:46	1.483
Carbon tetrachloride	ND		4.7	1.6	ug/m3			01/16/26 22:46	1.483
Chlorobenzene	ND		3.4	1.2	ug/m3			01/16/26 22:46	1.483
Chloroethane	ND		7.8	2.6	ug/m3			01/16/26 22:46	1.483
Chloroform	**12**		3.6	1.2	ug/m3			01/16/26 22:46	1.483
Chloromethane	ND		15	5.1	ug/m3			01/16/26 22:46	1.483
cis-1,2-Dichloroethene	ND		2.9	1.0	ug/m3			01/16/26 22:46	1.483
cis-1,3-Dichloropropene	ND		3.4	1.1	ug/m3			01/16/26 22:46	1.483
Cumene	ND		3.6	1.2	ug/m3			01/16/26 22:46	1.483
Cyclohexane	ND		2.6	0.87	ug/m3			01/16/26 22:46	1.483
Dibromochloromethane	ND		6.3	2.1	ug/m3			01/16/26 22:46	1.483

Client Sample ID: 8224-LFGP-1

Lab Sample ID: 650-3356-6
Matrix: Air
Date Collected: 12/18/25 13:08
Date Received: 01/02/26 09:29
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	**10**	**J**	14	4.7	ug/m3			01/16/26 22:46	1.483
Ethylbenzene	ND		3.2	1.1	ug/m3			01/16/26 22:46	1.483
Freon 11	ND		4.2	1.4	ug/m3			01/16/26 22:46	1.483
Freon 113	ND		5.7	1.9	ug/m3			01/16/26 22:46	1.483
Freon 12	**1.8**	**J**	3.7	1.2	ug/m3			01/16/26 22:46	1.483
Freon-114	ND		5.2	1.8	ug/m3			01/16/26 22:46	1.483
Heptane	ND		3.0	1.0	ug/m3			01/16/26 22:46	1.483
Hexachlorobutadiene	ND		32	11	ug/m3			01/16/26 22:46	1.483
Hexane	ND		2.6	0.89	ug/m3			01/16/26 22:46	1.483
m,p-Xylenes	ND		6.4	2.1	ug/m3			01/16/26 22:46	1.483
Methyl tert-butyl ether	ND		11	3.6	ug/m3			01/16/26 22:46	1.483
Methylene Chloride	ND		5.2	1.7	ug/m3			01/16/26 22:46	1.483
Naphthalene	ND		1.5	0.25	ppb v/v			01/16/26 22:46	1.483
o-Xylene	ND		3.2	1.1	ug/m3			01/16/26 22:46	1.483
Propylbenzene	ND		3.6	1.2	ug/m3			01/16/26 22:46	1.483
Styrene	ND		3.2	1.1	ug/m3			01/16/26 22:46	1.483
Tetrachloroethene	ND		5.0	1.7	ug/m3			01/16/26 22:46	1.483
Tetrahydrofuran	ND		2.2	0.74	ug/m3			01/16/26 22:46	1.483
Toluene	ND		5.6	1.8	ug/m3			01/16/26 22:46	1.483
trans-1,2-Dichloroethene	ND		2.9	1.0	ug/m3			01/16/26 22:46	1.483
trans-1,3-Dichloropropene	ND		3.4	1.1	ug/m3			01/16/26 22:46	1.483
Trichloroethene	ND		4.0	1.4	ug/m3			01/16/26 22:46	1.483
Vinyl chloride	ND		1.9	0.64	ug/m3			01/16/26 22:46	1.483

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/16/26 22:46*	*1.483*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*01/16/26 22:46*	*1.483*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/16/26 22:46*	*1.483*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00011**	**J**	0.00015	0.000049	% v/v			01/16/26 11:47	1.483

Client Sample ID: 8224-LFGP-4

Lab Sample ID: 650-3356-7
Matrix: Air
Date Collected: 12/18/25 13:23
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.2	2.5	ug/m3			01/16/26 23:29	2.656
1,1,2,2-Tetrachloroethane	ND		9.1	3.1	ug/m3			01/16/26 23:29	2.656
1,1,2-Trichloroethane	ND		7.2	2.5	ug/m3			01/16/26 23:29	2.656
1,1-Dichloroethane	ND		5.4	1.8	ug/m3			01/16/26 23:29	2.656
1,1-Dichloroethene	ND		5.3	1.8	ug/m3			01/16/26 23:29	2.656
1,2,4-Trichlorobenzene	ND		39	13	ug/m3			01/16/26 23:29	2.656
1,2,4-Trimethylbenzene	ND		6.5	2.2	ug/m3			01/16/26 23:29	2.656
1,2-Dibromoethane (EDB)	ND		10	3.5	ug/m3			01/16/26 23:29	2.656
1,2-Dichlorobenzene	ND		8.0	2.7	ug/m3			01/16/26 23:29	2.656

Client Sample ID: 8224-LFGP-4

Date Collected: 12/18/25 13:23
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-7

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		5.4	1.8	ug/m3			01/16/26 23:29	2.656
1,2-Dichloropropane	ND		6.1	2.1	ug/m3			01/16/26 23:29	2.656
1,3,5-Trimethylbenzene	ND		6.5	2.2	ug/m3			01/16/26 23:29	2.656
1,3-Butadiene	ND		2.9	1.0	ug/m3			01/16/26 23:29	2.656
1,3-Dichlorobenzene	ND		8.0	2.7	ug/m3			01/16/26 23:29	2.656
1,4-Dichlorobenzene	ND		8.0	2.7	ug/m3			01/16/26 23:29	2.656
1,4-Dioxane	ND		9.6	3.2	ug/m3			01/16/26 23:29	2.656
2,2,4-Trimethylpentane	ND		6.2	2.1	ug/m3			01/16/26 23:29	2.656
2-Butanone (MEK)	ND		16	5.2	ug/m3			01/16/26 23:29	2.656
2-Hexanone	ND		22	7.3	ug/m3			01/16/26 23:29	2.656
2-Propanol	**9.0**	**J**	13	4.4	ug/m3			01/16/26 23:29	2.656
3-Chloropropene	ND		4.2	1.4	ug/m3			01/16/26 23:29	2.656
4-Ethyltoluene	ND		6.5	2.2	ug/m3			01/16/26 23:29	2.656
4-Methyl-2-pentanone (MIBK)	ND		5.4	1.8	ug/m3			01/16/26 23:29	2.656
Acetone	**69**		32	11	ug/m3			01/16/26 23:29	2.656
alpha-Chlorotoluene	ND		6.9	2.3	ug/m3			01/16/26 23:29	2.656
Benzene	**2.0**	**J**	4.2	1.4	ug/m3			01/16/26 23:29	2.656
Bromodichloromethane	ND		8.9	3.0	ug/m3			01/16/26 23:29	2.656
Bromoform	ND		14	4.7	ug/m3			01/16/26 23:29	2.656
Bromomethane	ND	*1	10	3.4	ug/m3			01/16/26 23:29	2.656
Carbon disulfide	**8.9**	**J**	17	5.5	ug/m3			01/16/26 23:29	2.656
Carbon tetrachloride	ND		8.4	2.8	ug/m3			01/16/26 23:29	2.656
Chlorobenzene	ND		6.1	2.1	ug/m3			01/16/26 23:29	2.656
Chloroethane	ND		14	4.7	ug/m3			01/16/26 23:29	2.656
Chloroform	ND		6.5	2.2	ug/m3			01/16/26 23:29	2.656
Chloromethane	ND		27	9.2	ug/m3			01/16/26 23:29	2.656
cis-1,2-Dichloroethene	ND		5.3	1.8	ug/m3			01/16/26 23:29	2.656
cis-1,3-Dichloropropene	ND		6.0	2.0	ug/m3			01/16/26 23:29	2.656
Cumene	ND		6.5	2.2	ug/m3			01/16/26 23:29	2.656
Cyclohexane	ND		4.6	1.6	ug/m3			01/16/26 23:29	2.656
Dibromochloromethane	ND		11	3.8	ug/m3			01/16/26 23:29	2.656
Ethanol	**8.7**	**J**	25	8.4	ug/m3			01/16/26 23:29	2.656
Ethylbenzene	ND		5.8	2.0	ug/m3			01/16/26 23:29	2.656
Freon 11	**4.6**	**J**	7.5	2.5	ug/m3			01/16/26 23:29	2.656
Freon 113	ND		10	3.5	ug/m3			01/16/26 23:29	2.656
Freon 12	**8.4**		6.6	2.2	ug/m3			01/16/26 23:29	2.656
Freon-114	ND		9.3	3.2	ug/m3			01/16/26 23:29	2.656
Heptane	**2.5**	**J**	5.4	1.9	ug/m3			01/16/26 23:29	2.656
Hexachlorobutadiene	ND		57	19	ug/m3			01/16/26 23:29	2.656
Hexane	**3.2**	**J**	4.7	1.6	ug/m3			01/16/26 23:29	2.656
m,p-Xylenes	**4.5**	**J**	12	3.8	ug/m3			01/16/26 23:29	2.656
Methyl tert-butyl ether	ND		19	6.4	ug/m3			01/16/26 23:29	2.656
Methylene Chloride	**3.4**	**J**	9.2	3.0	ug/m3			01/16/26 23:29	2.656
Naphthalene	ND		2.7	0.45	ppb v/v			01/16/26 23:29	2.656
o-Xylene	**2.0**	**J**	5.8	2.0	ug/m3			01/16/26 23:29	2.656
Propylbenzene	ND		6.5	2.2	ug/m3			01/16/26 23:29	2.656
Styrene	**2.0**	**J**	5.7	1.9	ug/m3			01/16/26 23:29	2.656
Tetrachloroethene	ND		9.0	3.1	ug/m3			01/16/26 23:29	2.656

Client Sample ID: 8224-LFGP-4

Lab Sample ID: 650-3356-7

Date Collected: 12/18/25 13:23
Matrix: Air
Date Received: 01/02/26 09:29
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		3.9	1.3	ug/m3			01/16/26 23:29	2.656
Toluene	**8.4**	**J**	10	3.3	ug/m3			01/16/26 23:29	2.656
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/m3			01/16/26 23:29	2.656
trans-1,3-Dichloropropene	ND		6.0	2.0	ug/m3			01/16/26 23:29	2.656
Trichloroethene	ND		7.1	2.4	ug/m3			01/16/26 23:29	2.656
Vinyl chloride	ND		3.4	1.2	ug/m3			01/16/26 23:29	2.656

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*01/16/26 23:29*	*2.656*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/16/26 23:29*	*2.656*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/16/26 23:29*	*2.656*

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**		0.00014	0.000047	% v/v			01/16/26 12:09	1.421

Client Sample ID: 8224-LFGP-7

Lab Sample ID: 650-3356-8

Date Collected: 12/18/25 13:45
Matrix: Air
Date Received: 01/02/26 09:29
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			01/17/26 00:41	1.536
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/17/26 00:41	1.536
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/17/26 00:41	1.536
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/17/26 00:41	1.536
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			01/17/26 00:41	1.536
1,2,4-Trichlorobenzene	ND		23	7.6	ug/m3			01/17/26 00:41	1.536
1,2,4-Trimethylbenzene	**3.8**		3.8	1.3	ug/m3			01/17/26 00:41	1.536
1,2-Dibromoethane (EDB)	ND		5.9	2.0	ug/m3			01/17/26 00:41	1.536
1,2-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/17/26 00:41	1.536
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/17/26 00:41	1.536
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			01/17/26 00:41	1.536
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/17/26 00:41	1.536
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/17/26 00:41	1.536
1,3-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/17/26 00:41	1.536
1,4-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/17/26 00:41	1.536
1,4-Dioxane	ND		5.5	1.8	ug/m3			01/17/26 00:41	1.536
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/17/26 00:41	1.536
2-Butanone (MEK)	**6.2**	**J**	9.1	3.0	ug/m3			01/17/26 00:41	1.536
2-Hexanone	ND		13	4.2	ug/m3			01/17/26 00:41	1.536
2-Propanol	**25**		7.6	2.5	ug/m3			01/17/26 00:41	1.536
3-Chloropropene	ND		2.4	0.82	ug/m3			01/17/26 00:41	1.536
4-Ethyltoluene	**1.6**	**J**	3.8	1.3	ug/m3			01/17/26 00:41	1.536
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			01/17/26 00:41	1.536
Acetone	**47**		18	6.1	ug/m3			01/17/26 00:41	1.536
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/17/26 00:41	1.536
Benzene	**1.0**	**J**	2.5	0.83	ug/m3			01/17/26 00:41	1.536

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

Job ID: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-7

Date Collected: 12/18/25 13:45
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-8

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		5.1	1.7	ug/m3			01/17/26 00:41	1.536
Bromoform	ND		7.9	2.7	ug/m3			01/17/26 00:41	1.536
Bromomethane	ND	*1	6.0	2.0	ug/m3			01/17/26 00:41	1.536
Carbon disulfide	**4.5**	**J**	9.6	3.2	ug/m3			01/17/26 00:41	1.536
Carbon tetrachloride	ND		4.8	1.6	ug/m3			01/17/26 00:41	1.536
Chlorobenzene	ND		3.5	1.2	ug/m3			01/17/26 00:41	1.536
Chloroethane	ND		8.1	2.7	ug/m3			01/17/26 00:41	1.536
Chloroform	**5.9**		3.7	1.3	ug/m3			01/17/26 00:41	1.536
Chloromethane	ND		16	5.3	ug/m3			01/17/26 00:41	1.536
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/17/26 00:41	1.536
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/17/26 00:41	1.536
Cumene	ND		3.8	1.3	ug/m3			01/17/26 00:41	1.536
Cyclohexane	ND		2.6	0.90	ug/m3			01/17/26 00:41	1.536
Dibromochloromethane	ND		6.5	2.2	ug/m3			01/17/26 00:41	1.536
Ethanol	ND		14	4.8	ug/m3			01/17/26 00:41	1.536
Ethylbenzene	**1.6**	**J**	3.3	1.1	ug/m3			01/17/26 00:41	1.536
Freon 11	**4.8**		4.3	1.5	ug/m3			01/17/26 00:41	1.536
Freon 113	**2.1**	**J**	5.9	2.0	ug/m3			01/17/26 00:41	1.536
Freon 12	**11**		3.8	1.3	ug/m3			01/17/26 00:41	1.536
Freon-114	ND		5.4	1.8	ug/m3			01/17/26 00:41	1.536
Heptane	ND		3.1	1.1	ug/m3			01/17/26 00:41	1.536
Hexachlorobutadiene	ND		33	11	ug/m3			01/17/26 00:41	1.536
Hexane	**1.5**	**J**	2.7	0.92	ug/m3			01/17/26 00:41	1.536
m,p-Xylenes	**3.1**	**J**	6.7	2.2	ug/m3			01/17/26 00:41	1.536
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/17/26 00:41	1.536
Methylene Chloride	**3.8**	**J**	5.3	1.8	ug/m3			01/17/26 00:41	1.536
Naphthalene	ND		1.5	0.26	ppb v/v			01/17/26 00:41	1.536
o-Xylene	**1.7**	**J**	3.3	1.1	ug/m3			01/17/26 00:41	1.536
Propylbenzene	ND		3.8	1.3	ug/m3			01/17/26 00:41	1.536
Styrene	**3.1**	**J**	3.3	1.1	ug/m3			01/17/26 00:41	1.536
Tetrachloroethene	**11**		5.2	1.8	ug/m3			01/17/26 00:41	1.536
Tetrahydrofuran	ND		2.3	0.77	ug/m3			01/17/26 00:41	1.536
Toluene	**14**		5.8	1.9	ug/m3			01/17/26 00:41	1.536
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/17/26 00:41	1.536
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/17/26 00:41	1.536
Trichloroethene	ND		4.1	1.4	ug/m3			01/17/26 00:41	1.536
Vinyl chloride	ND		2.0	0.67	ug/m3			01/17/26 00:41	1.536

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*01/17/26 00:41*	*1.536*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*01/17/26 00:41*	*1.536*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/17/26 00:41*	*1.536*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00014	0.000047	% v/v			01/16/26 12:33	1.421

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

Job ID: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-6

Date Collected: 12/18/25 13:49
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-9

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		4.8	1.6	ug/m3			01/17/26 01:54	1.773
1,1,2,2-Tetrachloroethane	ND		6.1	2.1	ug/m3			01/17/26 01:54	1.773
1,1,2-Trichloroethane	ND		4.8	1.6	ug/m3			01/17/26 01:54	1.773
1,1-Dichloroethane	ND		3.6	1.2	ug/m3			01/17/26 01:54	1.773
1,1-Dichloroethene	ND		3.5	1.2	ug/m3			01/17/26 01:54	1.773
1,2,4-Trichlorobenzene	ND		26	8.8	ug/m3			01/17/26 01:54	1.773
1,2,4-Trimethylbenzene	**2.5**	**J**	4.4	1.5	ug/m3			01/17/26 01:54	1.773
1,2-Dibromoethane (EDB)	ND		6.8	2.3	ug/m3			01/17/26 01:54	1.773
1,2-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/17/26 01:54	1.773
1,2-Dichloroethane	ND		3.6	1.2	ug/m3			01/17/26 01:54	1.773
1,2-Dichloropropane	ND		4.1	1.4	ug/m3			01/17/26 01:54	1.773
1,3,5-Trimethylbenzene	ND		4.4	1.5	ug/m3			01/17/26 01:54	1.773
1,3-Butadiene	ND		2.0	0.67	ug/m3			01/17/26 01:54	1.773
1,3-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/17/26 01:54	1.773
1,4-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/17/26 01:54	1.773
1,4-Dioxane	**5.3**	**J**	6.4	2.1	ug/m3			01/17/26 01:54	1.773
2,2,4-Trimethylpentane	ND		4.1	1.4	ug/m3			01/17/26 01:54	1.773
2-Butanone (MEK)	ND		10	3.5	ug/m3			01/17/26 01:54	1.773
2-Hexanone	ND		15	4.9	ug/m3			01/17/26 01:54	1.773
2-Propanol	**20**		8.7	2.9	ug/m3			01/17/26 01:54	1.773
3-Chloropropene	ND		2.8	0.94	ug/m3			01/17/26 01:54	1.773
4-Ethyltoluene	**1.8**	**J**	4.4	1.5	ug/m3			01/17/26 01:54	1.773
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.2	ug/m3			01/17/26 01:54	1.773
Acetone	**46**		21	7.0	ug/m3			01/17/26 01:54	1.773
alpha-Chlorotoluene	ND		4.6	1.6	ug/m3			01/17/26 01:54	1.773
Benzene	**1.3**	**J**	2.8	0.96	ug/m3			01/17/26 01:54	1.773
Bromodichloromethane	ND		5.9	2.0	ug/m3			01/17/26 01:54	1.773
Bromoform	ND		9.2	3.1	ug/m3			01/17/26 01:54	1.773
Bromomethane	ND	*1	6.9	2.3	ug/m3			01/17/26 01:54	1.773
Carbon disulfide	**5.2**	**J**	11	3.7	ug/m3			01/17/26 01:54	1.773
Carbon tetrachloride	ND		5.6	1.9	ug/m3			01/17/26 01:54	1.773
Chlorobenzene	ND		4.1	1.4	ug/m3			01/17/26 01:54	1.773
Chloroethane	ND		9.4	3.1	ug/m3			01/17/26 01:54	1.773
Chloroform	**1.6**	**J**	4.3	1.5	ug/m3			01/17/26 01:54	1.773
Chloromethane	ND		18	6.1	ug/m3			01/17/26 01:54	1.773
cis-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			01/17/26 01:54	1.773
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/m3			01/17/26 01:54	1.773
Cumene	ND		4.4	1.5	ug/m3			01/17/26 01:54	1.773
Cyclohexane	ND		3.1	1.0	ug/m3			01/17/26 01:54	1.773
Dibromochloromethane	ND		7.6	2.6	ug/m3			01/17/26 01:54	1.773
Ethanol	ND		17	5.6	ug/m3			01/17/26 01:54	1.773
Ethylbenzene	**1.5**	**J**	3.8	1.3	ug/m3			01/17/26 01:54	1.773
Freon 11	**4.3**	**J**	5.0	1.7	ug/m3			01/17/26 01:54	1.773
Freon 113	ND		6.8	2.3	ug/m3			01/17/26 01:54	1.773
Freon 12	**11**		4.4	1.5	ug/m3			01/17/26 01:54	1.773
Freon-114	ND		6.2	2.1	ug/m3			01/17/26 01:54	1.773
Heptane	ND		3.6	1.2	ug/m3			01/17/26 01:54	1.773
Hexachlorobutadiene	ND		38	13	ug/m3			01/17/26 01:54	1.773

Client Sample ID: 8224-LFGP-6

Lab Sample ID: 650-3356-9

Date Collected: 12/18/25 13:49
Matrix: Air
Date Received: 01/02/26 09:29
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	**1.3**	**J**	3.1	1.1	ug/m3			01/17/26 01:54	1.773
m,p-Xylenes	**4.2**	**J**	7.7	2.5	ug/m3			01/17/26 01:54	1.773
Methyl tert-butyl ether	ND		13	4.3	ug/m3			01/17/26 01:54	1.773
Methylene Chloride	**4.6**	**J**	6.2	2.0	ug/m3			01/17/26 01:54	1.773
Naphthalene	**0.76**	**J**	1.8	0.30	ppb v/v			01/17/26 01:54	1.773
o-Xylene	**2.1**	**J**	3.8	1.3	ug/m3			01/17/26 01:54	1.773
Propylbenzene	ND		4.4	1.5	ug/m3			01/17/26 01:54	1.773
Styrene	ND		3.8	1.3	ug/m3			01/17/26 01:54	1.773
Tetrachloroethene	**4.8**	**J**	6.0	2.0	ug/m3			01/17/26 01:54	1.773
Tetrahydrofuran	ND		2.6	0.89	ug/m3			01/17/26 01:54	1.773
Toluene	**5.0**	**J**	6.7	2.2	ug/m3			01/17/26 01:54	1.773
trans-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			01/17/26 01:54	1.773
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/m3			01/17/26 01:54	1.773
Trichloroethene	ND		4.8	1.6	ug/m3			01/17/26 01:54	1.773
Vinyl chloride	ND		2.3	0.77	ug/m3			01/17/26 01:54	1.773

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/17/26 01:54*	*1.773*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/17/26 01:54*	*1.773*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/17/26 01:54*	*1.773*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00014	0.000046	% v/v			01/16/26 12:56	1.392

Client Sample ID: 8224-LFGP-9

Lab Sample ID: 650-3356-10

Date Collected: 12/18/25 12:29
Matrix: Air
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	2.1	ug/m3			01/17/26 03:00	2.317
1,1,2,2-Tetrachloroethane	ND		8.0	2.7	ug/m3			01/17/26 03:00	2.317
1,1,2-Trichloroethane	ND		6.3	2.1	ug/m3			01/17/26 03:00	2.317
1,1-Dichloroethane	ND		4.7	1.6	ug/m3			01/17/26 03:00	2.317
1,1-Dichloroethene	ND		4.6	1.6	ug/m3			01/17/26 03:00	2.317
1,2,4-Trichlorobenzene	ND		34	12	ug/m3			01/17/26 03:00	2.317
1,2,4-Trimethylbenzene	**4.1**	**J**	5.7	1.9	ug/m3			01/17/26 03:00	2.317
1,2-Dibromoethane (EDB)	ND		8.9	3.0	ug/m3			01/17/26 03:00	2.317
1,2-Dichlorobenzene	ND		7.0	2.4	ug/m3			01/17/26 03:00	2.317
1,2-Dichloroethane	ND		4.7	1.6	ug/m3			01/17/26 03:00	2.317
1,2-Dichloropropane	ND		5.4	1.8	ug/m3			01/17/26 03:00	2.317
1,3,5-Trimethylbenzene	ND		5.7	1.9	ug/m3			01/17/26 03:00	2.317
1,3-Butadiene	ND		2.6	0.87	ug/m3			01/17/26 03:00	2.317
1,3-Dichlorobenzene	ND		7.0	2.4	ug/m3			01/17/26 03:00	2.317
1,4-Dichlorobenzene	ND		7.0	2.4	ug/m3			01/17/26 03:00	2.317
1,4-Dioxane	ND		8.3	2.8	ug/m3			01/17/26 03:00	2.317
2,2,4-Trimethylpentane	ND		5.4	1.8	ug/m3			01/17/26 03:00	2.317

Client Sample ID: 8224-LFGP-9

Date Collected: 12/18/25 12:29
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-10

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)	**6.9**	**J**	14	4.6	ug/m3			01/17/26 03:00	2.317
2-Hexanone	ND		19	6.4	ug/m3			01/17/26 03:00	2.317
2-Propanol	**13**		11	3.8	ug/m3			01/17/26 03:00	2.317
3-Chloropropene	ND		3.6	1.2	ug/m3			01/17/26 03:00	2.317
4-Ethyltoluene	**3.1**	**J**	5.7	1.9	ug/m3			01/17/26 03:00	2.317
4-Methyl-2-pentanone (MIBK)	ND		4.7	1.6	ug/m3			01/17/26 03:00	2.317
Acetone	**64**		28	9.2	ug/m3			01/17/26 03:00	2.317
alpha-Chlorotoluene	ND		6.0	2.0	ug/m3			01/17/26 03:00	2.317
Benzene	**2.1**	**J**	3.7	1.3	ug/m3			01/17/26 03:00	2.317
Bromodichloromethane	ND		7.8	2.6	ug/m3			01/17/26 03:00	2.317
Bromoform	ND		12	4.1	ug/m3			01/17/26 03:00	2.317
Bromomethane	ND	*1	9.0	3.0	ug/m3			01/17/26 03:00	2.317
Carbon disulfide	ND		14	4.8	ug/m3			01/17/26 03:00	2.317
Carbon tetrachloride	ND		7.3	2.5	ug/m3			01/17/26 03:00	2.317
Chlorobenzene	ND		5.3	1.8	ug/m3			01/17/26 03:00	2.317
Chloroethane	ND		12	4.1	ug/m3			01/17/26 03:00	2.317
Chloroform	**8.0**		5.7	1.9	ug/m3			01/17/26 03:00	2.317
Chloromethane	ND		24	8.0	ug/m3			01/17/26 03:00	2.317
cis-1,2-Dichloroethene	ND		4.6	1.6	ug/m3			01/17/26 03:00	2.317
cis-1,3-Dichloropropene	ND		5.3	1.8	ug/m3			01/17/26 03:00	2.317
Cumene	ND		5.7	1.9	ug/m3			01/17/26 03:00	2.317
Cyclohexane	ND		4.0	1.4	ug/m3			01/17/26 03:00	2.317
Dibromochloromethane	ND		9.9	3.4	ug/m3			01/17/26 03:00	2.317
Ethanol	**46**		22	7.3	ug/m3			01/17/26 03:00	2.317
Ethylbenzene	**2.9**	**J**	5.0	1.7	ug/m3			01/17/26 03:00	2.317
Freon 11	**5.6**	**J**	6.5	2.2	ug/m3			01/17/26 03:00	2.317
Freon 113	ND		8.9	3.0	ug/m3			01/17/26 03:00	2.317
Freon 12	**12**		5.7	1.9	ug/m3			01/17/26 03:00	2.317
Freon-114	ND		8.1	2.8	ug/m3			01/17/26 03:00	2.317
Heptane	**1.7**	**J**	4.7	1.6	ug/m3			01/17/26 03:00	2.317
Hexachlorobutadiene	ND		49	17	ug/m3			01/17/26 03:00	2.317
Hexane	**3.0**	**J**	4.1	1.4	ug/m3			01/17/26 03:00	2.317
m,p-Xylenes	**6.9**	**J**	10	3.3	ug/m3			01/17/26 03:00	2.317
Methyl tert-butyl ether	ND		17	5.6	ug/m3			01/17/26 03:00	2.317
Methylene Chloride	**5.5**	**J**	8.0	2.7	ug/m3			01/17/26 03:00	2.317
Naphthalene	**0.45**	**J**	2.3	0.39	ppb v/v			01/17/26 03:00	2.317
o-Xylene	**3.2**	**J**	5.0	1.7	ug/m3			01/17/26 03:00	2.317
Propylbenzene	ND		5.7	1.9	ug/m3			01/17/26 03:00	2.317
Styrene	**3.1**	**J**	4.9	1.7	ug/m3			01/17/26 03:00	2.317
Tetrachloroethene	**9.9**		7.9	2.7	ug/m3			01/17/26 03:00	2.317
Tetrahydrofuran	ND		3.4	1.2	ug/m3			01/17/26 03:00	2.317
Toluene	**13**		8.7	2.9	ug/m3			01/17/26 03:00	2.317
trans-1,2-Dichloroethene	ND		4.6	1.6	ug/m3			01/17/26 03:00	2.317
trans-1,3-Dichloropropene	ND		5.3	1.8	ug/m3			01/17/26 03:00	2.317
Trichloroethene	ND		6.2	2.1	ug/m3			01/17/26 03:00	2.317
Vinyl chloride	ND		3.0	1.0	ug/m3			01/17/26 03:00	2.317

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/17/26 03:00*	*2.317*

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

Job ID: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-9
Date Collected: 12/18/25 12:29
Date Received: 01/02/26 09:29
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3356-10
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)	*101*		*70 - 130*		*01/17/26 03:00*	*2.317*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/17/26 03:00*	*2.317*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000049	% v/v			01/16/26 13:22	1.483

Surrogate Summary

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

Job ID: 650-3356-1
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)
650-3356-1	8224-LFGP-2	98	100	100
650-3356-2	8224-LFGP-3	98	100	100
650-3356-3	8224-LFGP-DUP	98	102	101
650-3356-4	8224-LFGP-5	98	102	100
650-3356-5	8224-LFGP-8	97	102	101
650-3356-6	8224-LFGP-1	101	99	101
650-3356-7	8224-LFGP-4	100	100	99
650-3356-8	8224-LFGP-7	105	103	99
650-3356-9	8224-LFGP-6	101	101	100
650-3356-10	8224-LFGP-9	101	101	100
LCS 650-8060/4	Lab Control Sample	97	103	100
LCSD 650-8060/6	Lab Control Sample Dup	99	101	99
MB 650-8060/7	Method Blank	98	98	98

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: 650-3356-1
SDG: 65000581

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

Lab Sample ID: MB 650-8060/7
Matrix: Air
Analysis Batch: 8060

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			01/16/26 11:10	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			01/16/26 11:10	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			01/16/26 11:10	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			01/16/26 11:10	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			01/16/26 11:10	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			01/16/26 11:10	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/16/26 11:10	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			01/16/26 11:10	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/16/26 11:10	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			01/16/26 11:10	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			01/16/26 11:10	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/16/26 11:10	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			01/16/26 11:10	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/16/26 11:10	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/16/26 11:10	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			01/16/26 11:10	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			01/16/26 11:10	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			01/16/26 11:10	1
2-Hexanone	ND		8.2	2.7	ug/m3			01/16/26 11:10	1
2-Propanol	ND		4.9	1.6	ug/m3			01/16/26 11:10	1
3-Chloropropene	ND		1.6	0.53	ug/m3			01/16/26 11:10	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			01/16/26 11:10	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			01/16/26 11:10	1
Acetone	ND		12	4.0	ug/m3			01/16/26 11:10	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			01/16/26 11:10	1
Benzene	ND		1.6	0.54	ug/m3			01/16/26 11:10	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			01/16/26 11:10	1
Bromoform	ND		5.2	1.8	ug/m3			01/16/26 11:10	1
Bromomethane	ND		3.9	1.3	ug/m3			01/16/26 11:10	1
Carbon disulfide	ND		6.2	2.1	ug/m3			01/16/26 11:10	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			01/16/26 11:10	1
Chlorobenzene	ND		2.3	0.78	ug/m3			01/16/26 11:10	1
Chloroethane	ND		5.3	1.8	ug/m3			01/16/26 11:10	1
Chloroform	ND		2.4	0.83	ug/m3			01/16/26 11:10	1
Chloromethane	ND		10	3.4	ug/m3			01/16/26 11:10	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/16/26 11:10	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/16/26 11:10	1
Cumene	ND		2.5	0.84	ug/m3			01/16/26 11:10	1
Cyclohexane	ND		1.7	0.59	ug/m3			01/16/26 11:10	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			01/16/26 11:10	1
Ethanol	ND		9.4	3.1	ug/m3			01/16/26 11:10	1
Ethylbenzene	ND		2.2	0.74	ug/m3			01/16/26 11:10	1
Freon 11	ND		2.8	0.96	ug/m3			01/16/26 11:10	1
Freon 113	ND		3.8	1.3	ug/m3			01/16/26 11:10	1
Freon 12	ND		2.5	0.84	ug/m3			01/16/26 11:10	1
Freon-114	ND		3.5	1.2	ug/m3			01/16/26 11:10	1
Heptane	ND		2.0	0.70	ug/m3			01/16/26 11:10	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			01/16/26 11:10	1

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

Lab Sample ID: MB 650-8060/7
Matrix: Air
Analysis Batch: 8060

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			01/16/26 11:10	1
m,p-Xylenes	ND		4.3	1.4	ug/m3			01/16/26 11:10	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			01/16/26 11:10	1
Methylene Chloride	ND		3.5	1.1	ug/m3			01/16/26 11:10	1
Naphthalene	0.248	J	1.0	0.17	ppb v/v			01/16/26 11:10	1
o-Xylene	ND		2.2	0.74	ug/m3			01/16/26 11:10	1
Propylbenzene	ND		2.5	0.84	ug/m3			01/16/26 11:10	1
Styrene	ND		2.1	0.72	ug/m3			01/16/26 11:10	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			01/16/26 11:10	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			01/16/26 11:10	1
Toluene	ND		3.8	1.2	ug/m3			01/16/26 11:10	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/16/26 11:10	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/16/26 11:10	1
Trichloroethene	ND		2.7	0.91	ug/m3			01/16/26 11:10	1
Vinyl chloride	ND		1.3	0.43	ug/m3			01/16/26 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/16/26 11:10*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*01/16/26 11:10*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/16/26 11:10*	*1*

Lab Sample ID: LCS 650-8060/4
Matrix: Air
Analysis Batch: 8060

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	274	281		ug/m3		103	70 - 130
1,1,2,2-Tetrachloroethane	344	342		ug/m3		99	70 - 130
1,1,2-Trichloroethane	274	275		ug/m3		100	70 - 130
1,1-Dichloroethane	203	206		ug/m3		102	70 - 130
1,1-Dichloroethene	199	209		ug/m3		105	70 - 130
1,2,4-Trichlorobenzene	417	415		ug/m3		100	70 - 130
1,2,4-Trimethylbenzene	246	261		ug/m3		106	70 - 130
1,2-Dibromoethane (EDB)	385	402		ug/m3		104	70 - 130
1,2-Dichlorobenzene	301	308		ug/m3		102	70 - 130
1,2-Dichloroethane	203	179		ug/m3		88	70 - 130
1,2-Dichloropropane	232	197		ug/m3		85	70 - 130
1,3,5-Trimethylbenzene	246	255		ug/m3		103	70 - 130
1,3-Butadiene	111	77.1		ug/m3		70	70 - 130
1,3-Dichlorobenzene	301	303		ug/m3		100	70 - 130
1,4-Dichlorobenzene	301	310		ug/m3		103	70 - 130
1,4-Dioxane	181	151		ug/m3		84	70 - 130
2,2,4-Trimethylpentane	234	213		ug/m3		91	70 - 130
2-Butanone (MEK)	148	137		ug/m3		93	70 - 130
2-Hexanone	205	190		ug/m3		93	70 - 130
2-Propanol	123	119		ug/m3		97	70 - 130
3-Chloropropene	157	166		ug/m3		106	70 - 130
4-Ethyltoluene	246	261		ug/m3		106	70 - 130

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

Lab Sample ID: LCS 650-8060/4
Matrix: Air
Analysis Batch: 8060

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)	205	195		ug/m3		95	70 - 130
Acetone	119	106		ug/m3		89	70 - 130
alpha-Chlorotoluene	260	279		ug/m3		108	70 - 130
Benzene	160	143		ug/m3		90	70 - 130
Bromodichloromethane	336	345		ug/m3		103	70 - 130
Bromoform	518	560		ug/m3		108	70 - 130
Bromomethane	195	146		ug/m3		75	70 - 130
Carbon disulfide	156	143		ug/m3		92	70 - 130
Carbon tetrachloride	315	329		ug/m3		104	70 - 130
Chlorobenzene	231	202		ug/m3		88	70 - 130
Chloroethane	132	122		ug/m3		92	70 - 130
Chloroform	245	211		ug/m3		86	70 - 130
Chloromethane	104	86.5		ug/m3		84	70 - 130
cis-1,2-Dichloroethene	199	204		ug/m3		103	70 - 130
cis-1,3-Dichloropropene	228	244		ug/m3		107	70 - 130
Cumene	246	230		ug/m3		93	70 - 130
Cyclohexane	173	165		ug/m3		96	70 - 130
Dibromochloromethane	427	452		ug/m3		106	70 - 130
Ethanol	111	93.4		ug/m3		84	70 - 130
Ethylbenzene	218	197		ug/m3		91	70 - 130
Freon 11	282	282		ug/m3		100	70 - 130
Freon 113	384	381		ug/m3		99	70 - 130
Freon 12	248	243		ug/m3		98	70 - 130
Freon-114	350	324		ug/m3		92	70 - 130
Heptane	205	192		ug/m3		94	70 - 130
Hexachlorobutadiene	593	585		ug/m3		99	70 - 130
Hexane	177	160		ug/m3		91	70 - 130
m,p-Xylenes	218	199		ug/m3		91	70 - 130
Methyl tert-butyl ether	181	166		ug/m3		92	70 - 130
Methylene Chloride	174	150		ug/m3		86	70 - 130
Naphthalene	5.01	5.83		ppb v/v		116	60 - 140
o-Xylene	218	204		ug/m3		94	70 - 130
Propylbenzene	246	265		ug/m3		108	70 - 130
Styrene	214	228		ug/m3		107	70 - 130
Tetrachloroethene	340	304		ug/m3		89	70 - 130
Tetrahydrofuran	148	131		ug/m3		88	70 - 130
Toluene	189	163		ug/m3		86	70 - 130
trans-1,2-Dichloroethene	199	201		ug/m3		101	70 - 130
trans-1,3-Dichloropropene	228	239		ug/m3		105	70 - 130
Trichloroethene	269	246		ug/m3		91	70 - 130
Vinyl chloride	128	104		ug/m3		81	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: LCSD 650-8060/6
Matrix: Air
Analysis Batch: 8060

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			274	284		ug/m3		104	70 - 130	1	25
1,1,2,2-Tetrachloroethane			344	349		ug/m3		101	70 - 130	2	25
1,1,2-Trichloroethane			274	281		ug/m3		103	70 - 130	2	25
1,1-Dichloroethane			203	215		ug/m3		106	70 - 130	5	25
1,1-Dichloroethene			199	221		ug/m3		111	70 - 130	6	25
1,2,4-Trichlorobenzene			417	422		ug/m3		101	70 - 130	2	25
1,2,4-Trimethylbenzene			246	269		ug/m3		109	70 - 130	3	25
1,2-Dibromoethane (EDB)			385	411		ug/m3		107	70 - 130	2	25
1,2-Dichlorobenzene			301	314		ug/m3		104	70 - 130	2	25
1,2-Dichloroethane			203	177		ug/m3		87	70 - 130	1	25
1,2-Dichloropropane			232	200		ug/m3		86	70 - 130	2	25
1,3,5-Trimethylbenzene			246	261		ug/m3		106	70 - 130	2	25
1,3-Butadiene			111	96.2		ug/m3		87	70 - 130	22	25
1,3-Dichlorobenzene			301	307		ug/m3		102	70 - 130	1	25
1,4-Dichlorobenzene			301	314		ug/m3		104	70 - 130	2	25
1,4-Dioxane			181	154		ug/m3		85	70 - 130	2	25
2,2,4-Trimethylpentane			234	225		ug/m3		96	70 - 130	6	25
2-Butanone (MEK)			148	142		ug/m3		96	70 - 130	4	25
2-Hexanone			205	195		ug/m3		95	70 - 130	3	25
2-Propanol			123	130		ug/m3		106	70 - 130	9	25
3-Chloropropene			157	170		ug/m3		109	70 - 130	3	25
4-Ethyltoluene			246	271		ug/m3		110	70 - 130	4	25
4-Methyl-2-pentanone (MIBK)			205	197		ug/m3		96	70 - 130	1	25
Acetone			119	113		ug/m3		95	70 - 130	6	25
alpha-Chlorotoluene			260	290		ug/m3		112	70 - 130	4	25
Benzene			160	142		ug/m3		89	70 - 130	1	25
Bromodichloromethane			336	348		ug/m3		104	70 - 130	1	25
Bromoform			518	571		ug/m3		110	70 - 130	2	25
Bromomethane			195	211	*1	ug/m3		108	70 - 130	36	25
Carbon disulfide			156	148		ug/m3		95	70 - 130	3	25
Carbon tetrachloride			315	334		ug/m3		106	70 - 130	2	25
Chlorobenzene			231	205		ug/m3		89	70 - 130	1	25
Chloroethane			132	133		ug/m3		100	70 - 130	8	25
Chloroform			245	221		ug/m3		90	70 - 130	5	25
Chloromethane			104	82.5		ug/m3		80	70 - 130	5	25
cis-1,2-Dichloroethene			199	215		ug/m3		108	70 - 130	5	25
cis-1,3-Dichloropropene			228	249		ug/m3		109	70 - 130	2	25
Cumene			246	239		ug/m3		97	70 - 130	4	25
Cyclohexane			173	169		ug/m3		98	70 - 130	3	25
Dibromochloromethane			427	461		ug/m3		108	70 - 130	2	25
Ethanol			111	97.8		ug/m3		88	70 - 130	5	25
Ethylbenzene			218	205		ug/m3		94	70 - 130	4	25
Freon 11			282	293		ug/m3		104	70 - 130	4	25
Freon 113			384	399		ug/m3		104	70 - 130	5	25
Freon 12			248	258		ug/m3		104	70 - 130	6	25
Freon-114			350	363		ug/m3		104	70 - 130	11	25
Heptane			205	196		ug/m3		95	70 - 130	2	25
Hexachlorobutadiene			593	589		ug/m3		99	70 - 130	1	25

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

Lab Sample ID: LCSD 650-8060/6
Matrix: Air
Analysis Batch: 8060

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			177	166		ug/m3		94	70 - 130	4	25
m,p-Xylenes			218	206		ug/m3		95	70 - 130	3	25
Methyl tert-butyl ether			181	171		ug/m3		95	70 - 130	3	25
Methylene Chloride			174	155		ug/m3		89	70 - 130	3	25
Naphthalene			5.01	6.04		ppb v/v		120	60 - 140	4	25
o-Xylene			218	212		ug/m3		98	70 - 130	4	25
Propylbenzene			246	272		ug/m3		110	70 - 130	2	25
Styrene			214	232		ug/m3		109	70 - 130	1	25
Tetrachloroethene			340	311		ug/m3		91	70 - 130	2	25
Tetrahydrofuran			148	136		ug/m3		92	70 - 130	4	25
Toluene			189	165		ug/m3		87	70 - 130	1	25
trans-1,2-Dichloroethene			199	206		ug/m3		104	70 - 130	3	25
trans-1,3-Dichloropropene			228	247		ug/m3		108	70 - 130	3	25
Trichloroethene			269	251		ug/m3		93	70 - 130	2	25
Vinyl chloride			128	116		ug/m3		91	70 - 130	11	25

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

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

Lab Sample ID: MB 650-8064/3
Matrix: Air
Analysis Batch: 8064

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			01/16/26 08:35	1

Lab Sample ID: LCS 650-8064/2
Matrix: Air
Analysis Batch: 8064

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 650-8064/24
Matrix: Air
Analysis Batch: 8064

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	9.67		% v/v		98	85 - 115	1	25

QC Association Summary

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

Job ID: 650-3356-1
SDG: 65000581

Air - GC/MS VOA

Analysis Batch: 8060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3356-1	8224-LFGP-2	Total/NA	Air	TO-15	
650-3356-2	8224-LFGP-3	Total/NA	Air	TO-15	
650-3356-3	8224-LFGP-DUP	Total/NA	Air	TO-15	
650-3356-4	8224-LFGP-5	Total/NA	Air	TO-15	
650-3356-5	8224-LFGP-8	Total/NA	Air	TO-15	
650-3356-6	8224-LFGP-1	Total/NA	Air	TO-15	
650-3356-7	8224-LFGP-4	Total/NA	Air	TO-15	
650-3356-8	8224-LFGP-7	Total/NA	Air	TO-15	
650-3356-9	8224-LFGP-6	Total/NA	Air	TO-15	
650-3356-10	8224-LFGP-9	Total/NA	Air	TO-15	
MB 650-8060/7	Method Blank	Total/NA	Air	TO-15	
LCS 650-8060/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-8060/6	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 8064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3356-1	8224-LFGP-2	Total/NA	Air	D1946	
650-3356-2	8224-LFGP-3	Total/NA	Air	D1946	
650-3356-3	8224-LFGP-DUP	Total/NA	Air	D1946	
650-3356-4	8224-LFGP-5	Total/NA	Air	D1946	
650-3356-5	8224-LFGP-8	Total/NA	Air	D1946	
650-3356-6	8224-LFGP-1	Total/NA	Air	D1946	
650-3356-7	8224-LFGP-4	Total/NA	Air	D1946	
650-3356-8	8224-LFGP-7	Total/NA	Air	D1946	
650-3356-9	8224-LFGP-6	Total/NA	Air	D1946	
650-3356-10	8224-LFGP-9	Total/NA	Air	D1946	
MB 650-8064/3	Method Blank	Total/NA	Air	D1946	
LCS 650-8064/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-8064/24	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

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

Job ID: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-2
Date Collected: 12/18/25 11:14
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.55	8060	AE	Air Toxics	01/16/26 14:00
Total/NA	Analysis	D1946		1.55	8064	EM	Air Toxics	01/16/26 09:07

Client Sample ID: 8224-LFGP-3
Date Collected: 12/18/25 10:59
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.663	8060	AE	Air Toxics	01/16/26 16:22
Total/NA	Analysis	D1946		1.663	8064	EM	Air Toxics	01/16/26 09:30

Client Sample ID: 8224-LFGP-DUP
Date Collected: 12/18/25 10:59
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-3
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.625	8060	AE	Air Toxics	01/16/26 16:59
Total/NA	Analysis	D1946		1.625	8064	EM	Air Toxics	01/16/26 09:55

Client Sample ID: 8224-LFGP-5
Date Collected: 12/18/25 11:28
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-4
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.75	8060	AE	Air Toxics	01/16/26 17:36
Total/NA	Analysis	D1946		1.75	8064	EM	Air Toxics	01/16/26 10:23

Client Sample ID: 8224-LFGP-8
Date Collected: 12/18/25 12:02
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-5
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.55	8060	AE	Air Toxics	01/16/26 18:13
Total/NA	Analysis	D1946		1.55	8064	EM	Air Toxics	01/16/26 10:54

Client Sample ID: 8224-LFGP-1
Date Collected: 12/18/25 13:08
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-6
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.483	8060	AE	Air Toxics	01/16/26 22:46
Total/NA	Analysis	D1946		1.483	8064	EM	Air Toxics	01/16/26 11:47

Lab Chronicle

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

Job ID: 650-3356-1
SDG: 65000581

Client Sample ID: 8224-LFGP-4
Date Collected: 12/18/25 13:23
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-7
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		2.656	8060	AE	Air Toxics	01/16/26 23:29
Total/NA	Analysis	D1946		1.421	8064	EM	Air Toxics	01/16/26 12:09

Client Sample ID: 8224-LFGP-7
Date Collected: 12/18/25 13:45
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-8
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.536	8060	AE	Air Toxics	01/17/26 00:41
Total/NA	Analysis	D1946		1.421	8064	EM	Air Toxics	01/16/26 12:33

Client Sample ID: 8224-LFGP-6
Date Collected: 12/18/25 13:49
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-9
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.773	8060	AE	Air Toxics	01/17/26 01:54
Total/NA	Analysis	D1946		1.392	8064	EM	Air Toxics	01/16/26 12:56

Client Sample ID: 8224-LFGP-9
Date Collected: 12/18/25 12:29
Date Received: 01/02/26 09:29

Lab Sample ID: 650-3356-10
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		2.317	8060	AE	Air Toxics	01/17/26 03:00
Total/NA	Analysis	D1946		1.483	8064	EM	Air Toxics	01/16/26 13:22

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: 650-3356-1
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: 650-3356-1
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: 650-3356-1
SDG: 65000581

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-3356-1	8224-LFGP-2	Air	12/18/25 11:14	01/02/26 09:29	Air Canister (6-Liter) #6L2458
650-3356-2	8224-LFGP-3	Air	12/18/25 10:59	01/02/26 09:29	Air Canister (6-Liter) #6L1722
650-3356-3	8224-LFGP-DUP	Air	12/18/25 10:59	01/02/26 09:29	Air Canister (6-Liter) #6L2924
650-3356-4	8224-LFGP-5	Air	12/18/25 11:28	01/02/26 09:29	Air Canister (6-Liter) #6L3004
650-3356-5	8224-LFGP-8	Air	12/18/25 12:02	01/02/26 09:29	Air Canister (6-Liter) #6L0381
650-3356-6	8224-LFGP-1	Air	12/18/25 13:08	01/02/26 09:29	Air Canister (6-Liter) #6L1714
650-3356-7	8224-LFGP-4	Air	12/18/25 13:23	01/02/26 09:29	Air Canister (6-Liter) #6L1762
650-3356-8	8224-LFGP-7	Air	12/18/25 13:45	01/02/26 09:29	Air Canister (6-Liter) #6L2017
650-3356-9	8224-LFGP-6	Air	12/18/25 13:49	01/02/26 09:29	Air Canister (6-Liter) #6L0294
650-3356-10	8224-LFGP-9	Air	12/18/25 12:29	01/02/26 09:29	Air Canister (6-Liter) #6L0221

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

650-3356 COC

Canister Samples Chain of Custody Record

eurofins | Environment Testing

1/24/2026

Client Contact Information	Client Project Manager: Whittaker, Brian	Samples Collected By: Brandon Cervantes	COC No: 650-2092-437.1650-2092-A
Company Name: S&ME Inc	Phone: 916-605-3355		Page ~~2 of 2~~ 1 of 1
Address: 3201 Spring Forest Road	Email: Brian.Whittaker@et.eurofinsus.com	State of origin: NC	
City/State/Zip: Raleigh NC, 27616			For Lab Use Only:
Phone: 919-872-2660	Site Contact: Jerry Paul	Samples received after 3:00PM PST are considered to be received on the following workday.	Walk-in Client:
Project Number: 65000581	Tel/Fax: 916-985-1000/		Lab Sampling:
Project Name: Durham Parks	Anaylsis Turnaround Time		Job / SDG No.:
Site/Location: Walltown Park	Standard (Specific): Standard		(See below for Add'l Items)
P O #: Purchase Order not required	Rush (Specifiy):		Sample Specific Notes (including duplicate tees, gauges, and other miscellaneous barcoded equipment used):

Lab ID	Sample Identification	Sample Start		Sample Finish		Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	D1946 - (MOD) CH4 only	TO15_STD - (MOD) TO-15 + Naph			Sample Type	IA=Indoor Air, AA=Ambient Air	SS=Sub-Slab, Soil Vapor Extraction (SVE)	Other (Please specify)
		Sample Date(s)	Time Start (24hr)	Sample Date(s)	Time Finish (24hr)												
01A	824-LFGP-2	12-18	1013	12-18	1114	27	7	23762	6L2458	X	X						
02A	824-LFGP-3		0959		1059	29	5	23796	6L1722								
03A	824-LFGP-DUP		0959		1059	29	5	24337	6L2924								
04A	824-LFGP-5		1030		1128	29	6	23129	6L3004								
05A	824-LFGP-8		1055		1202	28	8	26355	6L0381								
06A	824-LFGP-1		1206		1308	30	7	23977	6L1714								
07A	824-LFGP-4		1214		1323	30	8	-	6L1762								
08A	824-LFGP-7		1231		1345	30	5	23718	6L2017								
09A	824-LFGP-6		1239		1349	29	5	23257	6L0294								
10A	824-LFGP-9		1123		1229	28	6	23542	6L0221								

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Fedex	Date / Time:	Samples Received by:	
Samples Relinquished by:	Date / Time: 12/31	Received by:	1/2/24 0929
Relinquished by:	Date / Time:	Received by:	

Lab Use Only: Shipper Name: Fed Ex | Custody Seals Intact? Yes No None | Condition:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-3356-1
SDG Number: 65000581

Login Number: 3356
List Number: 1
Creator: Norton, Leon

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.	N/A	
All necessary tags have been attached to samples (DO NOT CLEAN, etc.)	N/A	
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.		
Verify Sample ID's aginst Chain of custody.	True	
Verify Sample labels against Canister asset ID.	True	
Email sent for Expiring samples.	N/A	
Notified Lab of quick TAT samples.	N/A	

EMSL Analytical, Inc.

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

EMSL Order ID: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD45841-01	824-LFGP-9	Air	12/18/2025	12/19/2025
AD45841-02	824-LFGP-8	Air	12/18/2025	12/19/2025
AD45841-03	824-LFGP-7	Air	12/18/2025	12/19/2025
AD45841-04	824-LFGP-6	Air	12/18/2025	12/19/2025
AD45841-05	824-LFGP-5	Air	12/18/2025	12/19/2025
AD45841-06	824-LFGP-4	Air	12/18/2025	12/19/2025
AD45841-07	824-LFGP-3	Air	12/18/2025	12/19/2025
AD45841-08	824-LFGP-2	Air	12/18/2025	12/19/2025
AD45841-09	824-LFGP-1	Air	12/18/2025	12/19/2025
AD45841-10	824-LFGP-DUP	Air	12/18/2025	12/19/2025

Owen McKenna Laboratory Manager or other approved signatory

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

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

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

EMSL Order ID: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

Attention: Brandon Governo
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3201 Spring Forest Road
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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:
N/A. Samples received in tedlar bags.

Initial Calibration:
All acceptance criteria were met.

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

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

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

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

Sample Duplicate:
All acceptance criteria were met.

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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

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-01
Customer Sample ID: 824-LFGP-9
Collected: 12/18/2025 15:05
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 14:47	BDL2333	R1708.D	824-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	12/19/25 14:47	
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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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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LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-02
Customer Sample ID: 824-LFGP-8
Collected: 12/18/2025 15:00
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 15:00	BDL2333	R1709.D	824-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	12/19/25 15:00	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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EMSL Order ID: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-03
Customer Sample ID: 824-LFGP-7

Collected: 12/18/2025 14:50
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 15:13	BDL2333	R1710.D	824-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	12/19/25 15:13	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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EMSL Analytical, Inc.

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EMSL-CIN-01

EMSL Order ID: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-04
Customer Sample ID: 824-LFGP-6

Collected: 12/18/2025 14:55
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 15:26	BDL2333	R1711.D	824-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	12/19/25 15:26	
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 Analytical, Inc.

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

EMSL Order ID: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

Attention: Brandon Governo
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brandongoverno@smeinc.com

Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-05
Customer Sample ID: 824-LFGP-5

Collected: 12/18/2025 15:12
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 15:40	BDL2333	R1712.D	824-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	12/19/25 15:40	
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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Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-06
Customer Sample ID: 824-LFGP-4

Collected: 12/18/2025 14:35
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 16:07	BDL2333	R1714.D	824-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	12/19/25 16:07	
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 Customer ID: SMEI60

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Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-07
Customer Sample ID: 824-LFGP-3

Collected: 12/18/2025 15:20
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 16:20	BDL2333	R1715.D	824-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	12/19/25 16:20	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

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LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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Project Name: Durham Parks - Walltown 2305630
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EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-08
Customer Sample ID: 824-LFGP-2

Collected: 12/18/2025 15:25
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 16:34	BDL2333	R1716.D	824-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	12/19/25 16:34	
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: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-09
Customer Sample ID: 824-LFGP-1

Collected: 12/18/2025 14:15
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 16:47	BDL2333	R1717.D	824-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	12/19/25 16:47	
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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Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012545841
LIMS Reference ID: AD45841
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

EMSL Sample ID: AD45841-10
Customer Sample ID: 824-LFGP-DUP
Collected: 12/18/2025 00:00
Received: 12/19/2025 12:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/19/25 16:59	BDL2333	R1718.D	824-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	12/19/25 16:59	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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Method Reference

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

Exposure Limit Definitions

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

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EMSL Order ID: 012545841
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EMSL Customer ID: SMEI60

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

Project Name: Durham Parks - Walltown 2305630
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/19/2025 12:30
Reported: 01/06/2026 14:25

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.
LABORATORY • PRODUCTS • TRAINING

EMSL Order Number / Lab Use Only: 452641

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
EMAIL: cs@emsl.com

RECEIVED
EMSL
CINNAMINSON, NJ
2025 DEC 19 P 12:30

Customer Information

Customer ID:	
Company Name:	S&ME, Inc. Raleigh, NC 27616
Contact Name:	Brandon Governo
Street Address:	3201 Spring Forest Road
City, State, Zip:	Raleigh NC 27616
Country:	US
Phone:	(919) 872-2660
Email(s) for Report:	brandongoverno@smeinc.com

Billing Information

Billing ID:	
Company Name:	S&ME, Inc. Raleigh, NC 27616
Billing Contact:	Brandon Governo
Street Address	3201 Spring Forest Road
City, State, Zip:	Raleigh NC 27616
Country:	US
Phone:	(919) 872-2660
Email(s) for Invoice:	

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
824-LFGP-9	☐	☒	12-18 1505	A		✓								Low level H_2S
824-LFGP-8	☐	☒	1500			✓								
824-LFGP-7	☐	☒	1450			✓								
824-LFGP-6	☐	☒	1455			✓								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)
Please use MDL of 14 $\mu g/m^3$

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

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

Relinquished by:	Date/Time: 12/18/25 1415	Received by: Kentrell T. FEx	Date/Time 12/19/25 12:30pm
Relinquished by: Kentrell T.	Date/Time: 12/19/25 12:30pm	Received by:	Date/Time 12/19/25 12:58

Page 15 of 16

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.

Page 1 of 2 10DT

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Order Number / Lab Use Only: 241584

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
EMAIL: cs@emsl.com

RECEIVED
EMSL
CINNAMINSON, NJ
2025 DEC 19 P 12:30

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: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
824-LFGP-5	☐	X	12/18 1512	A		X								Low Level
824-LFGP-4	☐	X	1435			X								H_2S
824-LFGP-3	☐	X	1520			X								
824-LFGP-2	☐	X	1525			X								
824-LFGP-1	☐	X	1415			X								
824-LFGP-DUP	☐	X				X								
	☐	☐												
	☐	☐												
	☐	☐												

Method of Shipment: FedEx

Relinquished by: [signature] Date/Time: 12/18/25 1415

Relinquished by: Date/Time:

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Received by: D.T. Date/Time 12/19/25

Received by: [signature] Date/Time 12/19/25 1125

☐ 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: 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

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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
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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

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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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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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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3201 Spring Forest Road
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jpaul@smeinc.com

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

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

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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 Order Number / Lab Use Only

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EMSL Analytical, Inc.
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Cinnaminson, NJ 08077

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

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
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

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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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Cinnaminson, NJ 08077

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

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
823-LFGP-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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/11/2025 7:40:00 AM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-39724-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

my EOL

Job Notes

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Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
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.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

General Chemistry

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

Glossary

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

Job Narrative
752-39724-1

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 12/2/2025 8:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 1.8°C.

GC/MS VOA
Method 8260D: One of three internal standard responses was outside of acceptance limits for the following sample: MW-1 (752-39724-1). The only analytes quantitated with this internal standard were and non-detect and the 4-Bromofluorobenzene surrogate, which was within acceptance limits. Therefore, the data has 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
Method 8270E_QQQ: The method blank for preparation batch 400-732632 and analytical batch 400-732750 contained 3 & 4 Methylphenol, Fluoranthene, Phenol and Pyrene above the method detection limit (MDL). These target analyte concentrations were 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.

Metals
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-5 (752-39724-5), MW-6 (752-39724-6) and MW-7 (752-39724-7). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-39724-1

Client Sample ID: MW-1 — Lab Sample ID: 752-39724-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.45		1.00	0.900	ug/L	1		8260D	Total/NA
Arsenic	1.53	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	56.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.23	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	27.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.954	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.61	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.03		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	1.03		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	23.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 752-39724-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	111		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.23	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	116		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.787	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.49	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	14.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.630		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.630		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	27.2		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 752-39724-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.33	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	74.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.01	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	6.08		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	1.55	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.02		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	1.02		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	23.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 752-39724-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	16.7		10.2	2.44	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: MW-4 (Continued) — Lab Sample ID: 752-39724-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.75	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	585		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.01	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	247		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.575	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Sulfate	20.4		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 752-39724-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.508	J	1.00	0.500	ug/L	1		8260D	Total/NA
Arsenic	2.74	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	118		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.70	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	703		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.39	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.54	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.176		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.176		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	64.0		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 752-39724-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.541	J	1.00	0.500	ug/L	1		8260D	Total/NA
Caprolactam	3.43	J	10.0	2.40	ug/L	1		8270E	Total/NA
Arsenic	2.25	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	214		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.30	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	515		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.877	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Sulfate	378		50.0	14.0	mg/L	10		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-39724-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	99.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.859	J	1.00	0.147	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-7 (Continued) — Lab Sample ID: 752-39724-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.875	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	125		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	28.5		5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.598		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.598		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	111	F1	25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 752-39724-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	204		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.881	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	479		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0700	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0700	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	11.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 752-39724-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.93	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	179		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.970	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	387		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.446	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.49	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0380	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0380	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	9.31		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 120125-Dup-1 — Lab Sample ID: 752-39724-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.07		1.00	0.900	ug/L	1		8260D	Total/NA
Barium	44.5		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.908	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	14.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.935	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.97	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.853		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 120125-Dup-1 (Continued)
Lab Sample ID: 752-39724-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.853		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	22.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-39724-11

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-39724-1

Client Sample ID: MW-1
Date Collected: 12/01/25 10:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 16:09	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 16:09	1
Bromobenzene	ND	*3	1.00	0.540	ug/L			12/08/25 16:09	1
Bromoform	ND	*3	5.00	0.250	ug/L			12/08/25 16:09	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 16:09	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 16:09	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 16:09	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 16:09	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 16:09	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 16:09	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 16:09	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 16:09	1
Chloroform	**1.45**		1.00	0.900	ug/L			12/08/25 16:09	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 16:09	1
2-Chlorotoluene	ND	*3	1.00	0.570	ug/L			12/08/25 16:09	1
4-Chlorotoluene	ND	*3	1.00	0.560	ug/L			12/08/25 16:09	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 16:09	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 16:09	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.00	1.50	ug/L			12/08/25 16:09	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 16:09	1
1,2-Dichlorobenzene	ND	*3	1.00	0.500	ug/L			12/08/25 16:09	1
1,3-Dichlorobenzene	ND	*3	1.00	0.540	ug/L			12/08/25 16:09	1
1,4-Dichlorobenzene	ND	*3	1.00	0.640	ug/L			12/08/25 16:09	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 16:09	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 16:09	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 16:09	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 16:09	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:09	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:09	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:09	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 16:09	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 16:09	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 16:09	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 16:09	1
Hexachlorobutadiene	ND	*3	5.00	0.900	ug/L			12/08/25 16:09	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 16:09	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 16:09	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 16:09	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 16:09	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 16:09	1
4-Isopropyltoluene	ND	*3	1.00	0.710	ug/L			12/08/25 16:09	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 16:09	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 16:09	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 16:09	1
Naphthalene	ND	*3	5.00	3.00	ug/L			12/08/25 16:09	1
n-Butylbenzene	ND	*3	1.00	0.760	ug/L			12/08/25 16:09	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 16:09	1
N-Propylbenzene	ND	*3	1.00	0.690	ug/L			12/08/25 16:09	1

Client Sample ID: MW-1
Date Collected: 12/01/25 10:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-1
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			12/08/25 16:09	1
sec-Butylbenzene	ND	*3	1.00	0.700	ug/L			12/08/25 16:09	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 16:09	1
tert-Butylbenzene	ND	*3	1.00	0.630	ug/L			12/08/25 16:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 16:09	1
1,1,2,2-Tetrachloroethane	ND	*3	1.00	0.500	ug/L			12/08/25 16:09	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 16:09	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 16:09	1
trans-1,4-Dichloro-2-butene	ND	*3	5.00	1.00	ug/L			12/08/25 16:09	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 16:09	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 16:09	1
1,2,3-Trichlorobenzene	ND	*3	1.00	0.900	ug/L			12/08/25 16:09	1
1,2,4-Trichlorobenzene	ND	*3	1.00	0.820	ug/L			12/08/25 16:09	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 16:09	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 16:09	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 16:09	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 16:09	1
1,2,3-Trichloropropane	ND	*3	5.00	0.840	ug/L			12/08/25 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 16:09	1
1,2,4-Trimethylbenzene	ND	*3	1.00	0.820	ug/L			12/08/25 16:09	1
1,3,5-Trimethylbenzene	ND	*3	1.00	0.560	ug/L			12/08/25 16:09	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 16:09	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 16:09	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*125*	*3	*56 - 136*		*12/08/25 16:09*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*12/08/25 16:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/08/25 16:09*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*12/08/25 16:09*	*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		0.277	0.277	ug/L		12/04/25 14:13	12/05/25 15:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*12/04/25 14:13*	*12/05/25 15:34*	*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		12/05/25 05:44	12/05/25 21:44	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/05/25 05:44	12/05/25 21:44	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/05/25 05:44	12/05/25 21:44	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/05/25 05:44	12/05/25 21:44	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/05/25 05:44	12/05/25 21:44	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/05/25 05:44	12/05/25 21:44	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/05/25 05:44	12/05/25 21:44	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/05/25 05:44	12/05/25 21:44	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/05/25 05:44	12/05/25 21:44	1
2-Chlorophenol	ND		10.2	0.854	ug/L		12/05/25 05:44	12/05/25 21:44	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/05/25 05:44	12/05/25 21:44	1

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

Job ID: 752-39724-1

Client Sample ID: MW-1
Date Collected: 12/01/25 10:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		12/05/25 05:44	12/05/25 21:44	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/05/25 05:44	12/05/25 21:44	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/05/25 05:44	12/05/25 21:44	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/05/25 05:44	12/05/25 21:44	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/05/25 05:44	12/05/25 21:44	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/05/25 05:44	12/05/25 21:44	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/05/25 05:44	12/05/25 21:44	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/05/25 05:44	12/05/25 21:44	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/05/25 05:44	12/05/25 21:44	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/05/25 05:44	12/05/25 21:44	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/05/25 05:44	12/05/25 21:44	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/05/25 05:44	12/05/25 21:44	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/05/25 05:44	12/05/25 21:44	1
Acenaphthene	ND		10.2	0.641	ug/L		12/05/25 05:44	12/05/25 21:44	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/05/25 05:44	12/05/25 21:44	1
Acetophenone	ND		10.2	3.25	ug/L		12/05/25 05:44	12/05/25 21:44	1
Anthracene	ND		10.2	0.925	ug/L		12/05/25 05:44	12/05/25 21:44	1
Atrazine	ND		10.2	1.15	ug/L		12/05/25 05:44	12/05/25 21:44	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/05/25 05:44	12/05/25 21:44	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/05/25 05:44	12/05/25 21:44	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/05/25 05:44	12/05/25 21:44	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/05/25 05:44	12/05/25 21:44	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/05/25 05:44	12/05/25 21:44	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/05/25 05:44	12/05/25 21:44	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/05/25 05:44	12/05/25 21:44	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/05/25 05:44	12/05/25 21:44	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/05/25 05:44	12/05/25 21:44	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 21:44	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 21:44	1
Caprolactam	ND		10.2	2.44	ug/L		12/05/25 05:44	12/05/25 21:44	1
Carbazole	ND		10.2	0.325	ug/L		12/05/25 05:44	12/05/25 21:44	1
Chrysene	ND		10.2	1.22	ug/L		12/05/25 05:44	12/05/25 21:44	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/05/25 05:44	12/05/25 21:44	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/05/25 05:44	12/05/25 21:44	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 21:44	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 21:44	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/05/25 05:44	12/05/25 21:44	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 21:44	1
Fluoranthene	ND		10.2	0.641	ug/L		12/05/25 05:44	12/05/25 21:44	1
Fluorene	ND		10.2	0.681	ug/L		12/05/25 05:44	12/05/25 21:44	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/05/25 05:44	12/05/25 21:44	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/05/25 05:44	12/05/25 21:44	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/05/25 05:44	12/05/25 21:44	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/05/25 05:44	12/05/25 21:44	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/05/25 05:44	12/05/25 21:44	1
Isophorone	ND		10.2	0.814	ug/L		12/05/25 05:44	12/05/25 21:44	1
Naphthalene	ND		10.2	0.763	ug/L		12/05/25 05:44	12/05/25 21:44	1
Nitrobenzene	ND		10.2	0.610	ug/L		12/05/25 05:44	12/05/25 21:44	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/05/25 05:44	12/05/25 21:44	1

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

Job ID: 752-39724-1

Client Sample ID: MW-1

Date Collected: 12/01/25 10:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-1

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		10.2	0.193	ug/L		12/05/25 05:44	12/05/25 21:44	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/05/25 05:44	12/05/25 21:44	1
Phenanthrene	ND		10.2	0.753	ug/L		12/05/25 05:44	12/05/25 21:44	1
Phenol	ND		10.2	0.692	ug/L		12/05/25 05:44	12/05/25 21:44	1
Pyrene	ND		10.2	0.641	ug/L		12/05/25 05:44	12/05/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*	*12/05/25 05:44*	*12/05/25 21:44*	*1*
2-Fluorobiphenyl (Surr)	*89*		*25 - 139*	*12/05/25 05:44*	*12/05/25 21:44*	*1*
2-Fluorophenol (Surr)	*104*		*10 - 150*	*12/05/25 05:44*	*12/05/25 21:44*	*1*
Nitrobenzene-d5 (Surr)	*97*		*22 - 150*	*12/05/25 05:44*	*12/05/25 21:44*	*1*
Phenol-d5 (Surr)	*114*		*10 - 150*	*12/05/25 05:44*	*12/05/25 21:44*	*1*
Terphenyl-d14 (Surr)	*72*		*28 - 150*	*12/05/25 05:44*	*12/05/25 21:44*	*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		12/04/25 07:48	12/05/25 23:42	1
Arsenic	**1.53**	**J**	5.00	1.32	ug/L		12/04/25 07:48	12/05/25 23:42	1
Barium	**56.0**		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 23:42	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 23:42	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 23:42	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 23:42	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 23:42	1
Copper	**1.23**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/05/25 23:42	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 23:42	1
Manganese	**27.8**		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 23:42	1
Nickel	**0.954**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/05/25 23:42	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 23:42	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 23:42	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 23:42	1
Vanadium	**3.61**	**J**	5.00	1.22	ug/L		12/04/25 07:48	12/05/25 23:42	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 23:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 20:07	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			12/08/25 11:04	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.03**		0.100	0.0100	mg/L			12/04/25 15:24	1
Nitrate as N (SM Nitrate by calc)	**1.03**		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**23.3**		5.00	1.40	mg/L			12/05/25 14:27	1

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

Job ID: 752-39724-1

Client Sample ID: MW-2
Date Collected: 12/01/25 11:45
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 16:34	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 16:34	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 16:34	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 16:34	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 16:34	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 16:34	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 16:34	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 16:34	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 16:34	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 16:34	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 16:34	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 16:34	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 16:34	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 16:34	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 16:34	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 16:34	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 16:34	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 16:34	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 16:34	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 16:34	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 16:34	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 16:34	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 16:34	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 16:34	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 16:34	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 16:34	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 16:34	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 16:34	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 16:34	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 16:34	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 16:34	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 16:34	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 16:34	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 16:34	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 16:34	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 16:34	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 16:34	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 16:34	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 16:34	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 16:34	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 16:34	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 16:34	1

Client Sample ID: MW-2
Date Collected: 12/01/25 11:45
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/08/25 16:34	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 16:34	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 16:34	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 16:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 16:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 16:34	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 16:34	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 16:34	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 16:34	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 16:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 16:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 16:34	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 16:34	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 16:34	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 16:34	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 16:34	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 16:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 16:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 16:34	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 16:34	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 16:34	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*123*		*56 - 136*		*12/08/25 16:34*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*12/08/25 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*59 - 146*		*12/08/25 16:34*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*12/08/25 16:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/04/25 14:13	12/05/25 15:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*12/04/25 14:13*	*12/05/25 15:56*	*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	0.430	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/05/25 05:44	12/05/25 22:17	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/05/25 05:44	12/05/25 22:17	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/05/25 05:44	12/05/25 22:17	1
2-Chlorophenol	ND		10.2	0.860	ug/L		12/05/25 05:44	12/05/25 22:17	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/05/25 05:44	12/05/25 22:17	1

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

Job ID: 752-39724-1

Client Sample ID: MW-2
Date Collected: 12/01/25 11:45
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-2
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		10.2	0.778	ug/L		12/05/25 05:44	12/05/25 22:17	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/05/25 05:44	12/05/25 22:17	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/05/25 05:44	12/05/25 22:17	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/05/25 05:44	12/05/25 22:17	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/05/25 05:44	12/05/25 22:17	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/05/25 05:44	12/05/25 22:17	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/05/25 05:44	12/05/25 22:17	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/05/25 05:44	12/05/25 22:17	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/05/25 05:44	12/05/25 22:17	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/05/25 05:44	12/05/25 22:17	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/05/25 05:44	12/05/25 22:17	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/05/25 05:44	12/05/25 22:17	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/05/25 05:44	12/05/25 22:17	1
Acenaphthene	ND		10.2	0.645	ug/L		12/05/25 05:44	12/05/25 22:17	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/05/25 05:44	12/05/25 22:17	1
Acetophenone	ND		10.2	3.28	ug/L		12/05/25 05:44	12/05/25 22:17	1
Anthracene	ND		10.2	0.932	ug/L		12/05/25 05:44	12/05/25 22:17	1
Atrazine	ND		10.2	1.16	ug/L		12/05/25 05:44	12/05/25 22:17	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/05/25 05:44	12/05/25 22:17	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/05/25 05:44	12/05/25 22:17	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/05/25 05:44	12/05/25 22:17	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/05/25 05:44	12/05/25 22:17	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/05/25 05:44	12/05/25 22:17	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/05/25 05:44	12/05/25 22:17	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/05/25 05:44	12/05/25 22:17	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/05/25 05:44	12/05/25 22:17	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		12/05/25 05:44	12/05/25 22:17	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/05/25 05:44	12/05/25 22:17	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/05/25 05:44	12/05/25 22:17	1
Caprolactam	ND		10.2	2.46	ug/L		12/05/25 05:44	12/05/25 22:17	1
Carbazole	ND		10.2	0.328	ug/L		12/05/25 05:44	12/05/25 22:17	1
Chrysene	ND		10.2	1.23	ug/L		12/05/25 05:44	12/05/25 22:17	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/05/25 05:44	12/05/25 22:17	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/05/25 05:44	12/05/25 22:17	1
Diethyl phthalate	ND		10.2	4.10	ug/L		12/05/25 05:44	12/05/25 22:17	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/05/25 05:44	12/05/25 22:17	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/05/25 05:44	12/05/25 22:17	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/05/25 05:44	12/05/25 22:17	1
Fluoranthene	ND		10.2	0.645	ug/L		12/05/25 05:44	12/05/25 22:17	1
Fluorene	ND		10.2	0.686	ug/L		12/05/25 05:44	12/05/25 22:17	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/05/25 05:44	12/05/25 22:17	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/05/25 05:44	12/05/25 22:17	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/05/25 05:44	12/05/25 22:17	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/05/25 05:44	12/05/25 22:17	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/05/25 05:44	12/05/25 22:17	1
Isophorone	ND		10.2	0.819	ug/L		12/05/25 05:44	12/05/25 22:17	1
Naphthalene	ND		10.2	0.768	ug/L		12/05/25 05:44	12/05/25 22:17	1
Nitrobenzene	ND		10.2	0.614	ug/L		12/05/25 05:44	12/05/25 22:17	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/05/25 05:44	12/05/25 22:17	1

Client Sample ID: MW-2
Date Collected: 12/01/25 11:45
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/05/25 05:44	12/05/25 22:17	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/05/25 05:44	12/05/25 22:17	1
Phenanthrene	ND		10.2	0.758	ug/L		12/05/25 05:44	12/05/25 22:17	1
Phenol	ND		10.2	0.696	ug/L		12/05/25 05:44	12/05/25 22:17	1
Pyrene	ND		10.2	0.645	ug/L		12/05/25 05:44	12/05/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*10 - 150*	*12/05/25 05:44*	*12/05/25 22:17*	*1*
2-Fluorobiphenyl (Surr)	*90*		*25 - 139*	*12/05/25 05:44*	*12/05/25 22:17*	*1*
2-Fluorophenol (Surr)	*113*		*10 - 150*	*12/05/25 05:44*	*12/05/25 22:17*	*1*
Nitrobenzene-d5 (Surr)	*102*		*22 - 150*	*12/05/25 05:44*	*12/05/25 22:17*	*1*
Phenol-d5 (Surr)	*122*		*10 - 150*	*12/05/25 05:44*	*12/05/25 22:17*	*1*
Terphenyl-d14 (Surr)	*69*		*28 - 150*	*12/05/25 05:44*	*12/05/25 22:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/04/25 07:48	12/05/25 23:45	1
Arsenic	ND		5.00	1.32	ug/L		12/04/25 07:48	12/05/25 23:45	1
Barium	**111**		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 23:45	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 23:45	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 23:45	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 23:45	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 23:45	1
Copper	**1.23**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/05/25 23:45	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 23:45	1
Manganese	**116**		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 23:45	1
Nickel	**0.787**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/05/25 23:45	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 23:45	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 23:45	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 23:45	1
Vanadium	**2.49**	**J**	5.00	1.22	ug/L		12/04/25 07:48	12/05/25 23:45	1
Zinc	**14.1**		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 23:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 20:19	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			12/08/25 10:46	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.630**		0.100	0.0100	mg/L			12/04/25 15:22	1
Nitrate as N (SM Nitrate by calc)	**0.630**		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**27.2**		5.00	1.40	mg/L			12/05/25 14:27	1

Client: S&ME Inc
Job ID: 752-39724-1
Project/Site: Walltown Park

Client Sample ID: MW-3
Lab Sample ID: 752-39724-3
Date Collected: 12/01/25 12:25
Matrix: Water
Date Received: 12/02/25 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 16:59	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 16:59	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 16:59	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 16:59	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 16:59	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 16:59	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 16:59	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 16:59	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 16:59	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 16:59	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 16:59	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 16:59	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 16:59	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 16:59	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 16:59	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 16:59	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 16:59	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 16:59	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 16:59	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 16:59	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 16:59	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 16:59	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 16:59	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 16:59	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 16:59	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 16:59	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 16:59	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 16:59	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 16:59	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 16:59	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 16:59	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 16:59	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 16:59	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 16:59	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 16:59	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 16:59	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 16:59	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 16:59	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 16:59	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 16:59	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 16:59	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 16:59	1

Client Sample ID: MW-3
Date Collected: 12/01/25 12:25
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-3
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			12/08/25 16:59	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 16:59	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 16:59	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 16:59	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 16:59	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 16:59	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 16:59	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 16:59	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 16:59	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 16:59	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 16:59	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 16:59	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 16:59	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 16:59	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 16:59	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 16:59	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 16:59	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 16:59	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 16:59	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 16:59	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 16:59	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*121*		*56 - 136*		*12/08/25 16:59*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/08/25 16:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*59 - 146*		*12/08/25 16:59*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*12/08/25 16:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/04/25 14:13	12/05/25 16:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*10 - 140*	*12/04/25 14:13*	*12/05/25 16:17*	*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		10.0	0.421	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		12/05/25 05:44	12/05/25 22:50	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		12/05/25 05:44	12/05/25 22:50	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		12/05/25 05:44	12/05/25 22:50	1
2-Chlorophenol	ND		10.0	0.843	ug/L		12/05/25 05:44	12/05/25 22:50	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		12/05/25 05:44	12/05/25 22:50	1

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

Job ID: 752-39724-1

Client Sample ID: MW-3
Date Collected: 12/01/25 12:25
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-3
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		12/05/25 05:44	12/05/25 22:50	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/05/25 05:44	12/05/25 22:50	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/05/25 05:44	12/05/25 22:50	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		12/05/25 05:44	12/05/25 22:50	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		12/05/25 05:44	12/05/25 22:50	1
3-Nitroaniline	ND		10.0	0.953	ug/L		12/05/25 05:44	12/05/25 22:50	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		12/05/25 05:44	12/05/25 22:50	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/05/25 05:44	12/05/25 22:50	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		12/05/25 05:44	12/05/25 22:50	1
4-Chloroaniline	ND		10.0	0.582	ug/L		12/05/25 05:44	12/05/25 22:50	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		12/05/25 05:44	12/05/25 22:50	1
4-Nitroaniline	ND		10.0	3.51	ug/L		12/05/25 05:44	12/05/25 22:50	1
4-Nitrophenol	ND		10.0	2.75	ug/L		12/05/25 05:44	12/05/25 22:50	1
Acenaphthene	ND		10.0	0.632	ug/L		12/05/25 05:44	12/05/25 22:50	1
Acenaphthylene	ND		10.0	0.763	ug/L		12/05/25 05:44	12/05/25 22:50	1
Acetophenone	ND		10.0	3.21	ug/L		12/05/25 05:44	12/05/25 22:50	1
Anthracene	ND		10.0	0.913	ug/L		12/05/25 05:44	12/05/25 22:50	1
Atrazine	ND		10.0	1.13	ug/L		12/05/25 05:44	12/05/25 22:50	1
Benzaldehyde	ND		10.0	0.672	ug/L		12/05/25 05:44	12/05/25 22:50	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/05/25 05:44	12/05/25 22:50	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/05/25 05:44	12/05/25 22:50	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/05/25 05:44	12/05/25 22:50	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		12/05/25 05:44	12/05/25 22:50	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		12/05/25 05:44	12/05/25 22:50	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		12/05/25 05:44	12/05/25 22:50	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		12/05/25 05:44	12/05/25 22:50	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		12/05/25 05:44	12/05/25 22:50	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		12/05/25 05:44	12/05/25 22:50	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		12/05/25 05:44	12/05/25 22:50	1
Caprolactam	ND		10.0	2.41	ug/L		12/05/25 05:44	12/05/25 22:50	1
Carbazole	ND		10.0	0.321	ug/L		12/05/25 05:44	12/05/25 22:50	1
Chrysene	ND		10.0	1.20	ug/L		12/05/25 05:44	12/05/25 22:50	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/05/25 05:44	12/05/25 22:50	1
Dibenzofuran	ND		10.0	0.642	ug/L		12/05/25 05:44	12/05/25 22:50	1
Diethyl phthalate	ND		10.0	4.01	ug/L		12/05/25 05:44	12/05/25 22:50	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		12/05/25 05:44	12/05/25 22:50	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		12/05/25 05:44	12/05/25 22:50	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		12/05/25 05:44	12/05/25 22:50	1
Fluoranthene	ND		10.0	0.632	ug/L		12/05/25 05:44	12/05/25 22:50	1
Fluorene	ND		10.0	0.672	ug/L		12/05/25 05:44	12/05/25 22:50	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		12/05/25 05:44	12/05/25 22:50	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		12/05/25 05:44	12/05/25 22:50	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		12/05/25 05:44	12/05/25 22:50	1
Hexachloroethane	ND		10.0	0.532	ug/L		12/05/25 05:44	12/05/25 22:50	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/05/25 05:44	12/05/25 22:50	1
Isophorone	ND		10.0	0.803	ug/L		12/05/25 05:44	12/05/25 22:50	1
Naphthalene	ND		10.0	0.753	ug/L		12/05/25 05:44	12/05/25 22:50	1
Nitrobenzene	ND		10.0	0.602	ug/L		12/05/25 05:44	12/05/25 22:50	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		12/05/25 05:44	12/05/25 22:50	1

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

Job ID: 752-39724-1

Client Sample ID: MW-3

Date Collected: 12/01/25 12:25
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-3

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		12/05/25 05:44	12/05/25 22:50	1
Pentachlorophenol	ND		10.0	2.81	ug/L		12/05/25 05:44	12/05/25 22:50	1
Phenanthrene	ND		10.0	0.742	ug/L		12/05/25 05:44	12/05/25 22:50	1
Phenol	ND		10.0	0.682	ug/L		12/05/25 05:44	12/05/25 22:50	1
Pyrene	ND		10.0	0.632	ug/L		12/05/25 05:44	12/05/25 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*10 - 150*	*12/05/25 05:44*	*12/05/25 22:50*	*1*
2-Fluorobiphenyl (Surr)	*94*		*25 - 139*	*12/05/25 05:44*	*12/05/25 22:50*	*1*
2-Fluorophenol (Surr)	*108*		*10 - 150*	*12/05/25 05:44*	*12/05/25 22:50*	*1*
Nitrobenzene-d5 (Surr)	*101*		*22 - 150*	*12/05/25 05:44*	*12/05/25 22:50*	*1*
Phenol-d5 (Surr)	*115*		*10 - 150*	*12/05/25 05:44*	*12/05/25 22:50*	*1*
Terphenyl-d14 (Surr)	*78*		*28 - 150*	*12/05/25 05:44*	*12/05/25 22:50*	*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		12/04/25 07:48	12/05/25 23:48	1
Arsenic	**1.33**	**J**	5.00	1.32	ug/L		12/04/25 07:48	12/05/25 23:48	1
Barium	**74.0**		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 23:48	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 23:48	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 23:48	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 23:48	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 23:48	1
Copper	**1.01**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/05/25 23:48	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 23:48	1
Manganese	**6.08**		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 23:48	1
Nickel	ND		5.00	0.422	ug/L		12/04/25 07:48	12/05/25 23:48	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 23:48	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 23:48	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 23:48	1
Vanadium	**1.55**	**J**	5.00	1.22	ug/L		12/04/25 07:48	12/05/25 23:48	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 23:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 20:23	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			12/08/25 10:54	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.02**		0.100	0.0100	mg/L			12/04/25 15:20	1
Nitrate as N (SM Nitrate by calc)	**1.02**		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**23.8**		5.00	1.40	mg/L			12/05/25 14:28	1

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

Job ID: 752-39724-1

Client Sample ID: MW-4
Date Collected: 12/01/25 13:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-4
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			12/08/25 17:24	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 17:24	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 17:24	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 17:24	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 17:24	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 17:24	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 17:24	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 17:24	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 17:24	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 17:24	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 17:24	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 17:24	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 17:24	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 17:24	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 17:24	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 17:24	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 17:24	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 17:24	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 17:24	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 17:24	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 17:24	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 17:24	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 17:24	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 17:24	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 17:24	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 17:24	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 17:24	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 17:24	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 17:24	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 17:24	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 17:24	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 17:24	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 17:24	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 17:24	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 17:24	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 17:24	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 17:24	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 17:24	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 17:24	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 17:24	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 17:24	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 17:24	1

Client Sample ID: MW-4
Date Collected: 12/01/25 13:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-4
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			12/08/25 17:24	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 17:24	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 17:24	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 17:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 17:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 17:24	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 17:24	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 17:24	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 17:24	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 17:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 17:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 17:24	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 17:24	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 17:24	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 17:24	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 17:24	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 17:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 17:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 17:24	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 17:24	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 17:24	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*120*		*56 - 136*		*12/08/25 17:24*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*12/08/25 17:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*12/08/25 17:24*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*12/08/25 17:24*	*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		0.278	0.278	ug/L		12/04/25 14:13	12/05/25 16:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*21*		*10 - 140*	*12/04/25 14:13*	*12/05/25 16:38*	*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		10.2	0.427	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/05/25 05:44	12/05/25 23:22	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/05/25 05:44	12/05/25 23:22	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/05/25 05:44	12/05/25 23:22	1
2-Chlorophenol	ND		10.2	0.854	ug/L		12/05/25 05:44	12/05/25 23:22	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/05/25 05:44	12/05/25 23:22	1

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

Job ID: 752-39724-1

Client Sample ID: MW-4
Date Collected: 12/01/25 13:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		12/05/25 05:44	12/05/25 23:22	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/05/25 05:44	12/05/25 23:22	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/05/25 05:44	12/05/25 23:22	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/05/25 05:44	12/05/25 23:22	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/05/25 05:44	12/05/25 23:22	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/05/25 05:44	12/05/25 23:22	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/05/25 05:44	12/05/25 23:22	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/05/25 05:44	12/05/25 23:22	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/05/25 05:44	12/05/25 23:22	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/05/25 05:44	12/05/25 23:22	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/05/25 05:44	12/05/25 23:22	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/05/25 05:44	12/05/25 23:22	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/05/25 05:44	12/05/25 23:22	1
Acenaphthene	ND		10.2	0.641	ug/L		12/05/25 05:44	12/05/25 23:22	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/05/25 05:44	12/05/25 23:22	1
Acetophenone	ND		10.2	3.25	ug/L		12/05/25 05:44	12/05/25 23:22	1
Anthracene	ND		10.2	0.925	ug/L		12/05/25 05:44	12/05/25 23:22	1
Atrazine	ND		10.2	1.15	ug/L		12/05/25 05:44	12/05/25 23:22	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/05/25 05:44	12/05/25 23:22	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/05/25 05:44	12/05/25 23:22	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/05/25 05:44	12/05/25 23:22	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/05/25 05:44	12/05/25 23:22	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/05/25 05:44	12/05/25 23:22	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/05/25 05:44	12/05/25 23:22	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/05/25 05:44	12/05/25 23:22	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/05/25 05:44	12/05/25 23:22	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/05/25 05:44	12/05/25 23:22	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 23:22	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 23:22	1
Caprolactam	**16.7**		10.2	2.44	ug/L		12/05/25 05:44	12/05/25 23:22	1
Carbazole	ND		10.2	0.325	ug/L		12/05/25 05:44	12/05/25 23:22	1
Chrysene	ND		10.2	1.22	ug/L		12/05/25 05:44	12/05/25 23:22	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/05/25 05:44	12/05/25 23:22	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/05/25 05:44	12/05/25 23:22	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 23:22	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 23:22	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/05/25 05:44	12/05/25 23:22	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/05/25 05:44	12/05/25 23:22	1
Fluoranthene	ND		10.2	0.641	ug/L		12/05/25 05:44	12/05/25 23:22	1
Fluorene	ND		10.2	0.681	ug/L		12/05/25 05:44	12/05/25 23:22	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/05/25 05:44	12/05/25 23:22	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/05/25 05:44	12/05/25 23:22	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/05/25 05:44	12/05/25 23:22	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/05/25 05:44	12/05/25 23:22	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/05/25 05:44	12/05/25 23:22	1
Isophorone	ND		10.2	0.814	ug/L		12/05/25 05:44	12/05/25 23:22	1
Naphthalene	ND		10.2	0.763	ug/L		12/05/25 05:44	12/05/25 23:22	1
Nitrobenzene	ND		10.2	0.610	ug/L		12/05/25 05:44	12/05/25 23:22	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/05/25 05:44	12/05/25 23:22	1

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

Job ID: 752-39724-1

Client Sample ID: MW-4

Date Collected: 12/01/25 13:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-4

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		10.2	0.193	ug/L		12/05/25 05:44	12/05/25 23:22	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/05/25 05:44	12/05/25 23:22	1
Phenanthrene	ND		10.2	0.753	ug/L		12/05/25 05:44	12/05/25 23:22	1
Phenol	ND		10.2	0.692	ug/L		12/05/25 05:44	12/05/25 23:22	1
Pyrene	ND		10.2	0.641	ug/L		12/05/25 05:44	12/05/25 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 150*	*12/05/25 05:44*	*12/05/25 23:22*	*1*
2-Fluorobiphenyl (Surr)	*92*		*25 - 139*	*12/05/25 05:44*	*12/05/25 23:22*	*1*
2-Fluorophenol (Surr)	*110*		*10 - 150*	*12/05/25 05:44*	*12/05/25 23:22*	*1*
Nitrobenzene-d5 (Surr)	*103*		*22 - 150*	*12/05/25 05:44*	*12/05/25 23:22*	*1*
Phenol-d5 (Surr)	*119*		*10 - 150*	*12/05/25 05:44*	*12/05/25 23:22*	*1*
Terphenyl-d14 (Surr)	*70*		*28 - 150*	*12/05/25 05:44*	*12/05/25 23:22*	*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		12/04/25 07:48	12/05/25 23:50	1
Arsenic	**1.75**	**J**	5.00	1.32	ug/L		12/04/25 07:48	12/05/25 23:50	1
Barium	**585**		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 23:50	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 23:50	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 23:50	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 23:50	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 23:50	1
Copper	**1.01**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/05/25 23:50	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 23:50	1
Manganese	**247**		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 23:50	1
Nickel	**0.575**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/05/25 23:50	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 23:50	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 23:50	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 23:50	1
Vanadium	ND		5.00	1.22	ug/L		12/04/25 07:48	12/05/25 23:50	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 23:50	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		12/08/25 16:28	12/08/25 20:27	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			12/08/25 10:56	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/04/25 15:18	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**20.4**		5.00	1.40	mg/L			12/05/25 14:28	1

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

Job ID: 752-39724-1

Client Sample ID: MW-5
Date Collected: 12/01/25 13:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 17:49	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 17:49	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 17:49	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 17:49	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 17:49	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 17:49	1
Carbon disulfide	**0.508**	**J**	1.00	0.500	ug/L			12/08/25 17:49	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 17:49	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 17:49	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 17:49	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 17:49	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 17:49	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 17:49	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 17:49	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 17:49	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 17:49	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 17:49	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 17:49	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 17:49	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 17:49	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 17:49	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 17:49	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 17:49	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 17:49	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 17:49	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 17:49	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 17:49	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 17:49	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 17:49	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 17:49	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 17:49	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 17:49	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 17:49	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 17:49	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 17:49	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 17:49	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 17:49	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 17:49	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 17:49	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 17:49	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 17:49	1

Client Sample ID: MW-5
Date Collected: 12/01/25 13:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-5
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			12/08/25 17:49	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 17:49	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 17:49	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 17:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 17:49	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 17:49	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 17:49	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 17:49	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 17:49	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 17:49	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 17:49	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 17:49	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 17:49	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 17:49	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 17:49	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 17:49	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 17:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 17:49	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 17:49	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 17:49	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 17:49	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 17:49	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*118*		*56 - 136*		*12/08/25 17:49*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/08/25 17:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*59 - 146*		*12/08/25 17:49*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*12/08/25 17:49*	*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		0.279	0.279	ug/L		12/04/25 14:13	12/05/25 16:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*21*		*10 - 140*	*12/04/25 14:13*	*12/05/25 16:59*	*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	0.433	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,4,5-Trichlorophenol	ND		10.3	0.557	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,4-Dichlorophenol	ND		10.3	0.588	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,4-Dinitrophenol	ND		30.9	4.82	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,4-Dinitrotoluene	ND		10.3	0.670	ug/L		12/05/25 05:44	12/05/25 23:55	1
2,6-Dinitrotoluene	ND		10.3	0.299	ug/L		12/05/25 05:44	12/05/25 23:55	1
2-Chloronaphthalene	ND		10.3	0.392	ug/L		12/05/25 05:44	12/05/25 23:55	1
2-Chlorophenol	ND		10.3	0.866	ug/L		12/05/25 05:44	12/05/25 23:55	1
2-Methylnaphthalene	ND		10.3	0.835	ug/L		12/05/25 05:44	12/05/25 23:55	1

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

Job ID: 752-39724-1

Client Sample ID: MW-5
Date Collected: 12/01/25 13:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.3	0.784	ug/L		12/05/25 05:44	12/05/25 23:55	1
2-Nitroaniline	ND		10.3	1.41	ug/L		12/05/25 05:44	12/05/25 23:55	1
2-Nitrophenol	ND		10.3	1.21	ug/L		12/05/25 05:44	12/05/25 23:55	1
3 & 4 Methylphenol	ND		20.6	4.74	ug/L		12/05/25 05:44	12/05/25 23:55	1
3,3'-Dichlorobenzidine	ND		11.3	0.423	ug/L		12/05/25 05:44	12/05/25 23:55	1
3-Nitroaniline	ND		10.3	0.979	ug/L		12/05/25 05:44	12/05/25 23:55	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.03	ug/L		12/05/25 05:44	12/05/25 23:55	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		12/05/25 05:44	12/05/25 23:55	1
4-Chloro-3-methylphenol	ND		10.3	0.753	ug/L		12/05/25 05:44	12/05/25 23:55	1
4-Chloroaniline	ND		10.3	0.598	ug/L		12/05/25 05:44	12/05/25 23:55	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		12/05/25 05:44	12/05/25 23:55	1
4-Nitroaniline	ND		10.3	3.61	ug/L		12/05/25 05:44	12/05/25 23:55	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/05/25 05:44	12/05/25 23:55	1
Acenaphthene	ND		10.3	0.649	ug/L		12/05/25 05:44	12/05/25 23:55	1
Acenaphthylene	ND		10.3	0.784	ug/L		12/05/25 05:44	12/05/25 23:55	1
Acetophenone	ND		10.3	3.30	ug/L		12/05/25 05:44	12/05/25 23:55	1
Anthracene	ND		10.3	0.938	ug/L		12/05/25 05:44	12/05/25 23:55	1
Atrazine	ND		10.3	1.16	ug/L		12/05/25 05:44	12/05/25 23:55	1
Benzaldehyde	ND		10.3	0.691	ug/L		12/05/25 05:44	12/05/25 23:55	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/05/25 05:44	12/05/25 23:55	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/05/25 05:44	12/05/25 23:55	1
Benzo[b]fluoranthene	ND		10.3	1.24	ug/L		12/05/25 05:44	12/05/25 23:55	1
Benzo[g,h,i]perylene	ND		10.3	1.55	ug/L		12/05/25 05:44	12/05/25 23:55	1
Benzo[k]fluoranthene	ND		10.3	1.55	ug/L		12/05/25 05:44	12/05/25 23:55	1
bis (2-chloroisopropyl) ether	ND		10.3	0.959	ug/L		12/05/25 05:44	12/05/25 23:55	1
Bis(2-chloroethoxy)methane	ND		10.3	0.351	ug/L		12/05/25 05:44	12/05/25 23:55	1
Bis(2-chloroethyl)ether	ND		10.3	0.753	ug/L		12/05/25 05:44	12/05/25 23:55	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.12	ug/L		12/05/25 05:44	12/05/25 23:55	1
Butyl benzyl phthalate	ND		10.3	4.12	ug/L		12/05/25 05:44	12/05/25 23:55	1
Caprolactam	ND		10.3	2.47	ug/L		12/05/25 05:44	12/05/25 23:55	1
Carbazole	ND		10.3	0.330	ug/L		12/05/25 05:44	12/05/25 23:55	1
Chrysene	ND		10.3	1.24	ug/L		12/05/25 05:44	12/05/25 23:55	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/05/25 05:44	12/05/25 23:55	1
Dibenzofuran	ND		10.3	0.660	ug/L		12/05/25 05:44	12/05/25 23:55	1
Diethyl phthalate	ND		10.3	4.12	ug/L		12/05/25 05:44	12/05/25 23:55	1
Dimethyl phthalate	ND		10.3	4.12	ug/L		12/05/25 05:44	12/05/25 23:55	1
Di-n-butyl phthalate	ND		10.3	8.44	ug/L		12/05/25 05:44	12/05/25 23:55	1
Di-n-octyl phthalate	ND		10.3	4.12	ug/L		12/05/25 05:44	12/05/25 23:55	1
Fluoranthene	ND		10.3	0.649	ug/L		12/05/25 05:44	12/05/25 23:55	1
Fluorene	ND		10.3	0.691	ug/L		12/05/25 05:44	12/05/25 23:55	1
Hexachlorobenzene	ND		10.3	0.258	ug/L		12/05/25 05:44	12/05/25 23:55	1
Hexachlorobutadiene	ND		10.3	0.567	ug/L		12/05/25 05:44	12/05/25 23:55	1
Hexachlorocyclopentadiene	ND		20.6	0.330	ug/L		12/05/25 05:44	12/05/25 23:55	1
Hexachloroethane	ND		10.3	0.546	ug/L		12/05/25 05:44	12/05/25 23:55	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/05/25 05:44	12/05/25 23:55	1
Isophorone	ND		10.3	0.825	ug/L		12/05/25 05:44	12/05/25 23:55	1
Naphthalene	ND		10.3	0.773	ug/L		12/05/25 05:44	12/05/25 23:55	1
Nitrobenzene	ND		10.3	0.619	ug/L		12/05/25 05:44	12/05/25 23:55	1
N-Nitrosodi-n-propylamine	ND		10.3	0.340	ug/L		12/05/25 05:44	12/05/25 23:55	1

Client Sample ID: MW-5
Date Collected: 12/01/25 13:55
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-5
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		10.3	0.196	ug/L		12/05/25 05:44	12/05/25 23:55	1
Pentachlorophenol	ND		10.3	2.89	ug/L		12/05/25 05:44	12/05/25 23:55	1
Phenanthrene	ND		10.3	0.763	ug/L		12/05/25 05:44	12/05/25 23:55	1
Phenol	ND		10.3	0.701	ug/L		12/05/25 05:44	12/05/25 23:55	1
Pyrene	ND		10.3	0.649	ug/L		12/05/25 05:44	12/05/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*12/05/25 05:44*	*12/05/25 23:55*	*1*
2-Fluorobiphenyl (Surr)	*89*		*25 - 139*	*12/05/25 05:44*	*12/05/25 23:55*	*1*
2-Fluorophenol (Surr)	*100*		*10 - 150*	*12/05/25 05:44*	*12/05/25 23:55*	*1*
Nitrobenzene-d5 (Surr)	*96*		*22 - 150*	*12/05/25 05:44*	*12/05/25 23:55*	*1*
Phenol-d5 (Surr)	*112*		*10 - 150*	*12/05/25 05:44*	*12/05/25 23:55*	*1*
Terphenyl-d14 (Surr)	*68*		*28 - 150*	*12/05/25 05:44*	*12/05/25 23:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/04/25 07:48	12/05/25 23:53	1
Arsenic	**2.74**	**J**	5.00	1.32	ug/L		12/04/25 07:48	12/05/25 23:53	1
Barium	**118**		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 23:53	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 23:53	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 23:53	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 23:53	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 23:53	1
Copper	**1.70**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/05/25 23:53	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 23:53	1
Manganese	**703**		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 23:53	1
Nickel	**1.39**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/05/25 23:53	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 23:53	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 23:53	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 23:53	1
Vanadium	**1.54**	**J**	5.00	1.22	ug/L		12/04/25 07:48	12/05/25 23:53	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 23:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 20:31	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			12/08/25 10:59	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.176**		0.100	0.0100	mg/L			12/04/25 15:16	1
Nitrate as N (SM Nitrate by calc)	**0.176**		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**64.0**		10.0	2.80	mg/L			12/05/25 14:47	2

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

Job ID: 752-39724-1

Client Sample ID: MW-6
Date Collected: 12/01/25 14:35
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 18:14	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 18:14	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 18:14	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 18:14	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 18:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 18:14	1
Carbon disulfide	**0.541**	**J**	1.00	0.500	ug/L			12/08/25 18:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 18:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 18:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 18:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 18:14	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 18:14	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 18:14	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 18:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 18:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 18:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 18:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 18:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 18:14	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 18:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 18:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 18:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 18:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 18:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 18:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 18:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 18:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 18:14	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 18:14	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 18:14	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 18:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 18:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 18:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 18:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 18:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 18:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 18:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 18:14	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 18:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 18:14	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 18:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 18:14	1

Client Sample ID: MW-6
Date Collected: 12/01/25 14:35
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-6
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			12/08/25 18:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 18:14	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 18:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 18:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 18:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 18:14	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 18:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 18:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 18:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 18:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 18:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 18:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 18:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 18:14	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 18:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 18:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 18:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 18:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 18:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 18:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 18:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*117*		*56 - 136*		*12/08/25 18:14*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/08/25 18:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*59 - 146*		*12/08/25 18:14*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*12/08/25 18:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.297	0.297	ug/L		12/04/25 14:13	12/05/25 17:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*10 - 140*	*12/04/25 14:13*	*12/05/25 17:21*	*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		10.0	0.420	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/05/25 05:44	12/06/25 00:27	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/05/25 05:44	12/06/25 00:27	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/05/25 05:44	12/06/25 00:27	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/05/25 05:44	12/06/25 00:27	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/05/25 05:44	12/06/25 00:27	1

Client Sample ID: MW-6
Date Collected: 12/01/25 14:35
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		12/05/25 05:44	12/06/25 00:27	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/05/25 05:44	12/06/25 00:27	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/05/25 05:44	12/06/25 00:27	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/05/25 05:44	12/06/25 00:27	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/05/25 05:44	12/06/25 00:27	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/05/25 05:44	12/06/25 00:27	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/05/25 05:44	12/06/25 00:27	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/05/25 05:44	12/06/25 00:27	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/05/25 05:44	12/06/25 00:27	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/05/25 05:44	12/06/25 00:27	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/05/25 05:44	12/06/25 00:27	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/05/25 05:44	12/06/25 00:27	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/05/25 05:44	12/06/25 00:27	1
Acenaphthene	ND		10.0	0.630	ug/L		12/05/25 05:44	12/06/25 00:27	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/05/25 05:44	12/06/25 00:27	1
Acetophenone	ND		10.0	3.20	ug/L		12/05/25 05:44	12/06/25 00:27	1
Anthracene	ND		10.0	0.910	ug/L		12/05/25 05:44	12/06/25 00:27	1
Atrazine	ND		10.0	1.13	ug/L		12/05/25 05:44	12/06/25 00:27	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/05/25 05:44	12/06/25 00:27	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/05/25 05:44	12/06/25 00:27	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/05/25 05:44	12/06/25 00:27	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/05/25 05:44	12/06/25 00:27	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/05/25 05:44	12/06/25 00:27	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/05/25 05:44	12/06/25 00:27	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/05/25 05:44	12/06/25 00:27	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/05/25 05:44	12/06/25 00:27	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/05/25 05:44	12/06/25 00:27	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:27	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:27	1
Caprolactam	**3.43**	**J**	10.0	2.40	ug/L		12/05/25 05:44	12/06/25 00:27	1
Carbazole	ND		10.0	0.320	ug/L		12/05/25 05:44	12/06/25 00:27	1
Chrysene	ND		10.0	1.20	ug/L		12/05/25 05:44	12/06/25 00:27	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/05/25 05:44	12/06/25 00:27	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/05/25 05:44	12/06/25 00:27	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:27	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:27	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/05/25 05:44	12/06/25 00:27	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:27	1
Fluoranthene	ND		10.0	0.630	ug/L		12/05/25 05:44	12/06/25 00:27	1
Fluorene	ND		10.0	0.670	ug/L		12/05/25 05:44	12/06/25 00:27	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/05/25 05:44	12/06/25 00:27	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/05/25 05:44	12/06/25 00:27	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/05/25 05:44	12/06/25 00:27	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/05/25 05:44	12/06/25 00:27	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/05/25 05:44	12/06/25 00:27	1
Isophorone	ND		10.0	0.800	ug/L		12/05/25 05:44	12/06/25 00:27	1
Naphthalene	ND		10.0	0.750	ug/L		12/05/25 05:44	12/06/25 00:27	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/05/25 05:44	12/06/25 00:27	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/05/25 05:44	12/06/25 00:27	1

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

Job ID: 752-39724-1

Client Sample ID: MW-6

Date Collected: 12/01/25 14:35
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-6

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		10.0	0.190	ug/L		12/05/25 05:44	12/06/25 00:27	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/05/25 05:44	12/06/25 00:27	1
Phenanthrene	ND		10.0	0.740	ug/L		12/05/25 05:44	12/06/25 00:27	1
Phenol	ND		10.0	0.680	ug/L		12/05/25 05:44	12/06/25 00:27	1
Pyrene	ND		10.0	0.630	ug/L		12/05/25 05:44	12/06/25 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 150*	*12/05/25 05:44*	*12/06/25 00:27*	*1*
2-Fluorobiphenyl (Surr)	*92*		*25 - 139*	*12/05/25 05:44*	*12/06/25 00:27*	*1*
2-Fluorophenol (Surr)	*101*		*10 - 150*	*12/05/25 05:44*	*12/06/25 00:27*	*1*
Nitrobenzene-d5 (Surr)	*105*		*22 - 150*	*12/05/25 05:44*	*12/06/25 00:27*	*1*
Phenol-d5 (Surr)	*110*		*10 - 150*	*12/05/25 05:44*	*12/06/25 00:27*	*1*
Terphenyl-d14 (Surr)	*72*		*28 - 150*	*12/05/25 05:44*	*12/06/25 00:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/04/25 07:48	12/05/25 23:55	1
Arsenic	**2.25**	**J**	5.00	1.32	ug/L		12/04/25 07:48	12/05/25 23:55	1
Barium	**214**		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 23:55	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 23:55	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 23:55	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 23:55	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 23:55	1
Copper	**1.30**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/05/25 23:55	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 23:55	1
Manganese	**515**		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 23:55	1
Nickel	**0.877**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/05/25 23:55	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 23:55	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 23:55	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 23:55	1
Vanadium	ND		5.00	1.22	ug/L		12/04/25 07:48	12/05/25 23:55	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 23:55	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		12/08/25 16:28	12/08/25 20:35	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			12/08/25 11:02	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/04/25 15:11	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**378**		50.0	14.0	mg/L			12/05/25 15:02	10

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

Job ID: 752-39724-1

Client Sample ID: MW-7
Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 18:40	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 18:40	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 18:40	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 18:40	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 18:40	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 18:40	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 18:40	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 18:40	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 18:40	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 18:40	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 18:40	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 18:40	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 18:40	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 18:40	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 18:40	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 18:40	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 18:40	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 18:40	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 18:40	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 18:40	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 18:40	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 18:40	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 18:40	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 18:40	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 18:40	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 18:40	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 18:40	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 18:40	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 18:40	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 18:40	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 18:40	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 18:40	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 18:40	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 18:40	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 18:40	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 18:40	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 18:40	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 18:40	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 18:40	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 18:40	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 18:40	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 18:40	1

Client Sample ID: MW-7
Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-7
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			12/08/25 18:40	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 18:40	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 18:40	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 18:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 18:40	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 18:40	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 18:40	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 18:40	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 18:40	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 18:40	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 18:40	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 18:40	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 18:40	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 18:40	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 18:40	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 18:40	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 18:40	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 18:40	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 18:40	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 18:40	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 18:40	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*119*		*56 - 136*		*12/08/25 18:40*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*12/08/25 18:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*59 - 146*		*12/08/25 18:40*	*1*
Toluene-d8 (Surr)	*89*		*64 - 132*		*12/08/25 18:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		12/04/25 14:13	12/05/25 17:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*12/04/25 14:13*	*12/05/25 17:42*	*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		12/05/25 05:44	12/06/25 00:59	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/05/25 05:44	12/06/25 00:59	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/05/25 05:44	12/06/25 00:59	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/05/25 05:44	12/06/25 00:59	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/05/25 05:44	12/06/25 00:59	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/05/25 05:44	12/06/25 00:59	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/05/25 05:44	12/06/25 00:59	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/05/25 05:44	12/06/25 00:59	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/05/25 05:44	12/06/25 00:59	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/05/25 05:44	12/06/25 00:59	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/05/25 05:44	12/06/25 00:59	1

Client: S&ME Inc
Job ID: 752-39724-1
Project/Site: Walltown Park

Client Sample ID: MW-7
Lab Sample ID: 752-39724-7
Date Collected: 12/01/25 15:15
Matrix: Water
Date Received: 12/02/25 08:20

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		12/05/25 05:44	12/06/25 00:59	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/05/25 05:44	12/06/25 00:59	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/05/25 05:44	12/06/25 00:59	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/05/25 05:44	12/06/25 00:59	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/05/25 05:44	12/06/25 00:59	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/05/25 05:44	12/06/25 00:59	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/05/25 05:44	12/06/25 00:59	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/05/25 05:44	12/06/25 00:59	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/05/25 05:44	12/06/25 00:59	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/05/25 05:44	12/06/25 00:59	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/05/25 05:44	12/06/25 00:59	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/05/25 05:44	12/06/25 00:59	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/05/25 05:44	12/06/25 00:59	1
Acenaphthene	ND		10.0	0.630	ug/L		12/05/25 05:44	12/06/25 00:59	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/05/25 05:44	12/06/25 00:59	1
Acetophenone	ND		10.0	3.20	ug/L		12/05/25 05:44	12/06/25 00:59	1
Anthracene	ND		10.0	0.910	ug/L		12/05/25 05:44	12/06/25 00:59	1
Atrazine	ND		10.0	1.13	ug/L		12/05/25 05:44	12/06/25 00:59	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/05/25 05:44	12/06/25 00:59	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/05/25 05:44	12/06/25 00:59	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/05/25 05:44	12/06/25 00:59	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/05/25 05:44	12/06/25 00:59	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/05/25 05:44	12/06/25 00:59	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/05/25 05:44	12/06/25 00:59	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/05/25 05:44	12/06/25 00:59	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/05/25 05:44	12/06/25 00:59	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/05/25 05:44	12/06/25 00:59	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:59	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:59	1
Caprolactam	ND		10.0	2.40	ug/L		12/05/25 05:44	12/06/25 00:59	1
Carbazole	ND		10.0	0.320	ug/L		12/05/25 05:44	12/06/25 00:59	1
Chrysene	ND		10.0	1.20	ug/L		12/05/25 05:44	12/06/25 00:59	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/05/25 05:44	12/06/25 00:59	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/05/25 05:44	12/06/25 00:59	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:59	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:59	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/05/25 05:44	12/06/25 00:59	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/05/25 05:44	12/06/25 00:59	1
Fluoranthene	ND		10.0	0.630	ug/L		12/05/25 05:44	12/06/25 00:59	1
Fluorene	ND		10.0	0.670	ug/L		12/05/25 05:44	12/06/25 00:59	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/05/25 05:44	12/06/25 00:59	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/05/25 05:44	12/06/25 00:59	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/05/25 05:44	12/06/25 00:59	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/05/25 05:44	12/06/25 00:59	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/05/25 05:44	12/06/25 00:59	1
Isophorone	ND		10.0	0.800	ug/L		12/05/25 05:44	12/06/25 00:59	1
Naphthalene	ND		10.0	0.750	ug/L		12/05/25 05:44	12/06/25 00:59	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/05/25 05:44	12/06/25 00:59	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/05/25 05:44	12/06/25 00:59	1

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

Job ID: 752-39724-1

Client Sample ID: MW-7

Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-7

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		12/05/25 05:44	12/06/25 00:59	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/05/25 05:44	12/06/25 00:59	1
Phenanthrene	ND		10.0	0.740	ug/L		12/05/25 05:44	12/06/25 00:59	1
Phenol	ND		10.0	0.680	ug/L		12/05/25 05:44	12/06/25 00:59	1
Pyrene	ND		10.0	0.630	ug/L		12/05/25 05:44	12/06/25 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 150*	*12/05/25 05:44*	*12/06/25 00:59*	*1*
2-Fluorobiphenyl (Surr)	*89*		*25 - 139*	*12/05/25 05:44*	*12/06/25 00:59*	*1*
2-Fluorophenol (Surr)	*100*		*10 - 150*	*12/05/25 05:44*	*12/06/25 00:59*	*1*
Nitrobenzene-d5 (Surr)	*102*		*22 - 150*	*12/05/25 05:44*	*12/06/25 00:59*	*1*
Phenol-d5 (Surr)	*109*		*10 - 150*	*12/05/25 05:44*	*12/06/25 00:59*	*1*
Terphenyl-d14 (Surr)	*70*		*28 - 150*	*12/05/25 05:44*	*12/06/25 00:59*	*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		12/04/25 07:48	12/06/25 00:32	1
Arsenic	ND		5.00	1.32	ug/L		12/04/25 07:48	12/06/25 00:32	1
Barium	**99.4**		10.0	0.410	ug/L		12/04/25 07:48	12/06/25 00:32	1
Beryllium	**0.859**	**J**	1.00	0.147	ug/L		12/04/25 07:48	12/06/25 00:32	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/06/25 00:32	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/06/25 00:32	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/06/25 00:32	1
Copper	**0.875**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/06/25 00:32	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/06/25 00:32	1
Manganese	**125**		5.00	1.29	ug/L		12/04/25 07:48	12/06/25 00:32	1
Nickel	**28.5**		5.00	0.422	ug/L		12/04/25 07:48	12/06/25 00:32	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/06/25 00:32	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/06/25 00:32	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/06/25 00:32	1
Vanadium	ND		5.00	1.22	ug/L		12/04/25 07:48	12/06/25 00:32	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/06/25 00:32	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		12/08/25 16:28	12/08/25 20:50	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			12/08/25 12:06	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.598**		0.100	0.0100	mg/L			12/04/25 15:09	1
Nitrate as N (SM Nitrate by calc)	**0.598**		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**111**	**F1**	25.0	7.00	mg/L			12/05/25 15:02	5

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

Job ID: 752-39724-1

Client Sample ID: MW-8
Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F2	25.0	10.0	ug/L			12/09/25 11:33	1
Benzene	ND	F1 F2	1.00	0.500	ug/L			12/09/25 11:33	1
Bromobenzene	ND	F2	1.00	0.540	ug/L			12/09/25 11:33	1
Bromoform	ND	F2	5.00	0.250	ug/L			12/09/25 11:33	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 11:33	1
2-Butanone (MEK)	ND	F2	25.0	2.60	ug/L			12/09/25 11:33	1
Carbon disulfide	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
Carbon tetrachloride	ND	F2	1.00	0.460	ug/L			12/09/25 11:33	1
Chlorobenzene	ND	F2	1.00	0.420	ug/L			12/09/25 11:33	1
Chlorobromomethane	ND	F2	1.00	0.520	ug/L			12/09/25 11:33	1
Chlorodibromomethane	ND	F2	1.00	0.610	ug/L			12/09/25 11:33	1
Chloroethane	ND	F2	1.00	0.760	ug/L			12/09/25 11:33	1
Chloroform	ND	F1 F2	1.00	0.900	ug/L			12/09/25 11:33	1
Chloromethane	ND	F2	1.00	0.840	ug/L			12/09/25 11:33	1
2-Chlorotoluene	ND	F2	1.00	0.570	ug/L			12/09/25 11:33	1
4-Chlorotoluene	ND	F1 F2	1.00	0.560	ug/L			12/09/25 11:33	1
cis-1,2-Dichloroethene	ND	F1 F2	1.00	0.760	ug/L			12/09/25 11:33	1
cis-1,3-Dichloropropene	ND	F1 F2	5.00	0.500	ug/L			12/09/25 11:33	1
1,2-Dibromo-3-Chloropropane	ND	F2	5.00	1.50	ug/L			12/09/25 11:33	1
Dibromomethane	ND	F1 F2	5.00	0.220	ug/L			12/09/25 11:33	1
1,2-Dichlorobenzene	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,3-Dichlorobenzene	ND	F2	1.00	0.540	ug/L			12/09/25 11:33	1
1,4-Dichlorobenzene	ND	F2	1.00	0.640	ug/L			12/09/25 11:33	1
Dichlorobromomethane	ND	F1 F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,1-Dichloroethane	ND	F1 F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,2-Dichloroethane	ND	F1 F2	1.00	0.550	ug/L			12/09/25 11:33	1
1,1-Dichloroethene	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,2-Dichloropropane	ND	F1 F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,3-Dichloropropane	ND	F1 F2	1.00	0.500	ug/L			12/09/25 11:33	1
2,2-Dichloropropane	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,1-Dichloropropene	ND	F1 F2	1.00	0.340	ug/L			12/09/25 11:33	1
Ethyl acetate	ND	F2	10.0	6.14	ug/L			12/09/25 11:33	1
Ethylbenzene	ND	F1 F2	1.00	0.500	ug/L			12/09/25 11:33	1
Ethylene Dibromide	ND	F2	1.00	0.230	ug/L			12/09/25 11:33	1
Hexachlorobutadiene	ND	F2	5.00	0.900	ug/L			12/09/25 11:33	1
Hexane	ND	F2	1.00	0.960	ug/L			12/09/25 11:33	1
2-Hexanone	ND	F2	25.0	9.10	ug/L			12/09/25 11:33	1
Iodomethane	ND	F2	1.00	0.900	ug/L			12/09/25 11:33	1
Isopropylbenzene	ND	F2	1.00	0.530	ug/L			12/09/25 11:33	1
Isopropyl ether	ND	F1 F2	1.00	0.740	ug/L			12/09/25 11:33	1
4-Isopropyltoluene	ND	F2	1.00	0.710	ug/L			12/09/25 11:33	1
Methylene Chloride	ND	F2	5.00	4.00	ug/L			12/09/25 11:33	1
4-Methyl-2-pentanone (MIBK)	ND	F2	25.0	1.80	ug/L			12/09/25 11:33	1
Methyl tert-butyl ether	ND	F2	1.00	0.220	ug/L			12/09/25 11:33	1
m-Xylene & p-Xylene	ND	F1 F2	5.00	3.00	ug/L			12/09/25 11:33	1
Naphthalene	ND	F2	5.00	3.00	ug/L			12/09/25 11:33	1
n-Butylbenzene	ND	F2	1.00	0.760	ug/L			12/09/25 11:33	1
n-Heptane	ND	F2	1.00	0.690	ug/L			12/09/25 11:33	1
N-Propylbenzene	ND	F2	1.00	0.690	ug/L			12/09/25 11:33	1

Client Sample ID: MW-8
Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-8
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	F1 F2	5.00	3.00	ug/L			12/09/25 11:33	1
sec-Butylbenzene	ND	F2	1.00	0.700	ug/L			12/09/25 11:33	1
Styrene	ND	F2	1.00	1.00	ug/L			12/09/25 11:33	1
tert-Butylbenzene	ND	F2	1.00	0.630	ug/L			12/09/25 11:33	1
1,1,1,2-Tetrachloroethane	ND	F2	1.00	0.380	ug/L			12/09/25 11:33	1
1,1,2,2-Tetrachloroethane	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
Tetrachloroethene	ND	F2	1.00	0.330	ug/L			12/09/25 11:33	1
Toluene	ND	F2	1.00	0.900	ug/L			12/09/25 11:33	1
trans-1,4-Dichloro-2-butene	ND	F2	5.00	1.00	ug/L			12/09/25 11:33	1
trans-1,2-Dichloroethene	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
trans-1,3-Dichloropropene	ND	F2	5.00	0.470	ug/L			12/09/25 11:33	1
1,2,3-Trichlorobenzene	ND	F2	1.00	0.900	ug/L			12/09/25 11:33	1
1,2,4-Trichlorobenzene	ND	F2	1.00	0.820	ug/L			12/09/25 11:33	1
1,1,1-Trichloroethane	ND	F1 F2	1.00	0.390	ug/L			12/09/25 11:33	1
1,1,2-Trichloroethane	ND	F1 F2	5.00	1.00	ug/L			12/09/25 11:33	1
Trichloroethene	ND	F1 F2	1.00	0.480	ug/L			12/09/25 11:33	1
Trichlorofluoromethane	ND	F2	1.00	0.250	ug/L			12/09/25 11:33	1
1,2,3-Trichloropropane	ND	F2	5.00	0.840	ug/L			12/09/25 11:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
1,2,4-Trimethylbenzene	ND	F2	1.00	0.820	ug/L			12/09/25 11:33	1
1,3,5-Trimethylbenzene	ND	F2	1.00	0.560	ug/L			12/09/25 11:33	1
Vinyl acetate	ND	F2	25.0	0.930	ug/L			12/09/25 11:33	1
Vinyl chloride	ND	F2	1.00	0.500	ug/L			12/09/25 11:33	1
Xylenes, Total	ND	F1 F2	10.0	6.00	ug/L			12/09/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*118*		*56 - 136*		*12/09/25 11:33*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 11:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*59 - 146*		*12/09/25 11:33*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*12/09/25 11:33*	*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		12/04/25 14:13	12/05/25 18:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*10 - 140*	*12/04/25 14:13*	*12/05/25 18:03*	*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		12/05/25 05:44	12/08/25 22:26	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		12/05/25 05:44	12/08/25 22:26	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		12/05/25 05:44	12/08/25 22:26	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		12/05/25 05:44	12/08/25 22:26	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		12/05/25 05:44	12/08/25 22:26	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		12/05/25 05:44	12/08/25 22:26	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		12/05/25 05:44	12/08/25 22:26	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		12/05/25 05:44	12/08/25 22:26	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		12/05/25 05:44	12/08/25 22:26	1
2-Chlorophenol	ND		9.97	0.837	ug/L		12/05/25 05:44	12/08/25 22:26	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		12/05/25 05:44	12/08/25 22:26	1

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

Job ID: 752-39724-1

Client Sample ID: MW-8
Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.97	0.757	ug/L		12/05/25 05:44	12/08/25 22:26	1
2-Nitroaniline	ND		9.97	1.37	ug/L		12/05/25 05:44	12/08/25 22:26	1
2-Nitrophenol	ND		9.97	1.17	ug/L		12/05/25 05:44	12/08/25 22:26	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		12/05/25 05:44	12/08/25 22:26	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		12/05/25 05:44	12/08/25 22:26	1
3-Nitroaniline	ND		9.97	0.947	ug/L		12/05/25 05:44	12/08/25 22:26	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		12/05/25 05:44	12/08/25 22:26	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		12/05/25 05:44	12/08/25 22:26	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		12/05/25 05:44	12/08/25 22:26	1
4-Chloroaniline	ND		9.97	0.578	ug/L		12/05/25 05:44	12/08/25 22:26	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		12/05/25 05:44	12/08/25 22:26	1
4-Nitroaniline	ND		9.97	3.49	ug/L		12/05/25 05:44	12/08/25 22:26	1
4-Nitrophenol	ND		9.97	2.73	ug/L		12/05/25 05:44	12/08/25 22:26	1
Acenaphthene	ND		9.97	0.628	ug/L		12/05/25 05:44	12/08/25 22:26	1
Acenaphthylene	ND		9.97	0.757	ug/L		12/05/25 05:44	12/08/25 22:26	1
Acetophenone	ND		9.97	3.19	ug/L		12/05/25 05:44	12/08/25 22:26	1
Anthracene	ND		9.97	0.907	ug/L		12/05/25 05:44	12/08/25 22:26	1
Atrazine	ND		9.97	1.13	ug/L		12/05/25 05:44	12/08/25 22:26	1
Benzaldehyde	ND		9.97	0.668	ug/L		12/05/25 05:44	12/08/25 22:26	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		12/05/25 05:44	12/08/25 22:26	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		12/05/25 05:44	12/08/25 22:26	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		12/05/25 05:44	12/08/25 22:26	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		12/05/25 05:44	12/08/25 22:26	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		12/05/25 05:44	12/08/25 22:26	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		12/05/25 05:44	12/08/25 22:26	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		12/05/25 05:44	12/08/25 22:26	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		12/05/25 05:44	12/08/25 22:26	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:26	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:26	1
Caprolactam	ND		9.97	2.39	ug/L		12/05/25 05:44	12/08/25 22:26	1
Carbazole	ND		9.97	0.319	ug/L		12/05/25 05:44	12/08/25 22:26	1
Chrysene	ND		9.97	1.20	ug/L		12/05/25 05:44	12/08/25 22:26	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		12/05/25 05:44	12/08/25 22:26	1
Dibenzofuran	ND		9.97	0.638	ug/L		12/05/25 05:44	12/08/25 22:26	1
Diethyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:26	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:26	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		12/05/25 05:44	12/08/25 22:26	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:26	1
Fluoranthene	ND		9.97	0.628	ug/L		12/05/25 05:44	12/08/25 22:26	1
Fluorene	ND		9.97	0.668	ug/L		12/05/25 05:44	12/08/25 22:26	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		12/05/25 05:44	12/08/25 22:26	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		12/05/25 05:44	12/08/25 22:26	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		12/05/25 05:44	12/08/25 22:26	1
Hexachloroethane	ND		9.97	0.528	ug/L		12/05/25 05:44	12/08/25 22:26	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		12/05/25 05:44	12/08/25 22:26	1
Isophorone	ND		9.97	0.797	ug/L		12/05/25 05:44	12/08/25 22:26	1
Naphthalene	ND		9.97	0.748	ug/L		12/05/25 05:44	12/08/25 22:26	1
Nitrobenzene	ND		9.97	0.598	ug/L		12/05/25 05:44	12/08/25 22:26	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		12/05/25 05:44	12/08/25 22:26	1

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

Job ID: 752-39724-1

Client Sample ID: MW-8

Date Collected: 12/01/25 15:15
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-8

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		9.97	0.189	ug/L		12/05/25 05:44	12/08/25 22:26	1
Pentachlorophenol	ND		9.97	2.79	ug/L		12/05/25 05:44	12/08/25 22:26	1
Phenanthrene	ND		9.97	0.738	ug/L		12/05/25 05:44	12/08/25 22:26	1
Phenol	ND		9.97	0.678	ug/L		12/05/25 05:44	12/08/25 22:26	1
Pyrene	ND		9.97	0.628	ug/L		12/05/25 05:44	12/08/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 150*	*12/05/25 05:44*	*12/08/25 22:26*	*1*
2-Fluorobiphenyl (Surr)	*92*		*25 - 139*	*12/05/25 05:44*	*12/08/25 22:26*	*1*
2-Fluorophenol (Surr)	*100*		*10 - 150*	*12/05/25 05:44*	*12/08/25 22:26*	*1*
Nitrobenzene-d5 (Surr)	*107*		*22 - 150*	*12/05/25 05:44*	*12/08/25 22:26*	*1*
Phenol-d5 (Surr)	*102*		*10 - 150*	*12/05/25 05:44*	*12/08/25 22:26*	*1*
Terphenyl-d14 (Surr)	*80*		*28 - 150*	*12/05/25 05:44*	*12/08/25 22:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/04/25 07:48	12/06/25 00:34	1
Arsenic	ND		5.00	1.32	ug/L		12/04/25 07:48	12/06/25 00:34	1
Barium	**204**		10.0	0.410	ug/L		12/04/25 07:48	12/06/25 00:34	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/06/25 00:34	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/06/25 00:34	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/06/25 00:34	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/06/25 00:34	1
Copper	**0.881**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/06/25 00:34	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/06/25 00:34	1
Manganese	**479**		5.00	1.29	ug/L		12/04/25 07:48	12/06/25 00:34	1
Nickel	ND		5.00	0.422	ug/L		12/04/25 07:48	12/06/25 00:34	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/06/25 00:34	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/06/25 00:34	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/06/25 00:34	1
Vanadium	ND		5.00	1.22	ug/L		12/04/25 07:48	12/06/25 00:34	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/06/25 00:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 20:54	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			12/08/25 12:14	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0700**	**J**	0.100	0.0100	mg/L			12/04/25 15:07	1
Nitrate as N (SM Nitrate by calc)	**0.0700**	**J**	0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**11.7**		5.00	1.40	mg/L			12/05/25 14:32	1

Client: S&ME Inc
Job ID: 752-39724-1
Project/Site: Walltown Park

Client Sample ID: MW-9
Lab Sample ID: 752-39724-9
Date Collected: 12/01/25 16:00
Matrix: Water
Date Received: 12/02/25 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 19:29	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 19:29	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 19:29	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 19:29	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 19:29	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 19:29	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 19:29	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 19:29	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 19:29	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 19:29	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 19:29	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 19:29	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 19:29	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 19:29	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 19:29	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 19:29	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 19:29	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 19:29	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 19:29	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 19:29	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 19:29	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 19:29	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 19:29	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 19:29	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 19:29	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 19:29	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 19:29	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 19:29	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 19:29	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 19:29	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 19:29	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 19:29	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 19:29	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 19:29	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 19:29	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 19:29	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 19:29	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 19:29	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 19:29	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 19:29	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 19:29	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 19:29	1

Client Sample ID: MW-9
Date Collected: 12/01/25 16:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-9
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			12/08/25 19:29	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 19:29	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 19:29	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 19:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 19:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 19:29	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 19:29	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 19:29	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 19:29	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 19:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 19:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 19:29	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 19:29	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 19:29	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 19:29	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 19:29	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 19:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 19:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 19:29	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 19:29	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 19:29	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*118*		*56 - 136*		*12/08/25 19:29*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*12/08/25 19:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/08/25 19:29*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*12/08/25 19:29*	*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		12/04/25 14:13	12/05/25 18:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*18*		*10 - 140*	*12/04/25 14:13*	*12/05/25 18:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		12/05/25 05:44	12/08/25 22:57	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		12/05/25 05:44	12/08/25 22:57	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		12/05/25 05:44	12/08/25 22:57	1
2-Chlorophenol	ND		9.97	0.837	ug/L		12/05/25 05:44	12/08/25 22:57	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		12/05/25 05:44	12/08/25 22:57	1

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

Job ID: 752-39724-1

Client Sample ID: MW-9
Date Collected: 12/01/25 16:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.97	0.757	ug/L		12/05/25 05:44	12/08/25 22:57	1
2-Nitroaniline	ND		9.97	1.37	ug/L		12/05/25 05:44	12/08/25 22:57	1
2-Nitrophenol	ND		9.97	1.17	ug/L		12/05/25 05:44	12/08/25 22:57	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		12/05/25 05:44	12/08/25 22:57	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		12/05/25 05:44	12/08/25 22:57	1
3-Nitroaniline	ND		9.97	0.947	ug/L		12/05/25 05:44	12/08/25 22:57	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		12/05/25 05:44	12/08/25 22:57	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		12/05/25 05:44	12/08/25 22:57	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		12/05/25 05:44	12/08/25 22:57	1
4-Chloroaniline	ND		9.97	0.578	ug/L		12/05/25 05:44	12/08/25 22:57	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		12/05/25 05:44	12/08/25 22:57	1
4-Nitroaniline	ND		9.97	3.49	ug/L		12/05/25 05:44	12/08/25 22:57	1
4-Nitrophenol	ND		9.97	2.73	ug/L		12/05/25 05:44	12/08/25 22:57	1
Acenaphthene	ND		9.97	0.628	ug/L		12/05/25 05:44	12/08/25 22:57	1
Acenaphthylene	ND		9.97	0.757	ug/L		12/05/25 05:44	12/08/25 22:57	1
Acetophenone	ND		9.97	3.19	ug/L		12/05/25 05:44	12/08/25 22:57	1
Anthracene	ND		9.97	0.907	ug/L		12/05/25 05:44	12/08/25 22:57	1
Atrazine	ND		9.97	1.13	ug/L		12/05/25 05:44	12/08/25 22:57	1
Benzaldehyde	ND		9.97	0.668	ug/L		12/05/25 05:44	12/08/25 22:57	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		12/05/25 05:44	12/08/25 22:57	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		12/05/25 05:44	12/08/25 22:57	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		12/05/25 05:44	12/08/25 22:57	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		12/05/25 05:44	12/08/25 22:57	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		12/05/25 05:44	12/08/25 22:57	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		12/05/25 05:44	12/08/25 22:57	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		12/05/25 05:44	12/08/25 22:57	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		12/05/25 05:44	12/08/25 22:57	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:57	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:57	1
Caprolactam	ND		9.97	2.39	ug/L		12/05/25 05:44	12/08/25 22:57	1
Carbazole	ND		9.97	0.319	ug/L		12/05/25 05:44	12/08/25 22:57	1
Chrysene	ND		9.97	1.20	ug/L		12/05/25 05:44	12/08/25 22:57	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		12/05/25 05:44	12/08/25 22:57	1
Dibenzofuran	ND		9.97	0.638	ug/L		12/05/25 05:44	12/08/25 22:57	1
Diethyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:57	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:57	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		12/05/25 05:44	12/08/25 22:57	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		12/05/25 05:44	12/08/25 22:57	1
Fluoranthene	ND		9.97	0.628	ug/L		12/05/25 05:44	12/08/25 22:57	1
Fluorene	ND		9.97	0.668	ug/L		12/05/25 05:44	12/08/25 22:57	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		12/05/25 05:44	12/08/25 22:57	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		12/05/25 05:44	12/08/25 22:57	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		12/05/25 05:44	12/08/25 22:57	1
Hexachloroethane	ND		9.97	0.528	ug/L		12/05/25 05:44	12/08/25 22:57	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		12/05/25 05:44	12/08/25 22:57	1
Isophorone	ND		9.97	0.797	ug/L		12/05/25 05:44	12/08/25 22:57	1
Naphthalene	ND		9.97	0.748	ug/L		12/05/25 05:44	12/08/25 22:57	1
Nitrobenzene	ND		9.97	0.598	ug/L		12/05/25 05:44	12/08/25 22:57	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		12/05/25 05:44	12/08/25 22:57	1

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

Job ID: 752-39724-1

Client Sample ID: MW-9

Date Collected: 12/01/25 16:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-9

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		9.97	0.189	ug/L		12/05/25 05:44	12/08/25 22:57	1
Pentachlorophenol	ND		9.97	2.79	ug/L		12/05/25 05:44	12/08/25 22:57	1
Phenanthrene	ND		9.97	0.738	ug/L		12/05/25 05:44	12/08/25 22:57	1
Phenol	ND		9.97	0.678	ug/L		12/05/25 05:44	12/08/25 22:57	1
Pyrene	ND		9.97	0.628	ug/L		12/05/25 05:44	12/08/25 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 150*	*12/05/25 05:44*	*12/08/25 22:57*	*1*
2-Fluorobiphenyl (Surr)	*87*		*25 - 139*	*12/05/25 05:44*	*12/08/25 22:57*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*12/05/25 05:44*	*12/08/25 22:57*	*1*
Nitrobenzene-d5 (Surr)	*96*		*22 - 150*	*12/05/25 05:44*	*12/08/25 22:57*	*1*
Phenol-d5 (Surr)	*85*		*10 - 150*	*12/05/25 05:44*	*12/08/25 22:57*	*1*
Terphenyl-d14 (Surr)	*71*		*28 - 150*	*12/05/25 05:44*	*12/08/25 22:57*	*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		12/04/25 07:48	12/06/25 00:37	1
Arsenic	**1.93**	**J**	5.00	1.32	ug/L		12/04/25 07:48	12/06/25 00:37	1
Barium	**179**		10.0	0.410	ug/L		12/04/25 07:48	12/06/25 00:37	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/06/25 00:37	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/06/25 00:37	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/06/25 00:37	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/06/25 00:37	1
Copper	**0.970**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/06/25 00:37	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/06/25 00:37	1
Manganese	**387**		5.00	1.29	ug/L		12/04/25 07:48	12/06/25 00:37	1
Nickel	**0.446**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/06/25 00:37	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/06/25 00:37	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/06/25 00:37	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/06/25 00:37	1
Vanadium	**1.49**	**J**	5.00	1.22	ug/L		12/04/25 07:48	12/06/25 00:37	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/06/25 00:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 20:58	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			12/08/25 12:27	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0380**	**J**	0.100	0.0100	mg/L			12/04/25 15:05	1
Nitrate as N (SM Nitrate by calc)	**0.0380**	**J**	0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**9.31**		5.00	1.40	mg/L			12/05/25 14:33	1

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

Job ID: 752-39724-1

Client Sample ID: 120125-Dup-1
Date Collected: 12/01/25 00:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/08/25 19:54	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 19:54	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 19:54	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 19:54	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 19:54	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 19:54	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 19:54	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 19:54	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 19:54	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 19:54	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 19:54	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 19:54	1
Chloroform	**1.07**		1.00	0.900	ug/L			12/08/25 19:54	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 19:54	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 19:54	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 19:54	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 19:54	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 19:54	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 19:54	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 19:54	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 19:54	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 19:54	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 19:54	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 19:54	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 19:54	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 19:54	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 19:54	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 19:54	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 19:54	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 19:54	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 19:54	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 19:54	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 19:54	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 19:54	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 19:54	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 19:54	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 19:54	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 19:54	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 19:54	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 19:54	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 19:54	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 19:54	1

Client Sample ID: 120125-Dup-1
Date Collected: 12/01/25 00:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-10
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			12/08/25 19:54	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 19:54	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 19:54	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 19:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 19:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 19:54	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 19:54	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 19:54	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 19:54	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 19:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 19:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 19:54	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 19:54	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 19:54	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 19:54	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 19:54	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 19:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 19:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 19:54	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 19:54	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 19:54	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*117*		*56 - 136*		*12/08/25 19:54*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*12/08/25 19:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*59 - 146*		*12/08/25 19:54*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*12/08/25 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.277	0.277	ug/L		12/04/25 14:13	12/05/25 18:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*12/04/25 14:13*	*12/05/25 18:45*	*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		12/05/25 05:44	12/08/25 23:29	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		12/05/25 05:44	12/08/25 23:29	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/05/25 05:44	12/08/25 23:29	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		12/05/25 05:44	12/08/25 23:29	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/05/25 05:44	12/08/25 23:29	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		12/05/25 05:44	12/08/25 23:29	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		12/05/25 05:44	12/08/25 23:29	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		12/05/25 05:44	12/08/25 23:29	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		12/05/25 05:44	12/08/25 23:29	1
2-Chlorophenol	ND		10.1	0.848	ug/L		12/05/25 05:44	12/08/25 23:29	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		12/05/25 05:44	12/08/25 23:29	1

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

Job ID: 752-39724-1

Client Sample ID: 120125-Dup-1
Date Collected: 12/01/25 00:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-10
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	0.768	ug/L		12/05/25 05:44	12/08/25 23:29	1
2-Nitroaniline	ND		10.1	1.38	ug/L		12/05/25 05:44	12/08/25 23:29	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/05/25 05:44	12/08/25 23:29	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		12/05/25 05:44	12/08/25 23:29	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		12/05/25 05:44	12/08/25 23:29	1
3-Nitroaniline	ND		10.1	0.960	ug/L		12/05/25 05:44	12/08/25 23:29	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		12/05/25 05:44	12/08/25 23:29	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/05/25 05:44	12/08/25 23:29	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		12/05/25 05:44	12/08/25 23:29	1
4-Chloroaniline	ND		10.1	0.586	ug/L		12/05/25 05:44	12/08/25 23:29	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/05/25 05:44	12/08/25 23:29	1
4-Nitroaniline	ND		10.1	3.54	ug/L		12/05/25 05:44	12/08/25 23:29	1
4-Nitrophenol	ND		10.1	2.77	ug/L		12/05/25 05:44	12/08/25 23:29	1
Acenaphthene	ND		10.1	0.636	ug/L		12/05/25 05:44	12/08/25 23:29	1
Acenaphthylene	ND		10.1	0.768	ug/L		12/05/25 05:44	12/08/25 23:29	1
Acetophenone	ND		10.1	3.23	ug/L		12/05/25 05:44	12/08/25 23:29	1
Anthracene	ND		10.1	0.919	ug/L		12/05/25 05:44	12/08/25 23:29	1
Atrazine	ND		10.1	1.14	ug/L		12/05/25 05:44	12/08/25 23:29	1
Benzaldehyde	ND		10.1	0.677	ug/L		12/05/25 05:44	12/08/25 23:29	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/05/25 05:44	12/08/25 23:29	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/05/25 05:44	12/08/25 23:29	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/05/25 05:44	12/08/25 23:29	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/05/25 05:44	12/08/25 23:29	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/05/25 05:44	12/08/25 23:29	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		12/05/25 05:44	12/08/25 23:29	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		12/05/25 05:44	12/08/25 23:29	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		12/05/25 05:44	12/08/25 23:29	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		12/05/25 05:44	12/08/25 23:29	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		12/05/25 05:44	12/08/25 23:29	1
Caprolactam	ND		10.1	2.42	ug/L		12/05/25 05:44	12/08/25 23:29	1
Carbazole	ND		10.1	0.323	ug/L		12/05/25 05:44	12/08/25 23:29	1
Chrysene	ND		10.1	1.21	ug/L		12/05/25 05:44	12/08/25 23:29	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/05/25 05:44	12/08/25 23:29	1
Dibenzofuran	ND		10.1	0.646	ug/L		12/05/25 05:44	12/08/25 23:29	1
Diethyl phthalate	ND		10.1	4.04	ug/L		12/05/25 05:44	12/08/25 23:29	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		12/05/25 05:44	12/08/25 23:29	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		12/05/25 05:44	12/08/25 23:29	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		12/05/25 05:44	12/08/25 23:29	1
Fluoranthene	ND		10.1	0.636	ug/L		12/05/25 05:44	12/08/25 23:29	1
Fluorene	ND		10.1	0.677	ug/L		12/05/25 05:44	12/08/25 23:29	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/05/25 05:44	12/08/25 23:29	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		12/05/25 05:44	12/08/25 23:29	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		12/05/25 05:44	12/08/25 23:29	1
Hexachloroethane	ND		10.1	0.535	ug/L		12/05/25 05:44	12/08/25 23:29	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/05/25 05:44	12/08/25 23:29	1
Isophorone	ND		10.1	0.808	ug/L		12/05/25 05:44	12/08/25 23:29	1
Naphthalene	ND		10.1	0.758	ug/L		12/05/25 05:44	12/08/25 23:29	1
Nitrobenzene	ND		10.1	0.606	ug/L		12/05/25 05:44	12/08/25 23:29	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		12/05/25 05:44	12/08/25 23:29	1

Client Sample ID: 120125-Dup-1
Date Collected: 12/01/25 00:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-10
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	0.192	ug/L		12/05/25 05:44	12/08/25 23:29	1
Pentachlorophenol	ND		10.1	2.83	ug/L		12/05/25 05:44	12/08/25 23:29	1
Phenanthrene	ND		10.1	0.747	ug/L		12/05/25 05:44	12/08/25 23:29	1
Phenol	ND		10.1	0.687	ug/L		12/05/25 05:44	12/08/25 23:29	1
Pyrene	ND		10.1	0.636	ug/L		12/05/25 05:44	12/08/25 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 150*	*12/05/25 05:44*	*12/08/25 23:29*	*1*
2-Fluorobiphenyl (Surr)	*94*		*25 - 139*	*12/05/25 05:44*	*12/08/25 23:29*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 150*	*12/05/25 05:44*	*12/08/25 23:29*	*1*
Nitrobenzene-d5 (Surr)	*103*		*22 - 150*	*12/05/25 05:44*	*12/08/25 23:29*	*1*
Phenol-d5 (Surr)	*97*		*10 - 150*	*12/05/25 05:44*	*12/08/25 23:29*	*1*
Terphenyl-d14 (Surr)	*82*		*28 - 150*	*12/05/25 05:44*	*12/08/25 23:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/04/25 07:48	12/06/25 00:39	1
Arsenic	ND		5.00	1.32	ug/L		12/04/25 07:48	12/06/25 00:39	1
Barium	**44.5**		10.0	0.410	ug/L		12/04/25 07:48	12/06/25 00:39	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/06/25 00:39	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/06/25 00:39	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/06/25 00:39	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/06/25 00:39	1
Copper	**0.908**	**J**	2.00	0.642	ug/L		12/04/25 07:48	12/06/25 00:39	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/06/25 00:39	1
Manganese	**14.5**		5.00	1.29	ug/L		12/04/25 07:48	12/06/25 00:39	1
Nickel	**0.935**	**J**	5.00	0.422	ug/L		12/04/25 07:48	12/06/25 00:39	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/06/25 00:39	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/06/25 00:39	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/06/25 00:39	1
Vanadium	**1.97**	**J**	5.00	1.22	ug/L		12/04/25 07:48	12/06/25 00:39	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/06/25 00:39	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		12/08/25 16:28	12/08/25 21:02	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			12/08/25 12:30	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.853**		0.100	0.0100	mg/L			12/04/25 15:04	1
Nitrate as N (SM Nitrate by calc)	**0.853**		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**22.9**		5.00	1.40	mg/L			12/05/25 14:33	1

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

Job ID: 752-39724-1

Client Sample ID: Trip Blank
Date Collected: 12/01/25 00:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-11
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			12/08/25 20:19	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 20:19	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 20:19	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 20:19	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 20:19	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 20:19	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 20:19	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 20:19	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 20:19	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 20:19	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 20:19	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 20:19	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 20:19	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 20:19	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 20:19	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 20:19	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 20:19	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 20:19	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 20:19	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 20:19	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 20:19	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 20:19	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 20:19	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 20:19	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 20:19	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 20:19	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 20:19	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 20:19	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 20:19	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 20:19	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 20:19	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 20:19	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 20:19	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 20:19	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 20:19	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 20:19	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 20:19	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 20:19	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 20:19	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 20:19	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 20:19	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/08/25 20:19	1

Client Sample ID: Trip Blank
Date Collected: 12/01/25 00:00
Date Received: 12/02/25 08:20

Lab Sample ID: 752-39724-11
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			12/08/25 20:19	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 20:19	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 20:19	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 20:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 20:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 20:19	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 20:19	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 20:19	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 20:19	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 20:19	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 20:19	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 20:19	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 20:19	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 20:19	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 20:19	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 20:19	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 20:19	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 20:19	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 20:19	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 20:19	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 20:19	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*56 - 136*		*12/08/25 20:19*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*12/08/25 20:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*12/08/25 20:19*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*12/08/25 20:19*	*1*

Surrogate Summary

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

Job ID: 752-39724-1

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)
752-39724-1	MW-1	125 *3	103	116	90
752-39724-2	MW-2	123	104	114	91
752-39724-3	MW-3	121	102	114	92
752-39724-4	MW-4	120	101	110	91
752-39724-5	MW-5	118	102	112	90
752-39724-6	MW-6	117	102	115	92
752-39724-7	MW-7	119	103	117	89
752-39724-8	MW-8	118	102	112	91
752-39724-8 MS	MW-8	100	96	104	88
752-39724-8 MSD	MW-8	105	99	105	91
752-39724-9	MW-9	118	100	116	90
752-39724-10	120125-Dup-1	117	100	114	91
752-39724-11	Trip Blank	116	100	111	90
LCS 400-732928/1003	Lab Control Sample	111	101	114	90
LCS 400-733100/1003	Lab Control Sample	106	99	110	88
MB 400-732928/5	Method Blank	114	101	113	93
MB 400-733100/5	Method Blank	116	100	113	90

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)
752-39724-1	MW-1	103	89	104	97	114	72
752-39724-2	MW-2	112	90	113	102	122	69
752-39724-3	MW-3	107	94	108	101	115	78
752-39724-4	MW-4	105	92	110	103	119	70
752-39724-5	MW-5	100	89	100	96	112	68
752-39724-6	MW-6	106	92	101	105	110	72
752-39724-7	MW-7	98	89	100	102	109	70
752-39724-8	MW-8	98	92	100	107	102	80
752-39724-9	MW-9	86	87	88	96	85	71
752-39724-10	120125-Dup-1	99	94	97	103	97	82
LCS 400-732632/2-A	Lab Control Sample	115	100	97	117	96	93
LCSD 400-732632/3-A	Lab Control Sample Dup	105	90	108	104	131	103
MB 400-732632/1-A	Method Blank	202 S1+	85	159 S1+	99	141	91

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: Walltown Park

Job ID: 752-39724-1

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)						
752-39724-1	MW-1	23						
752-39724-2	MW-2	23						
752-39724-3	MW-3	20						
752-39724-4	MW-4	21						
752-39724-5	MW-5	21						
752-39724-6	MW-6	20						
752-39724-7	MW-7	24						
752-39724-8	MW-8	20						
752-39724-9	MW-9	18						
752-39724-10	120125-Dup-1	23						
LCS 400-732681/2-A	Lab Control Sample	22						
LCSD 400-732681/3-A	Lab Control Sample Dup	23						
MB 400-732681/1-A	Method Blank	31						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-732928/5
Matrix: Water
Analysis Batch: 732928

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			12/08/25 10:52	1
Benzene	ND		1.00	0.500	ug/L			12/08/25 10:52	1
Bromobenzene	ND		1.00	0.540	ug/L			12/08/25 10:52	1
Bromoform	ND		5.00	0.250	ug/L			12/08/25 10:52	1
Bromomethane	ND		1.00	0.980	ug/L			12/08/25 10:52	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/08/25 10:52	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/08/25 10:52	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/08/25 10:52	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/08/25 10:52	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/08/25 10:52	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/08/25 10:52	1
Chloroethane	ND		1.00	0.760	ug/L			12/08/25 10:52	1
Chloroform	ND		1.00	0.900	ug/L			12/08/25 10:52	1
Chloromethane	ND		1.00	0.840	ug/L			12/08/25 10:52	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/08/25 10:52	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/08/25 10:52	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/08/25 10:52	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/08/25 10:52	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/08/25 10:52	1
Dibromomethane	ND		5.00	0.220	ug/L			12/08/25 10:52	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/08/25 10:52	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/08/25 10:52	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/08/25 10:52	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/08/25 10:52	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/08/25 10:52	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/08/25 10:52	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/08/25 10:52	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/08/25 10:52	1
Hexane	ND		1.00	0.960	ug/L			12/08/25 10:52	1
2-Hexanone	ND		25.0	9.10	ug/L			12/08/25 10:52	1
Iodomethane	ND		1.00	0.900	ug/L			12/08/25 10:52	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/08/25 10:52	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/08/25 10:52	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/08/25 10:52	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/08/25 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/08/25 10:52	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/08/25 10:52	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/08/25 10:52	1
Naphthalene	ND		5.00	3.00	ug/L			12/08/25 10:52	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/08/25 10:52	1
n-Heptane	ND		1.00	0.690	ug/L			12/08/25 10:52	1

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

Lab Sample ID: MB 400-732928/5
Matrix: Water
Analysis Batch: 732928

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			12/08/25 10:52	1
o-Xylene	ND		5.00	3.00	ug/L			12/08/25 10:52	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/08/25 10:52	1
Styrene	ND		1.00	1.00	ug/L			12/08/25 10:52	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/08/25 10:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/08/25 10:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/08/25 10:52	1
Toluene	ND		1.00	0.900	ug/L			12/08/25 10:52	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/08/25 10:52	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/08/25 10:52	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/08/25 10:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/08/25 10:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/08/25 10:52	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/08/25 10:52	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/08/25 10:52	1
Trichloroethene	ND		1.00	0.480	ug/L			12/08/25 10:52	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/08/25 10:52	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/08/25 10:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/08/25 10:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/08/25 10:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/08/25 10:52	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/08/25 10:52	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/08/25 10:52	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/08/25 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*56 - 136*		*12/08/25 10:52*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*12/08/25 10:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*		*12/08/25 10:52*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*12/08/25 10:52*	*1*

Lab Sample ID: LCS 400-732928/1003
Matrix: Water
Analysis Batch: 732928

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	258.8		ug/L		129	43 - 150
Benzene	50.0	51.17		ug/L		102	70 - 130
Bromobenzene	50.0	48.60		ug/L		97	70 - 132
Bromoform	50.0	46.96		ug/L		94	57 - 140
Bromomethane	50.0	40.48		ug/L		81	10 - 150
2-Butanone (MEK)	200	277.8		ug/L		139	61 - 145
Carbon disulfide	50.0	38.55		ug/L		77	61 - 137
Carbon tetrachloride	50.0	49.63		ug/L		99	61 - 137
Chlorobenzene	50.0	46.22		ug/L		92	70 - 130
Chlorobromomethane	50.0	41.76		ug/L		84	70 - 130
Chlorodibromomethane	50.0	45.33		ug/L		91	67 - 135

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

Lab Sample ID: LCS 400-732928/1003
Matrix: Water
Analysis Batch: 732928

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	50.64		ug/L		101	55 - 141
Chloroform	50.0	50.57		ug/L		101	69 - 130
Chloromethane	50.0	45.23		ug/L		90	58 - 137
2-Chlorotoluene	50.0	55.15		ug/L		110	70 - 130
4-Chlorotoluene	50.0	55.59		ug/L		111	70 - 130
cis-1,2-Dichloroethene	50.0	50.93		ug/L		102	68 - 130
cis-1,3-Dichloropropene	50.0	50.14		ug/L		100	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.84		ug/L		86	54 - 135
Dibromomethane	50.0	48.53		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	47.22		ug/L		94	67 - 130
1,3-Dichlorobenzene	50.0	50.57		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	49.08		ug/L		98	70 - 130
Dichlorobromomethane	50.0	51.69		ug/L		103	67 - 133
1,1-Dichloroethane	50.0	50.88		ug/L		102	70 - 130
1,2-Dichloroethane	50.0	50.71		ug/L		101	69 - 130
1,1-Dichloroethene	50.0	45.71		ug/L		91	63 - 134
1,2-Dichloropropane	50.0	53.38		ug/L		107	70 - 130
1,3-Dichloropropane	50.0	47.45		ug/L		95	70 - 130
2,2-Dichloropropane	50.0	48.52		ug/L		97	52 - 135
1,1-Dichloropropene	50.0	49.63		ug/L		99	70 - 130
Ethyl acetate	100	103.8		ug/L		104	34 - 150
Ethylbenzene	50.0	48.59		ug/L		97	70 - 130
Ethylene Dibromide	50.0	45.34		ug/L		91	70 - 130
Hexachlorobutadiene	50.0	58.30		ug/L		117	53 - 140
Hexane	50.0	43.15		ug/L		86	69 - 130
2-Hexanone	200	225.0		ug/L		112	65 - 137
Iodomethane	50.0	24.85		ug/L		50	27 - 150
Isopropylbenzene	50.0	49.26		ug/L		99	70 - 130
Isopropyl ether	50.0	55.76		ug/L		112	64 - 132
4-Isopropyltoluene	50.0	53.85		ug/L		108	65 - 130
Methylene Chloride	50.0	41.98		ug/L		84	66 - 135
4-Methyl-2-pentanone (MIBK)	200	213.0		ug/L		106	69 - 138
Methyl tert-butyl ether	50.0	47.05		ug/L		94	66 - 130
m-Xylene & p-Xylene	50.0	48.80		ug/L		98	70 - 130
Naphthalene	50.0	47.38		ug/L		95	47 - 149
n-Butylbenzene	50.0	56.83		ug/L		114	67 - 130
n-Heptane	50.0	46.44		ug/L		93	70 - 130
N-Propylbenzene	50.0	51.63		ug/L		103	70 - 130
o-Xylene	50.0	47.98		ug/L		96	70 - 130
sec-Butylbenzene	50.0	54.64		ug/L		109	66 - 130
Styrene	50.0	46.07		ug/L		92	70 - 130
tert-Butylbenzene	50.0	56.32		ug/L		113	64 - 139
1,1,1,2-Tetrachloroethane	50.0	47.16		ug/L		94	67 - 131
1,1,2,2-Tetrachloroethane	50.0	49.91		ug/L		100	70 - 131
Tetrachloroethene	50.0	42.52		ug/L		85	65 - 130
Toluene	50.0	44.58		ug/L		89	70 - 130
trans-1,4-Dichloro-2-butene	50.0	49.08		ug/L		98	57 - 140
trans-1,2-Dichloroethene	50.0	45.97		ug/L		92	70 - 130
trans-1,3-Dichloropropene	50.0	45.31		ug/L		91	63 - 130

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

Lab Sample ID: LCS 400-732928/1003
Matrix: Water
Analysis Batch: 732928

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	51.63		ug/L		103	60 - 138
1,2,4-Trichlorobenzene	50.0	49.95		ug/L		100	60 - 140
1,1,1-Trichloroethane	50.0	49.41		ug/L		99	68 - 130
1,1,2-Trichloroethane	50.0	46.76		ug/L		94	70 - 130
Trichloroethene	50.0	48.14		ug/L		96	70 - 130
Trichlorofluoromethane	50.0	45.63		ug/L		91	65 - 138
1,2,3-Trichloropropane	50.0	50.62		ug/L		101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.08		ug/L		92	60 - 139
1,2,4-Trimethylbenzene	50.0	53.80		ug/L		108	70 - 130
1,3,5-Trimethylbenzene	50.0	53.88		ug/L		108	69 - 130
Vinyl acetate	100	113.1		ug/L		113	26 - 150
Vinyl chloride	50.0	47.86		ug/L		96	59 - 136
Xylenes, Total	100	96.78		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*59 - 146*
Toluene-d8 (Surr)	*90*		*64 - 132*

Lab Sample ID: MB 400-733100/5
Matrix: Water
Analysis Batch: 733100

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			12/09/25 10:25	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 10:25	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 10:25	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 10:25	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 10:25	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 10:25	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 10:25	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 10:25	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 10:25	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 10:25	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 10:25	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 10:25	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 10:25	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 10:25	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 10:25	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 10:25	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 10:25	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 10:25	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 10:25	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 10:25	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 10:25	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 10:25	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 10:25	1

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

Lab Sample ID: MB 400-733100/5
Matrix: Water
Analysis Batch: 733100

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			12/09/25 10:25	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 10:25	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 10:25	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 10:25	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 10:25	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 10:25	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 10:25	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 10:25	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 10:25	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 10:25	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 10:25	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 10:25	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 10:25	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 10:25	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 10:25	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 10:25	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 10:25	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 10:25	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 10:25	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 10:25	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 10:25	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 10:25	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 10:25	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 10:25	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 10:25	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 10:25	1
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 10:25	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 10:25	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 10:25	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 10:25	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 10:25	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 10:25	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 10:25	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 10:25	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 10:25	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 10:25	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 10:25	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 10:25	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 10:25	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 10:25	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 10:25	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 10:25	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 10:25	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 10:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 10:25	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 10:25	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 10:25	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 10:25	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 10:25	1

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

Lab Sample ID: MB 400-733100/5
Matrix: Water
Analysis Batch: 733100

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			12/09/25 10:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*56 - 136*		*12/09/25 10:25*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*12/09/25 10:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*		*12/09/25 10:25*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*12/09/25 10:25*	*1*

Lab Sample ID: LCS 400-733100/1003
Matrix: Water
Analysis Batch: 733100

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	268.9		ug/L		134	43 - 150
Benzene	50.0	53.90		ug/L		108	70 - 130
Bromobenzene	50.0	47.54		ug/L		95	70 - 132
Bromoform	50.0	44.78		ug/L		90	57 - 140
Bromomethane	50.0	47.17		ug/L		94	10 - 150
2-Butanone (MEK)	200	279.9		ug/L		140	61 - 145
Carbon disulfide	50.0	39.28		ug/L		79	61 - 137
Carbon tetrachloride	50.0	51.13		ug/L		102	61 - 137
Chlorobenzene	50.0	47.20		ug/L		94	70 - 130
Chlorobromomethane	50.0	44.57		ug/L		89	70 - 130
Chlorodibromomethane	50.0	45.82		ug/L		92	67 - 135
Chloroethane	50.0	56.89		ug/L		114	55 - 141
Chloroform	50.0	54.44		ug/L		109	69 - 130
Chloromethane	50.0	46.06		ug/L		92	58 - 137
2-Chlorotoluene	50.0	54.73		ug/L		109	70 - 130
4-Chlorotoluene	50.0	55.50		ug/L		111	70 - 130
cis-1,2-Dichloroethene	50.0	52.95		ug/L		106	68 - 130
cis-1,3-Dichloropropene	50.0	51.04		ug/L		102	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	37.85		ug/L		76	54 - 135
Dibromomethane	50.0	50.18		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	47.84		ug/L		96	67 - 130
1,3-Dichlorobenzene	50.0	50.60		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	49.87		ug/L		100	70 - 130
Dichlorobromomethane	50.0	54.79		ug/L		110	67 - 133
1,1-Dichloroethane	50.0	53.87		ug/L		108	70 - 130
1,2-Dichloroethane	50.0	54.28		ug/L		109	69 - 130
1,1-Dichloroethene	50.0	45.83		ug/L		92	63 - 134
1,2-Dichloropropane	50.0	56.39		ug/L		113	70 - 130
1,3-Dichloropropane	50.0	48.68		ug/L		97	70 - 130
2,2-Dichloropropane	50.0	49.38		ug/L		99	52 - 135
1,1-Dichloropropene	50.0	50.19		ug/L		100	70 - 130
Ethyl acetate	100	101.2		ug/L		101	34 - 150
Ethylbenzene	50.0	49.83		ug/L		100	70 - 130
Ethylene Dibromide	50.0	45.76		ug/L		92	70 - 130
Hexachlorobutadiene	50.0	55.75		ug/L		111	53 - 140

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

Lab Sample ID: LCS 400-733100/1003
Matrix: Water
Analysis Batch: 733100

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	43.08		ug/L		86	69 - 130
2-Hexanone	200	230.0		ug/L		115	65 - 137
Iodomethane	50.0	21.15		ug/L		42	27 - 150
Isopropylbenzene	50.0	48.35		ug/L		97	70 - 130
Isopropyl ether	50.0	53.59		ug/L		107	64 - 132
4-Isopropyltoluene	50.0	53.15		ug/L		106	65 - 130
Methylene Chloride	50.0	45.17		ug/L		90	66 - 135
4-Methyl-2-pentanone (MIBK)	200	213.6		ug/L		107	69 - 138
Methyl tert-butyl ether	50.0	46.65		ug/L		93	66 - 130
m-Xylene & p-Xylene	50.0	49.14		ug/L		98	70 - 130
Naphthalene	50.0	40.96		ug/L		82	47 - 149
n-Butylbenzene	50.0	56.49		ug/L		113	67 - 130
n-Heptane	50.0	47.52		ug/L		95	70 - 130
N-Propylbenzene	50.0	49.89		ug/L		100	70 - 130
o-Xylene	50.0	48.95		ug/L		98	70 - 130
sec-Butylbenzene	50.0	53.58		ug/L		107	66 - 130
Styrene	50.0	47.33		ug/L		95	70 - 130
tert-Butylbenzene	50.0	55.45		ug/L		111	64 - 139
1,1,1,2-Tetrachloroethane	50.0	48.11		ug/L		96	67 - 131
1,1,2,2-Tetrachloroethane	50.0	49.53		ug/L		99	70 - 131
Tetrachloroethene	50.0	44.45		ug/L		89	65 - 130
Toluene	50.0	45.23		ug/L		90	70 - 130
trans-1,4-Dichloro-2-butene	50.0	48.02		ug/L		96	57 - 140
trans-1,2-Dichloroethene	50.0	47.64		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	45.40		ug/L		91	63 - 130
1,2,3-Trichlorobenzene	50.0	47.17		ug/L		94	60 - 138
1,2,4-Trichlorobenzene	50.0	46.64		ug/L		93	60 - 140
1,1,1-Trichloroethane	50.0	51.02		ug/L		102	68 - 130
1,1,2-Trichloroethane	50.0	48.09		ug/L		96	70 - 130
Trichloroethene	50.0	49.62		ug/L		99	70 - 130
Trichlorofluoromethane	50.0	49.72		ug/L		99	65 - 138
1,2,3-Trichloropropane	50.0	50.20		ug/L		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.52		ug/L		93	60 - 139
1,2,4-Trimethylbenzene	50.0	53.39		ug/L		107	70 - 130
1,3,5-Trimethylbenzene	50.0	53.02		ug/L		106	69 - 130
Vinyl acetate	100	114.5		ug/L		114	26 - 150
Vinyl chloride	50.0	49.91		ug/L		100	59 - 136
Xylenes, Total	100	98.09		ug/L		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*56 - 136*
Dibromofluoromethane	*99*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*
Toluene-d8 (Surr)	*88*		*64 - 132*

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

Lab Sample ID: 752-39724-8 MS
Matrix: Water
Analysis Batch: 733100

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
Acetone	ND	F2	200	139.4		ug/L		70	43 - 150
Benzene	ND	F1 F2	50.0	76.26	F1	ug/L		153	56 - 142
Bromobenzene	ND	F2	50.0	60.46		ug/L		121	59 - 136
Bromoform	ND	F2	50.0	60.13		ug/L		120	50 - 140
Bromomethane	ND		50.0	61.55		ug/L		123	10 - 150
2-Butanone (MEK)	ND	F2	200	217.9		ug/L		109	55 - 150
Carbon disulfide	ND	F2	50.0	57.62		ug/L		115	48 - 150
Carbon tetrachloride	ND	F2	50.0	72.65		ug/L		145	55 - 145
Chlorobenzene	ND	F2	50.0	64.67		ug/L		129	64 - 130
Chlorobromomethane	ND	F2	50.0	63.19		ug/L		126	64 - 140
Chlorodibromomethane	ND	F2	50.0	65.29		ug/L		131	56 - 143
Chloroethane	ND	F2	50.0	74.78		ug/L		150	50 - 150
Chloroform	ND	F1 F2	50.0	78.26	F1	ug/L		157	60 - 141
Chloromethane	ND	F2	50.0	62.98		ug/L		126	49 - 148
2-Chlorotoluene	ND	F2	50.0	66.06		ug/L		132	53 - 134
4-Chlorotoluene	ND	F1 F2	50.0	67.78	F1	ug/L		136	54 - 133
cis-1,2-Dichloroethene	ND	F1 F2	50.0	76.39	F1	ug/L		153	59 - 143
cis-1,3-Dichloropropene	ND	F1 F2	50.0	72.56	F1	ug/L		145	57 - 140
1,2-Dibromo-3-Chloropropane	ND	F2	50.0	53.61		ug/L		107	45 - 135
Dibromomethane	ND	F1 F2	50.0	71.80	F1	ug/L		144	63 - 138
1,2-Dichlorobenzene	ND	F2	50.0	63.80		ug/L		128	52 - 137
1,3-Dichlorobenzene	ND	F2	50.0	64.94		ug/L		130	54 - 135
1,4-Dichlorobenzene	ND	F2	50.0	64.49		ug/L		129	53 - 135
Dichlorobromomethane	ND	F1 F2	50.0	79.54	F1	ug/L		159	59 - 143
1,1-Dichloroethane	ND	F1 F2	50.0	77.09	F1	ug/L		154	61 - 144
1,2-Dichloroethane	ND	F1 F2	50.0	76.30	F1	ug/L		153	60 - 141
1,1-Dichloroethene	ND	F2	50.0	66.35		ug/L		133	54 - 147
1,2-Dichloropropane	ND	F1 F2	50.0	81.52	F1	ug/L		163	66 - 137
1,3-Dichloropropane	ND	F1 F2	50.0	68.67	F1	ug/L		137	66 - 133
2,2-Dichloropropane	ND	F2	50.0	71.88		ug/L		144	42 - 144
1,1-Dichloropropene	ND	F1 F2	50.0	71.94	F1	ug/L		144	65 - 136
Ethyl acetate	ND	F2	100	140.1		ug/L		140	34 - 150
Ethylbenzene	ND	F1 F2	50.0	66.76	F1	ug/L		134	58 - 131
Ethylene Dibromide	ND	F2	50.0	63.55		ug/L		127	64 - 132
Hexachlorobutadiene	ND	F2	50.0	60.76		ug/L		122	31 - 149
Hexane	ND	F2	50.0	60.37		ug/L		121	60 - 142
2-Hexanone	ND	F2	200	201.1		ug/L		101	65 - 140
Iodomethane	ND	F2	50.0	34.96		ug/L		70	20 - 150
Isopropylbenzene	ND	F2	50.0	63.98		ug/L		128	56 - 133
Isopropyl ether	ND	F1 F2	50.0	73.27	F1	ug/L		147	60 - 144
4-Isopropyltoluene	ND	F2	50.0	62.80		ug/L		126	48 - 139
Methylene Chloride	ND	F2	50.0	61.01		ug/L		122	60 - 146
4-Methyl-2-pentanone (MIBK)	ND	F2	200	280.6		ug/L		140	63 - 146
Methyl tert-butyl ether	ND	F2	50.0	65.56		ug/L		131	59 - 137
m-Xylene & p-Xylene	ND	F1 F2	50.0	65.77	F1	ug/L		132	57 - 130
Naphthalene	ND	F2	50.0	56.22		ug/L		112	25 - 150
n-Butylbenzene	ND	F2	50.0	64.54		ug/L		129	41 - 142
n-Heptane	ND	F2	50.0	66.96		ug/L		134	64 - 142

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

Lab Sample ID: 752-39724-8 MS
Matrix: Water
Analysis Batch: 733100

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
N-Propylbenzene	ND	F2	50.0	59.12		ug/L		118	51 - 138
o-Xylene	ND	F1 F2	50.0	66.82	F1	ug/L		134	61 - 130
sec-Butylbenzene	ND	F2	50.0	63.39		ug/L		127	50 - 138
Styrene	ND	F2	50.0	64.99		ug/L		130	58 - 131
tert-Butylbenzene	ND	F2	50.0	67.43		ug/L		135	54 - 146
1,1,1,2-Tetrachloroethane	ND	F2	50.0	67.68		ug/L		135	59 - 137
1,1,2,2-Tetrachloroethane	ND	F2	50.0	64.98		ug/L		130	66 - 135
Tetrachloroethene	ND	F2	50.0	54.22		ug/L		108	52 - 133
Toluene	ND	F2	50.0	63.28		ug/L		127	65 - 130
trans-1,4-Dichloro-2-butene	ND	F2	50.0	60.06		ug/L		120	43 - 147
trans-1,2-Dichloroethene	ND	F2	50.0	68.25		ug/L		137	61 - 143
trans-1,3-Dichloropropene	ND	F2	50.0	64.68		ug/L		129	53 - 133
1,2,3-Trichlorobenzene	ND	F2	50.0	59.87		ug/L		120	43 - 145
1,2,4-Trichlorobenzene	ND	F2	50.0	59.71		ug/L		119	39 - 148
1,1,1-Trichloroethane	ND	F1 F2	50.0	74.11	F1	ug/L		148	57 - 142
1,1,2-Trichloroethane	ND	F1 F2	50.0	67.37	F1	ug/L		135	66 - 131
Trichloroethene	ND	F1 F2	50.0	69.07	F1	ug/L		138	64 - 136
Trichlorofluoromethane	ND	F2	50.0	67.14		ug/L		134	54 - 150
1,2,3-Trichloropropane	ND	F2	50.0	64.98		ug/L		130	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	50.0	67.87		ug/L		136	55 - 150
1,2,4-Trimethylbenzene	ND	F2	50.0	65.21		ug/L		130	50 - 139
1,3,5-Trimethylbenzene	ND	F2	50.0	64.09		ug/L		128	52 - 135
Vinyl acetate	ND	F2	100	147.1		ug/L		147	26 - 150
Vinyl chloride	ND	F2	50.0	68.04		ug/L		136	46 - 150
Xylenes, Total	ND	F1 F2	100	132.6	F1	ug/L		133	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*56 - 136*
Dibromofluoromethane	*96*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*
Toluene-d8 (Surr)	*88*		*64 - 132*

Lab Sample ID: 752-39724-8 MSD
Matrix: Water
Analysis Batch: 733100

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
Acetone	ND	F2	200	97.22	F2	ug/L		49	43 - 150	36	30
Benzene	ND	F1 F2	50.0	48.91	F2	ug/L		98	56 - 142	44	30
Bromobenzene	ND	F2	50.0	37.38	F2	ug/L		75	59 - 136	47	30
Bromoform	ND	F2	50.0	38.07	F2	ug/L		76	50 - 140	45	30
Bromomethane	ND		50.0	39.52		ug/L		79	10 - 150	44	50
2-Butanone (MEK)	ND	F2	200	146.5	F2	ug/L		73	55 - 150	39	30
Carbon disulfide	ND	F2	50.0	37.31	F2	ug/L		75	48 - 150	43	30
Carbon tetrachloride	ND	F2	50.0	45.47	F2	ug/L		91	55 - 145	46	30
Chlorobenzene	ND	F2	50.0	39.30	F2	ug/L		79	64 - 130	49	30
Chlorobromomethane	ND	F2	50.0	42.21	F2	ug/L		84	64 - 140	40	30
Chlorodibromomethane	ND	F2	50.0	41.20	F2	ug/L		82	56 - 143	45	30

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

Lab Sample ID: 752-39724-8 MSD
Client Sample ID: MW-8
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733100

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	ND	F2	50.0	45.99	F2	ug/L		92	50 - 150	48	30
Chloroform	ND	F1 F2	50.0	50.81	F2	ug/L		102	60 - 141	43	30
Chloromethane	ND	F2	50.0	42.45	F2	ug/L		85	49 - 148	39	31
2-Chlorotoluene	ND	F2	50.0	38.99	F2	ug/L		78	53 - 134	52	30
4-Chlorotoluene	ND	F1 F2	50.0	39.40	F2	ug/L		79	54 - 133	53	30
cis-1,2-Dichloroethene	ND	F1 F2	50.0	49.17	F2	ug/L		98	59 - 143	43	30
cis-1,3-Dichloropropene	ND	F1 F2	50.0	46.85	F2	ug/L		94	57 - 140	43	30
1,2-Dibromo-3-Chloropropane	ND	F2	50.0	34.58	F2	ug/L		69	45 - 135	43	30
Dibromomethane	ND	F1 F2	50.0	46.25	F2	ug/L		93	63 - 138	43	30
1,2-Dichlorobenzene	ND	F2	50.0	39.01	F2	ug/L		78	52 - 137	48	30
1,3-Dichlorobenzene	ND	F2	50.0	37.95	F2	ug/L		76	54 - 135	52	30
1,4-Dichlorobenzene	ND	F2	50.0	38.08	F2	ug/L		76	53 - 135	51	30
Dichlorobromomethane	ND	F1 F2	50.0	49.97	F2	ug/L		100	59 - 143	46	30
1,1-Dichloroethane	ND	F1 F2	50.0	50.97	F2	ug/L		102	61 - 144	41	30
1,2-Dichloroethane	ND	F1 F2	50.0	50.56	F2	ug/L		101	60 - 141	41	30
1,1-Dichloroethene	ND	F2	50.0	43.13	F2	ug/L		86	54 - 147	42	30
1,2-Dichloropropane	ND	F1 F2	50.0	51.62	F2	ug/L		103	66 - 137	45	30
1,3-Dichloropropane	ND	F1 F2	50.0	44.88	F2	ug/L		90	66 - 133	42	30
2,2-Dichloropropane	ND	F2	50.0	46.13	F2	ug/L		92	42 - 144	44	31
1,1-Dichloropropene	ND	F1 F2	50.0	45.45	F2	ug/L		91	65 - 136	45	30
Ethyl acetate	ND	F2	100	92.21	F2	ug/L		92	34 - 150	41	30
Ethylbenzene	ND	F1 F2	50.0	38.94	F2	ug/L		78	58 - 131	53	30
Ethylene Dibromide	ND	F2	50.0	41.97	F2	ug/L		84	64 - 132	41	30
Hexachlorobutadiene	ND	F2	50.0	29.09	F2	ug/L		58	31 - 149	70	36
Hexane	ND	F2	50.0	39.00	F2	ug/L		78	60 - 142	43	30
2-Hexanone	ND	F2	200	133.9	F2	ug/L		67	65 - 140	40	30
Iodomethane	ND	F2	50.0	22.23	F2	ug/L		44	20 - 150	45	44
Isopropylbenzene	ND	F2	50.0	35.63	F2	ug/L		71	56 - 133	57	30
Isopropyl ether	ND	F1 F2	50.0	52.13	F2	ug/L		104	60 - 144	34	30
4-Isopropyltoluene	ND	F2	50.0	32.00	F2	ug/L		64	48 - 139	65	30
Methylene Chloride	ND	F2	50.0	40.61	F2	ug/L		81	60 - 146	40	32
4-Methyl-2-pentanone (MIBK)	ND	F2	200	188.4	F2	ug/L		94	63 - 146	39	30
Methyl tert-butyl ether	ND	F2	50.0	45.32	F2	ug/L		91	59 - 137	37	30
m-Xylene & p-Xylene	ND	F1 F2	50.0	38.04	F2	ug/L		76	57 - 130	53	30
Naphthalene	ND	F2	50.0	35.51	F2	ug/L		71	25 - 150	45	30
n-Butylbenzene	ND	F2	50.0	32.32	F2	ug/L		65	41 - 142	67	31
n-Heptane	ND	F2	50.0	39.79	F2	ug/L		80	64 - 142	51	30
N-Propylbenzene	ND	F2	50.0	32.90	F2	ug/L		66	51 - 138	57	30
o-Xylene	ND	F1 F2	50.0	39.26	F2	ug/L		79	61 - 130	52	30
sec-Butylbenzene	ND	F2	50.0	32.17	F2	ug/L		64	50 - 138	65	30
Styrene	ND	F2	50.0	38.39	F2	ug/L		77	58 - 131	51	30
tert-Butylbenzene	ND	F2	50.0	36.62	F2	ug/L		73	54 - 146	59	30
1,1,1,2-Tetrachloroethane	ND	F2	50.0	41.99	F2	ug/L		84	59 - 137	47	30
1,1,2,2-Tetrachloroethane	ND	F2	50.0	43.41	F2	ug/L		87	66 - 135	40	30
Tetrachloroethene	ND	F2	50.0	32.24	F2	ug/L		64	52 - 133	51	30
Toluene	ND	F2	50.0	39.38	F2	ug/L		79	65 - 130	47	30
trans-1,4-Dichloro-2-butene	ND	F2	50.0	38.47	F2	ug/L		77	43 - 147	44	36
trans-1,2-Dichloroethene	ND	F2	50.0	43.59	F2	ug/L		87	61 - 143	44	30
trans-1,3-Dichloropropene	ND	F2	50.0	41.53	F2	ug/L		83	53 - 133	44	30

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

Lab Sample ID: 752-39724-8 MSD
Client Sample ID: MW-8
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733100

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	38.35	F2	ug/L		77	43 - 145	44	30
1,2,4-Trichlorobenzene	ND	F2	50.0	35.03	F2	ug/L		70	39 - 148	52	30
1,1,1-Trichloroethane	ND	F1 F2	50.0	47.13	F2	ug/L		94	57 - 142	45	30
1,1,2-Trichloroethane	ND	F1 F2	50.0	45.22	F2	ug/L		90	66 - 131	39	30
Trichloroethene	ND	F1 F2	50.0	42.59	F2	ug/L		85	64 - 136	47	30
Trichlorofluoromethane	ND	F2	50.0	42.43	F2	ug/L		85	54 - 150	45	30
1,2,3-Trichloropropane	ND	F2	50.0	44.63	F2	ug/L		89	65 - 133	37	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	50.0	43.22	F2	ug/L		86	55 - 150	44	30
1,2,4-Trimethylbenzene	ND	F2	50.0	37.19	F2	ug/L		74	50 - 139	55	30
1,3,5-Trimethylbenzene	ND	F2	50.0	35.89	F2	ug/L		72	52 - 135	56	30
Vinyl acetate	ND	F2	100	96.98	F2	ug/L		97	26 - 150	41	33
Vinyl chloride	ND	F2	50.0	45.40	F2	ug/L		91	46 - 150	40	30
Xylenes, Total	ND	F1 F2	100	77.30	F2	ug/L		77	59 - 130	53	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*56 - 136*
Dibromofluoromethane	*99*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*
Toluene-d8 (Surr)	*91*		*64 - 132*

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

Lab Sample ID: MB 400-732632/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 732750
Prep Batch: 732632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.00	0.378	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,4,5-Trichlorophenol	ND		9.00	0.486	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,4,6-Trichlorophenol	ND		9.00	0.981	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,4-Dichlorophenol	ND		9.00	0.513	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,4-Dimethylphenol	ND		9.00	0.216	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,4-Dinitrophenol	ND		27.0	4.21	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,4-Dinitrotoluene	ND		9.00	0.585	ug/L		12/04/25 10:44	12/05/25 15:06	1
2,6-Dinitrotoluene	ND		9.00	0.261	ug/L		12/04/25 10:44	12/05/25 15:06	1
2-Chloronaphthalene	ND		9.00	0.342	ug/L		12/04/25 10:44	12/05/25 15:06	1
2-Chlorophenol	ND		9.00	0.756	ug/L		12/04/25 10:44	12/05/25 15:06	1
2-Methylnaphthalene	ND		9.00	0.729	ug/L		12/04/25 10:44	12/05/25 15:06	1
2-Methylphenol	ND		9.00	0.684	ug/L		12/04/25 10:44	12/05/25 15:06	1
2-Nitroaniline	ND		9.00	1.23	ug/L		12/04/25 10:44	12/05/25 15:06	1
2-Nitrophenol	ND		9.00	1.05	ug/L		12/04/25 10:44	12/05/25 15:06	1
3 & 4 Methylphenol	9.041	J	18.0	4.14	ug/L		12/04/25 10:44	12/05/25 15:06	1
3,3'-Dichlorobenzidine	ND		9.90	0.369	ug/L		12/04/25 10:44	12/05/25 15:06	1
3-Nitroaniline	ND		9.00	0.855	ug/L		12/04/25 10:44	12/05/25 15:06	1
4,6-Dinitro-2-methylphenol	ND		9.00	1.77	ug/L		12/04/25 10:44	12/05/25 15:06	1
4-Bromophenyl phenyl ether	ND		9.00	0.117	ug/L		12/04/25 10:44	12/05/25 15:06	1
4-Chloro-3-methylphenol	ND		9.00	0.657	ug/L		12/04/25 10:44	12/05/25 15:06	1
4-Chloroaniline	ND		9.00	0.522	ug/L		12/04/25 10:44	12/05/25 15:06	1

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

Lab Sample ID: MB 400-732632/1-A
Matrix: Water
Analysis Batch: 732750

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		9.00	0.216	ug/L		12/04/25 10:44	12/05/25 15:06	1
4-Nitroaniline	ND		9.00	3.15	ug/L		12/04/25 10:44	12/05/25 15:06	1
4-Nitrophenol	ND		9.00	2.47	ug/L		12/04/25 10:44	12/05/25 15:06	1
Acenaphthene	ND		9.00	0.567	ug/L		12/04/25 10:44	12/05/25 15:06	1
Acenaphthylene	ND		9.00	0.684	ug/L		12/04/25 10:44	12/05/25 15:06	1
Acetophenone	ND		9.00	2.88	ug/L		12/04/25 10:44	12/05/25 15:06	1
Anthracene	ND		9.00	0.819	ug/L		12/04/25 10:44	12/05/25 15:06	1
Atrazine	ND		9.00	1.02	ug/L		12/04/25 10:44	12/05/25 15:06	1
Benzaldehyde	ND		9.00	0.603	ug/L		12/04/25 10:44	12/05/25 15:06	1
Benzo[a]anthracene	ND		9.00	0.900	ug/L		12/04/25 10:44	12/05/25 15:06	1
Benzo[a]pyrene	ND		9.00	0.990	ug/L		12/04/25 10:44	12/05/25 15:06	1
Benzo[b]fluoranthene	ND		9.00	1.08	ug/L		12/04/25 10:44	12/05/25 15:06	1
Benzo[g,h,i]perylene	ND		9.00	1.35	ug/L		12/04/25 10:44	12/05/25 15:06	1
Benzo[k]fluoranthene	ND		9.00	1.35	ug/L		12/04/25 10:44	12/05/25 15:06	1
bis (2-chloroisopropyl) ether	ND		9.00	0.837	ug/L		12/04/25 10:44	12/05/25 15:06	1
Bis(2-chloroethoxy)methane	ND		9.00	0.306	ug/L		12/04/25 10:44	12/05/25 15:06	1
Bis(2-chloroethyl)ether	ND		9.00	0.657	ug/L		12/04/25 10:44	12/05/25 15:06	1
Bis(2-ethylhexyl) phthalate	ND		9.00	3.60	ug/L		12/04/25 10:44	12/05/25 15:06	1
Butyl benzyl phthalate	ND		9.00	3.60	ug/L		12/04/25 10:44	12/05/25 15:06	1
Caprolactam	ND		9.00	2.16	ug/L		12/04/25 10:44	12/05/25 15:06	1
Carbazole	ND		9.00	0.288	ug/L		12/04/25 10:44	12/05/25 15:06	1
Chrysene	ND		9.00	1.08	ug/L		12/04/25 10:44	12/05/25 15:06	1
Dibenz(a,h)anthracene	ND		9.00	1.17	ug/L		12/04/25 10:44	12/05/25 15:06	1
Dibenzofuran	ND		9.00	0.576	ug/L		12/04/25 10:44	12/05/25 15:06	1
Diethyl phthalate	ND		9.00	3.60	ug/L		12/04/25 10:44	12/05/25 15:06	1
Dimethyl phthalate	ND		9.00	3.60	ug/L		12/04/25 10:44	12/05/25 15:06	1
Di-n-butyl phthalate	ND		9.00	7.37	ug/L		12/04/25 10:44	12/05/25 15:06	1
Di-n-octyl phthalate	ND		9.00	3.60	ug/L		12/04/25 10:44	12/05/25 15:06	1
Fluoranthene	0.7694	J	9.00	0.567	ug/L		12/04/25 10:44	12/05/25 15:06	1
Fluorene	ND		9.00	0.603	ug/L		12/04/25 10:44	12/05/25 15:06	1
Hexachlorobenzene	ND		9.00	0.225	ug/L		12/04/25 10:44	12/05/25 15:06	1
Hexachlorobutadiene	ND		9.00	0.495	ug/L		12/04/25 10:44	12/05/25 15:06	1
Hexachlorocyclopentadiene	ND		18.0	0.288	ug/L		12/04/25 10:44	12/05/25 15:06	1
Hexachloroethane	ND		9.00	0.477	ug/L		12/04/25 10:44	12/05/25 15:06	1
Indeno[1,2,3-cd]pyrene	ND		9.00	0.990	ug/L		12/04/25 10:44	12/05/25 15:06	1
Isophorone	ND		9.00	0.720	ug/L		12/04/25 10:44	12/05/25 15:06	1
Naphthalene	ND		9.00	0.675	ug/L		12/04/25 10:44	12/05/25 15:06	1
Nitrobenzene	ND		9.00	0.540	ug/L		12/04/25 10:44	12/05/25 15:06	1
N-Nitrosodi-n-propylamine	ND		9.00	0.297	ug/L		12/04/25 10:44	12/05/25 15:06	1
N-Nitrosodiphenylamine	ND		9.00	0.171	ug/L		12/04/25 10:44	12/05/25 15:06	1
Pentachlorophenol	ND		9.00	2.52	ug/L		12/04/25 10:44	12/05/25 15:06	1
Phenanthrene	ND		9.00	0.666	ug/L		12/04/25 10:44	12/05/25 15:06	1
Phenol	3.145	J	9.00	0.612	ug/L		12/04/25 10:44	12/05/25 15:06	1
Pyrene	0.7040	J	9.00	0.567	ug/L		12/04/25 10:44	12/05/25 15:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*202*	*S1+*	*10 - 150*	*12/04/25 10:44*	*12/05/25 15:06*	*1*
2-Fluorobiphenyl (Surr)	*85*		*25 - 139*	*12/04/25 10:44*	*12/05/25 15:06*	*1*

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

Lab Sample ID: MB 400-732632/1-A
Matrix: Water
Analysis Batch: 732750

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732632

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	159	S1+	10 - 150	12/04/25 10:44	12/05/25 15:06	1
Nitrobenzene-d5 (Surr)	99		22 - 150	12/04/25 10:44	12/05/25 15:06	1
Phenol-d5 (Surr)	141		10 - 150	12/04/25 10:44	12/05/25 15:06	1
Terphenyl-d14 (Surr)	91		28 - 150	12/04/25 10:44	12/05/25 15:06	1

Lab Sample ID: LCS 400-732632/2-A
Matrix: Water
Analysis Batch: 732750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	30.0	27.02		ug/L		90	27 - 120
2,4,5-Trichlorophenol	30.0	28.92		ug/L		96	27 - 136
2,4,6-Trichlorophenol	30.0	28.30		ug/L		94	21 - 132
2,4-Dichlorophenol	30.0	26.49		ug/L		88	30 - 125
2,4-Dimethylphenol	30.0	21.81		ug/L		73	10 - 142
2,4-Dinitrophenol	60.0	31.72		ug/L		53	10 - 150
2,4-Dinitrotoluene	30.0	30.04		ug/L		100	30 - 129
2,6-Dinitrotoluene	30.0	31.37		ug/L		105	34 - 132
2-Chloronaphthalene	30.0	27.92		ug/L		93	10 - 150
2-Chlorophenol	30.0	27.30		ug/L		91	28 - 127
2-Methylnaphthalene	30.0	26.99		ug/L		90	24 - 150
2-Methylphenol	30.0	26.00		ug/L		87	11 - 121
2-Nitroaniline	30.0	32.95		ug/L		110	31 - 141
2-Nitrophenol	30.0	28.05		ug/L		93	31 - 142
3 & 4 Methylphenol	30.0	30.02		ug/L		100	10 - 150
3,3'-Dichlorobenzidine	60.0	59.76		ug/L		100	10 - 150
3-Nitroaniline	30.0	31.38		ug/L		105	33 - 136
4,6-Dinitro-2-methylphenol	60.0	43.05		ug/L		72	10 - 150
4-Bromophenyl phenyl ether	30.0	27.80		ug/L		93	24 - 120
4-Chloro-3-methylphenol	30.0	26.70		ug/L		89	10 - 137
4-Chloroaniline	30.0	30.37		ug/L		101	10 - 150
4-Chlorophenyl phenyl ether	30.0	28.70		ug/L		96	31 - 110
4-Nitroaniline	30.0	31.54		ug/L		105	37 - 139
4-Nitrophenol	60.0	52.19		ug/L		87	10 - 150
Acenaphthene	30.0	27.36		ug/L		91	29 - 150
Acenaphthylene	30.0	28.83		ug/L		96	30 - 150
Acetophenone	30.0	29.14		ug/L		97	27 - 119
Anthracene	30.0	29.24		ug/L		97	31 - 150
Atrazine	30.0	31.05		ug/L		103	10 - 150
Benzaldehyde	30.0	27.15		ug/L		90	10 - 150
Benzo[a]anthracene	30.0	28.81		ug/L		96	36 - 150
Benzo[a]pyrene	30.0	27.80		ug/L		93	29 - 150
Benzo[b]fluoranthene	30.0	30.16		ug/L		101	32 - 150
Benzo[g,h,i]perylene	30.0	25.25		ug/L		84	28 - 150
Benzo[k]fluoranthene	30.0	26.96		ug/L		90	30 - 150
bis (2-chloroisopropyl) ether	30.0	28.65		ug/L		96	32 - 115
Bis(2-chloroethoxy)methane	30.0	32.03		ug/L		107	34 - 120
Bis(2-chloroethyl)ether	30.0	29.80		ug/L		99	32 - 114

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

Lab Sample ID: LCS 400-732632/2-A
Matrix: Water
Analysis Batch: 732750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732632

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bis(2-ethylhexyl) phthalate			30.0	31.18		ug/L		104	24 - 133		
Butyl benzyl phthalate			30.0	31.84		ug/L		106	24 - 140		
Caprolactam			30.0	18.56		ug/L		62	10 - 150		
Carbazole			30.0	26.52		ug/L		88	28 - 123		
Chrysene			30.0	26.79		ug/L		89	34 - 150		
Dibenz(a,h)anthracene			30.0	24.67		ug/L		82	29 - 150		
Dibenzofuran			30.0	27.30		ug/L		91	35 - 110		
Diethyl phthalate			30.0	28.09		ug/L		94	31 - 118		
Dimethyl phthalate			30.0	27.68		ug/L		92	24 - 125		
Di-n-butyl phthalate			30.0	29.06		ug/L		97	30 - 127		
Di-n-octyl phthalate			30.0	32.26		ug/L		108	28 - 142		
Fluoranthene			30.0	28.70		ug/L		96	30 - 150		
Fluorene			30.0	27.69		ug/L		92	30 - 150		
Hexachlorobenzene			30.0	27.76		ug/L		93	29 - 113		
Hexachlorobutadiene			30.0	17.27		ug/L		58	10 - 117		
Hexachlorocyclopentadiene			30.0	13.52	J	ug/L		45	10 - 150		
Hexachloroethane			30.0	20.46		ug/L		68	10 - 112		
Indeno[1,2,3-cd]pyrene			30.0	24.15		ug/L		81	28 - 150		
Isophorone			30.0	32.40		ug/L		108	29 - 125		
Naphthalene			30.0	24.26		ug/L		81	27 - 150		
Nitrobenzene			30.0	31.04		ug/L		103	29 - 129		
N-Nitrosodi-n-propylamine			30.0	32.83		ug/L		109	50 - 134		
N-Nitrosodiphenylamine			29.8	28.41		ug/L		95	50 - 132		
Pentachlorophenol			60.0	50.24		ug/L		84	14 - 150		
Phenanthrene			30.0	28.08		ug/L		94	32 - 150		
Phenol			30.0	24.99		ug/L		83	10 - 150		
Pyrene			30.0	28.49		ug/L		95	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*115*		*10 - 150*
2-Fluorobiphenyl (Surr)	*100*		*25 - 139*
2-Fluorophenol (Surr)	*97*		*10 - 150*
Nitrobenzene-d5 (Surr)	*117*		*22 - 150*
Phenol-d5 (Surr)	*96*		*10 - 150*
Terphenyl-d14 (Surr)	*93*		*28 - 150*

Lab Sample ID: LCSD 400-732632/3-A
Matrix: Water
Analysis Batch: 732750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732632

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			30.0	26.75		ug/L		89	27 - 120	1	40
2,4,5-Trichlorophenol			30.0	29.30		ug/L		98	27 - 136	1	40
2,4,6-Trichlorophenol			30.0	28.50		ug/L		95	21 - 132	1	40
2,4-Dichlorophenol			30.0	26.33		ug/L		88	30 - 125	1	40
2,4-Dimethylphenol			30.0	22.74		ug/L		76	10 - 142	4	40
2,4-Dinitrophenol			60.0	32.34		ug/L		54	10 - 150	2	40
2,4-Dinitrotoluene			30.0	29.43		ug/L		98	30 - 129	2	40

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

Lab Sample ID: LCSD 400-732632/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 732750
Prep Batch: 732632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	30.0	30.48		ug/L		102	34 - 132	3	40
2-Chloronaphthalene	30.0	23.51		ug/L		78	10 - 150	17	40
2-Chlorophenol	30.0	26.56		ug/L		89	28 - 127	3	40
2-Methylnaphthalene	30.0	27.09		ug/L		90	24 - 150	0	40
2-Methylphenol	30.0	26.99		ug/L		90	11 - 121	4	40
2-Nitroaniline	30.0	32.38		ug/L		108	31 - 141	2	40
2-Nitrophenol	30.0	28.05		ug/L		93	31 - 142	0	40
3 & 4 Methylphenol	30.0	31.04		ug/L		103	10 - 150	3	40
3,3'-Dichlorobenzidine	60.0	49.13		ug/L		82	10 - 150	20	40
3-Nitroaniline	30.0	30.80		ug/L		103	33 - 136	2	40
4,6-Dinitro-2-methylphenol	60.0	44.65		ug/L		74	10 - 150	4	40
4-Bromophenyl phenyl ether	30.0	26.50		ug/L		88	24 - 120	5	40
4-Chloro-3-methylphenol	30.0	27.44		ug/L		91	10 - 137	3	40
4-Chloroaniline	30.0	29.71		ug/L		99	10 - 150	2	40
4-Chlorophenyl phenyl ether	30.0	26.93		ug/L		90	31 - 110	6	40
4-Nitroaniline	30.0	30.29		ug/L		101	37 - 139	4	40
4-Nitrophenol	60.0	61.86		ug/L		103	10 - 150	17	40
Acenaphthene	30.0	27.57		ug/L		92	29 - 150	1	40
Acenaphthylene	30.0	28.49		ug/L		95	30 - 150	1	40
Acetophenone	30.0	26.00		ug/L		87	27 - 119	11	40
Anthracene	30.0	27.49		ug/L		92	31 - 150	6	40
Atrazine	30.0	29.82		ug/L		99	10 - 150	4	40
Benzaldehyde	30.0	26.80		ug/L		89	10 - 150	1	40
Benzo[a]anthracene	30.0	27.43		ug/L		91	36 - 150	5	40
Benzo[a]pyrene	30.0	27.31		ug/L		91	29 - 150	2	40
Benzo[b]fluoranthene	30.0	28.48		ug/L		95	32 - 150	6	40
Benzo[g,h,i]perylene	30.0	25.22		ug/L		84	28 - 150	0	40
Benzo[k]fluoranthene	30.0	27.33		ug/L		91	30 - 150	1	40
bis (2-chloroisopropyl) ether	30.0	25.74		ug/L		86	32 - 115	11	40
Bis(2-chloroethoxy)methane	30.0	31.87		ug/L		106	34 - 120	0	40
Bis(2-chloroethyl)ether	30.0	28.46		ug/L		95	32 - 114	5	40
Bis(2-ethylhexyl) phthalate	30.0	30.57		ug/L		102	24 - 133	2	40
Butyl benzyl phthalate	30.0	30.21		ug/L		101	24 - 140	5	40
Caprolactam	30.0	22.97		ug/L		77	10 - 150	21	40
Carbazole	30.0	24.33		ug/L		81	28 - 123	9	40
Chrysene	30.0	25.97		ug/L		87	34 - 150	3	40
Dibenz(a,h)anthracene	30.0	24.60		ug/L		82	29 - 150	0	40
Dibenzofuran	30.0	25.67		ug/L		86	35 - 110	6	40
Diethyl phthalate	30.0	27.52		ug/L		92	31 - 118	2	40
Dimethyl phthalate	30.0	26.19		ug/L		87	24 - 125	5	40
Di-n-butyl phthalate	30.0	27.96		ug/L		93	30 - 127	4	40
Di-n-octyl phthalate	30.0	32.09		ug/L		107	28 - 142	1	40
Fluoranthene	30.0	27.63		ug/L		92	30 - 150	4	40
Fluorene	30.0	27.00		ug/L		90	30 - 150	3	40
Hexachlorobenzene	30.0	27.14		ug/L		90	29 - 113	2	40
Hexachlorobutadiene	30.0	17.08		ug/L		57	10 - 117	1	40
Hexachlorocyclopentadiene	30.0	13.72	J	ug/L		46	10 - 150	2	40
Hexachloroethane	30.0	18.17		ug/L		61	10 - 112	12	40
Indeno[1,2,3-cd]pyrene	30.0	24.06		ug/L		80	28 - 150	0	40

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

Lab Sample ID: LCSD 400-732632/3-A
Matrix: Water
Analysis Batch: 732750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732632

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone			30.0	28.90		ug/L		96	29 - 125	11	40
Naphthalene			30.0	23.10		ug/L		77	27 - 150	5	40
Nitrobenzene			30.0	28.46		ug/L		95	29 - 129	9	40
N-Nitrosodi-n-propylamine			30.0	31.58		ug/L		105	50 - 134	4	40
N-Nitrosodiphenylamine			29.8	26.41		ug/L		89	50 - 132	7	40
Pentachlorophenol			60.0	50.24		ug/L		84	14 - 150	0	40
Phenanthrene			30.0	26.38		ug/L		88	32 - 150	6	40
Phenol			30.0	32.67		ug/L		109	10 - 150	27	40
Pyrene			30.0	27.33		ug/L		91	30 - 150	4	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 150*
2-Fluorobiphenyl (Surr)	*90*		*25 - 139*
2-Fluorophenol (Surr)	*108*		*10 - 150*
Nitrobenzene-d5 (Surr)	*104*		*22 - 150*
Phenol-d5 (Surr)	*131*		*10 - 150*
Terphenyl-d14 (Surr)	*103*		*28 - 150*

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

Lab Sample ID: MB 400-732681/1-A
Matrix: Water
Analysis Batch: 732822

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/04/25 14:13	12/05/25 14:31	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*12/04/25 14:13*	*12/05/25 14:31*	*1*

Lab Sample ID: LCS 400-732681/2-A
Matrix: Water
Analysis Batch: 732822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732681

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	19.02		ug/L		119	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*22*		*10 - 140*

Lab Sample ID: LCSD 400-732681/3-A
Matrix: Water
Analysis Batch: 732822

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732681

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	18.49		ug/L		116	30 - 150	3	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*23*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-99081/1-A
Matrix: Water
Analysis Batch: 99740

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 99081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/04/25 07:48	12/05/25 22:31	1
Arsenic	ND		5.00	1.32	ug/L		12/04/25 07:48	12/05/25 22:31	1
Barium	ND		10.0	0.410	ug/L		12/04/25 07:48	12/05/25 22:31	1
Beryllium	ND		1.00	0.147	ug/L		12/04/25 07:48	12/05/25 22:31	1
Cadmium	ND		0.700	0.237	ug/L		12/04/25 07:48	12/05/25 22:31	1
Chromium	ND		5.00	3.69	ug/L		12/04/25 07:48	12/05/25 22:31	1
Cobalt	ND		5.00	0.411	ug/L		12/04/25 07:48	12/05/25 22:31	1
Copper	ND		2.00	0.642	ug/L		12/04/25 07:48	12/05/25 22:31	1
Lead	ND		1.00	0.864	ug/L		12/04/25 07:48	12/05/25 22:31	1
Manganese	ND		5.00	1.29	ug/L		12/04/25 07:48	12/05/25 22:31	1
Nickel	ND		5.00	0.422	ug/L		12/04/25 07:48	12/05/25 22:31	1
Selenium	ND		5.00	2.29	ug/L		12/04/25 07:48	12/05/25 22:31	1
Silver	ND		1.00	0.167	ug/L		12/04/25 07:48	12/05/25 22:31	1
Thallium	ND		1.00	0.190	ug/L		12/04/25 07:48	12/05/25 22:31	1
Vanadium	ND		5.00	1.22	ug/L		12/04/25 07:48	12/05/25 22:31	1
Zinc	ND		10.0	8.91	ug/L		12/04/25 07:48	12/05/25 22:31	1

Lab Sample ID: LCS 705-99081/2-A
Matrix: Water
Analysis Batch: 99740

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	97.60		ug/L		98	80 - 120
Arsenic	100	101.8		ug/L		102	80 - 120
Barium	100	94.52		ug/L		95	80 - 120
Beryllium	100	103.9		ug/L		104	80 - 120
Cadmium	100	98.54		ug/L		99	80 - 120
Chromium	100	100.9		ug/L		101	80 - 120
Cobalt	100	103.0		ug/L		103	80 - 120
Copper	100	104.8		ug/L		105	80 - 120
Lead	100	105.7		ug/L		106	80 - 120
Manganese	100	101.1		ug/L		101	80 - 120
Nickel	100	102.7		ug/L		103	80 - 120
Selenium	100	100.9		ug/L		101	80 - 120
Silver	10.0	10.25		ug/L		103	80 - 120
Thallium	100	106.7		ug/L		107	80 - 120
Vanadium	100	101.9		ug/L		102	80 - 120
Zinc	100	101.9		ug/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-99915/1-A
Matrix: Water
Analysis Batch: 100368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 19:59	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-99915/2-A
Matrix: Water
Analysis Batch: 100368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			4.00	4.061		ug/L		102	80 - 120		

Lab Sample ID: 752-39724-1 MS
Matrix: Water
Analysis Batch: 100368

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 99915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		4.00	4.064		ug/L		102	75 - 125		

Lab Sample ID: 752-39724-1 MSD
Matrix: Water
Analysis Batch: 100368

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 99915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	4.063		ug/L		102	75 - 125	0	20

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887553/13
Matrix: Water
Analysis Batch: 887553

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			12/08/25 10:03	1

Lab Sample ID: MB 680-887553/54
Matrix: Water
Analysis Batch: 887553

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			12/08/25 12:22	1

Lab Sample ID: LCS 680-887553/14
Matrix: Water
Analysis Batch: 887553

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	0.9994		mg/L		100	90 - 110		

Lab Sample ID: LCS 680-887553/55
Matrix: Water
Analysis Batch: 887553

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	1.009		mg/L		101	90 - 110		

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-39724-2 MS
Matrix: Water
Analysis Batch: 887553

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
Ammonia	ND		1.00	0.9785		mg/L		98	90 - 110

Lab Sample ID: 752-39724-2 MSD
Matrix: Water
Analysis Batch: 887553

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
Ammonia	ND		1.00	0.9827		mg/L		98	90 - 110	0	30

Lab Sample ID: 752-39724-7 MS
Matrix: Water
Analysis Batch: 887553

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	0.9838		mg/L		98	90 - 110

Lab Sample ID: 752-39724-7 MSD
Matrix: Water
Analysis Batch: 887553

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	1.025		mg/L		102	90 - 110	4	30

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

Lab Sample ID: MB 680-887502/12
Matrix: Water
Analysis Batch: 887502

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			12/04/25 14:44	1

Lab Sample ID: LCS 680-887502/13
Matrix: Water
Analysis Batch: 887502

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	0.9050		mg/L		91	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-732846/12
Matrix: Water
Analysis Batch: 732846

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			12/05/25 14:22	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-732846/13
Matrix: Water
Analysis Batch: 732846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.19		mg/L		101	90 - 110

Lab Sample ID: MRL 400-732846/14
Matrix: Water
Analysis Batch: 732846

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.881	J	mg/L		98	50 - 150

Lab Sample ID: 752-39724-7 MS
Matrix: Water
Analysis Batch: 732846

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	111	F1	50.0	132.9	F1	mg/L		43	77 - 128

Lab Sample ID: 752-39724-7 MSD
Matrix: Water
Analysis Batch: 732846

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	111	F1	50.0	129.2	F1	mg/L		36	77 - 128	3	5

GC/MS VOA

Analysis Batch: 732928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	8260D	
752-39724-2	MW-2	Total/NA	Water	8260D	
752-39724-3	MW-3	Total/NA	Water	8260D	
752-39724-4	MW-4	Total/NA	Water	8260D	
752-39724-5	MW-5	Total/NA	Water	8260D	
752-39724-6	MW-6	Total/NA	Water	8260D	
752-39724-7	MW-7	Total/NA	Water	8260D	
752-39724-9	MW-9	Total/NA	Water	8260D	
752-39724-10	120125-Dup-1	Total/NA	Water	8260D	
752-39724-11	Trip Blank	Total/NA	Water	8260D	
MB 400-732928/5	Method Blank	Total/NA	Water	8260D	
LCS 400-732928/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 733100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-8	MW-8	Total/NA	Water	8260D	
MB 400-733100/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733100/1003	Lab Control Sample	Total/NA	Water	8260D	
752-39724-8 MS	MW-8	Total/NA	Water	8260D	
752-39724-8 MSD	MW-8	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 732632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	3511	
752-39724-2	MW-2	Total/NA	Water	3511	
752-39724-3	MW-3	Total/NA	Water	3511	
752-39724-4	MW-4	Total/NA	Water	3511	
752-39724-5	MW-5	Total/NA	Water	3511	
752-39724-6	MW-6	Total/NA	Water	3511	
752-39724-7	MW-7	Total/NA	Water	3511	
752-39724-8	MW-8	Total/NA	Water	3511	
752-39724-9	MW-9	Total/NA	Water	3511	
752-39724-10	120125-Dup-1	Total/NA	Water	3511	
MB 400-732632/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-732632/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-732632/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 732681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	3510C	
752-39724-2	MW-2	Total/NA	Water	3510C	
752-39724-3	MW-3	Total/NA	Water	3510C	
752-39724-4	MW-4	Total/NA	Water	3510C	
752-39724-5	MW-5	Total/NA	Water	3510C	
752-39724-6	MW-6	Total/NA	Water	3510C	
752-39724-7	MW-7	Total/NA	Water	3510C	
752-39724-8	MW-8	Total/NA	Water	3510C	
752-39724-9	MW-9	Total/NA	Water	3510C	
752-39724-10	120125-Dup-1	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 732681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-732681/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-732681/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-732681/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 732750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	8270E	732632
752-39724-2	MW-2	Total/NA	Water	8270E	732632
752-39724-3	MW-3	Total/NA	Water	8270E	732632
752-39724-4	MW-4	Total/NA	Water	8270E	732632
752-39724-5	MW-5	Total/NA	Water	8270E	732632
752-39724-6	MW-6	Total/NA	Water	8270E	732632
752-39724-7	MW-7	Total/NA	Water	8270E	732632
MB 400-732632/1-A	Method Blank	Total/NA	Water	8270E	732632
LCS 400-732632/2-A	Lab Control Sample	Total/NA	Water	8270E	732632
LCSD 400-732632/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	732632

Analysis Batch: 732822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	8270E SIM ID	732681
752-39724-2	MW-2	Total/NA	Water	8270E SIM ID	732681
752-39724-3	MW-3	Total/NA	Water	8270E SIM ID	732681
752-39724-4	MW-4	Total/NA	Water	8270E SIM ID	732681
752-39724-5	MW-5	Total/NA	Water	8270E SIM ID	732681
752-39724-6	MW-6	Total/NA	Water	8270E SIM ID	732681
752-39724-7	MW-7	Total/NA	Water	8270E SIM ID	732681
752-39724-8	MW-8	Total/NA	Water	8270E SIM ID	732681
752-39724-9	MW-9	Total/NA	Water	8270E SIM ID	732681
752-39724-10	120125-Dup-1	Total/NA	Water	8270E SIM ID	732681
MB 400-732681/1-A	Method Blank	Total/NA	Water	8270E SIM ID	732681
LCS 400-732681/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	732681
LCSD 400-732681/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	732681

Analysis Batch: 732949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-8	MW-8	Total/NA	Water	8270E	732632
752-39724-9	MW-9	Total/NA	Water	8270E	732632
752-39724-10	120125-Dup-1	Total/NA	Water	8270E	732632

Metals

Prep Batch: 99081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total Recoverable	Water	3005A	
752-39724-2	MW-2	Total Recoverable	Water	3005A	
752-39724-3	MW-3	Total Recoverable	Water	3005A	
752-39724-4	MW-4	Total Recoverable	Water	3005A	
752-39724-5	MW-5	Total Recoverable	Water	3005A	
752-39724-6	MW-6	Total Recoverable	Water	3005A	
752-39724-7	MW-7	Total Recoverable	Water	3005A	
752-39724-8	MW-8	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 99081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-9	MW-9	Total Recoverable	Water	3005A	
752-39724-10	120125-Dup-1	Total Recoverable	Water	3005A	
MB 705-99081/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-99081/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 99740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total Recoverable	Water	6020B	99081
752-39724-2	MW-2	Total Recoverable	Water	6020B	99081
752-39724-3	MW-3	Total Recoverable	Water	6020B	99081
752-39724-4	MW-4	Total Recoverable	Water	6020B	99081
752-39724-5	MW-5	Total Recoverable	Water	6020B	99081
752-39724-6	MW-6	Total Recoverable	Water	6020B	99081
752-39724-7	MW-7	Total Recoverable	Water	6020B	99081
752-39724-8	MW-8	Total Recoverable	Water	6020B	99081
752-39724-9	MW-9	Total Recoverable	Water	6020B	99081
752-39724-10	120125-Dup-1	Total Recoverable	Water	6020B	99081
MB 705-99081/1-A	Method Blank	Total Recoverable	Water	6020B	99081
LCS 705-99081/2-A	Lab Control Sample	Total Recoverable	Water	6020B	99081

Prep Batch: 99915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	7470A	
752-39724-2	MW-2	Total/NA	Water	7470A	
752-39724-3	MW-3	Total/NA	Water	7470A	
752-39724-4	MW-4	Total/NA	Water	7470A	
752-39724-5	MW-5	Total/NA	Water	7470A	
752-39724-6	MW-6	Total/NA	Water	7470A	
752-39724-7	MW-7	Total/NA	Water	7470A	
752-39724-8	MW-8	Total/NA	Water	7470A	
752-39724-9	MW-9	Total/NA	Water	7470A	
752-39724-10	120125-Dup-1	Total/NA	Water	7470A	
MB 705-99915/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-99915/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-39724-1 MS	MW-1	Total/NA	Water	7470A	
752-39724-1 MSD	MW-1	Total/NA	Water	7470A	

Analysis Batch: 100368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	7470A	99915
752-39724-2	MW-2	Total/NA	Water	7470A	99915
752-39724-3	MW-3	Total/NA	Water	7470A	99915
752-39724-4	MW-4	Total/NA	Water	7470A	99915
752-39724-5	MW-5	Total/NA	Water	7470A	99915
752-39724-6	MW-6	Total/NA	Water	7470A	99915
752-39724-7	MW-7	Total/NA	Water	7470A	99915
752-39724-8	MW-8	Total/NA	Water	7470A	99915
752-39724-9	MW-9	Total/NA	Water	7470A	99915
752-39724-10	120125-Dup-1	Total/NA	Water	7470A	99915
MB 705-99915/1-A	Method Blank	Total/NA	Water	7470A	99915
LCS 705-99915/2-A	Lab Control Sample	Total/NA	Water	7470A	99915

Metals (Continued)

Analysis Batch: 100368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1 MS	MW-1	Total/NA	Water	7470A	99915
752-39724-1 MSD	MW-1	Total/NA	Water	7470A	99915

General Chemistry

Analysis Batch: 732846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39724-2	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39724-3	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-39724-4	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-39724-5	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-39724-6	MW-6	Total/NA	Water	SM 4500 SO4 E	
752-39724-7	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39724-8	MW-8	Total/NA	Water	SM 4500 SO4 E	
752-39724-9	MW-9	Total/NA	Water	SM 4500 SO4 E	
752-39724-10	120125-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-732846/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-732846/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-732846/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-39724-7 MS	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39724-7 MSD	MW-7	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-39724-2	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-39724-3	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-39724-4	MW-4	Total/NA	Water	353.2-1993 R2.0	
752-39724-5	MW-5	Total/NA	Water	353.2-1993 R2.0	
752-39724-6	MW-6	Total/NA	Water	353.2-1993 R2.0	
752-39724-7	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-39724-8	MW-8	Total/NA	Water	353.2-1993 R2.0	
752-39724-9	MW-9	Total/NA	Water	353.2-1993 R2.0	
752-39724-10	120125-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887502/12	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887502/13	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	Nitrate by calc	
752-39724-2	MW-2	Total/NA	Water	Nitrate by calc	
752-39724-3	MW-3	Total/NA	Water	Nitrate by calc	
752-39724-4	MW-4	Total/NA	Water	Nitrate by calc	
752-39724-5	MW-5	Total/NA	Water	Nitrate by calc	
752-39724-6	MW-6	Total/NA	Water	Nitrate by calc	
752-39724-7	MW-7	Total/NA	Water	Nitrate by calc	
752-39724-8	MW-8	Total/NA	Water	Nitrate by calc	
752-39724-9	MW-9	Total/NA	Water	Nitrate by calc	
752-39724-10	120125-Dup-1	Total/NA	Water	Nitrate by calc	

QC Association Summary

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

Job ID: 752-39724-1

General Chemistry

Analysis Batch: 887553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39724-1	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39724-2	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39724-3	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39724-4	MW-4	Total/NA	Water	350.1-1993 R2.0	
752-39724-5	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-39724-6	MW-6	Total/NA	Water	350.1-1993 R2.0	
752-39724-7	MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39724-8	MW-8	Total/NA	Water	350.1-1993 R2.0	
752-39724-9	MW-9	Total/NA	Water	350.1-1993 R2.0	
752-39724-10	120125-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887553/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887553/54	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887553/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887553/55	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-39724-2 MS	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39724-2 MSD	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39724-7 MS	MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39724-7 MSD	MW-7	Total/NA	Water	350.1-1993 R2.0	

Lab Chronicle

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

Job ID: 752-39724-1

Client Sample ID: MW-1

Lab Sample ID: 752-39724-1

Date Collected: 12/01/25 10:55

Matrix: Water

Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 16:09
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/05/25 21:44
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 15:34
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/05/25 23:42
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:07
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 11:04
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:24
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:27

Client Sample ID: MW-2

Lab Sample ID: 752-39724-2

Date Collected: 12/01/25 11:45

Matrix: Water

Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 16:34
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/05/25 22:17
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 15:56
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/05/25 23:45
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:19
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 10:46
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:22
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:27

Client Sample ID: MW-3

Lab Sample ID: 752-39724-3

Date Collected: 12/01/25 12:25

Matrix: Water

Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 16:59
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/05/25 22:50
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 16:17

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39724-1
Project/Site: Walltown Park

Client Sample ID: MW-3
Lab Sample ID: 752-39724-3
Date Collected: 12/01/25 12:25
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/05/25 23:48
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:23
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 10:54
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:20
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:28

Client Sample ID: MW-4
Lab Sample ID: 752-39724-4
Date Collected: 12/01/25 13:00
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 17:24
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/05/25 23:22
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 16:38
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/05/25 23:50
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:27
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 10:56
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:18
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:28

Client Sample ID: MW-5
Lab Sample ID: 752-39724-5
Date Collected: 12/01/25 13:55
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 17:49
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/05/25 23:55
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 16:59
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/05/25 23:53
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:31
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 10:59
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:16

Lab Chronicle

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

Job ID: 752-39724-1

Client Sample ID: MW-5

Lab Sample ID: 752-39724-5

Date Collected: 12/01/25 13:55

Matrix: Water

Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		2	732846	CJK	EET PEN	12/05/25 14:47

Client Sample ID: MW-6

Lab Sample ID: 752-39724-6

Date Collected: 12/01/25 14:35

Matrix: Water

Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 18:14
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/06/25 00:27
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 17:21
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/05/25 23:55
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:35
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 11:02
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:11
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		10	732846	CJK	EET PEN	12/05/25 15:02

Client Sample ID: MW-7

Lab Sample ID: 752-39724-7

Date Collected: 12/01/25 15:15

Matrix: Water

Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 18:40
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732750	JAW	EET PEN	12/06/25 00:59
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 17:42
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/06/25 00:32
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:50
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 12:06
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:09
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		5	732846	CJK	EET PEN	12/05/25 15:02

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39724-1
Project/Site: Walltown Park

Client Sample ID: MW-8
Lab Sample ID: 752-39724-8
Date Collected: 12/01/25 15:15
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733100	RSG	EET PEN	12/09/25 11:33
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732949	JAW	EET PEN	12/08/25 22:26
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 18:03
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/06/25 00:34
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:54
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 12:14
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:07
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:32

Client Sample ID: MW-9
Lab Sample ID: 752-39724-9
Date Collected: 12/01/25 16:00
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 19:29
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732949	JAW	EET PEN	12/08/25 22:57
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 18:24
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/06/25 00:37
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 20:58
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 12:27
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:05
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:33

Client Sample ID: 120125-Dup-1
Lab Sample ID: 752-39724-10
Date Collected: 12/01/25 00:00
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 19:54
Total/NA	Prep	3511			732632	HG	EET PEN	12/05/25 05:44
Total/NA	Analysis	8270E		1	732949	JAW	EET PEN	12/08/25 23:29
Total/NA	Prep	3510C			732681	STC	EET PEN	12/04/25 14:13
Total/NA	Analysis	8270E SIM ID		1	732822	VC1	EET PEN	12/05/25 18:45

Lab Chronicle

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

Job ID: 752-39724-1

Client Sample ID: 120125-Dup-1

Lab Sample ID: 752-39724-10

Date Collected: 12/01/25 00:00
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			99081	SA	EET ATL	12/04/25 07:48
Total Recoverable	Analysis	6020B		1	99740	TT	EET ATL	12/06/25 00:39
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:02
Total/NA	Analysis	350.1-1993 R2.0		1	887553	DJ	EET SAV	12/08/25 12:30
Total/NA	Analysis	353.2-1993 R2.0		1	887502	NVF	EET SAV	12/04/25 15:04
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732846	CJK	EET PEN	12/05/25 14:33

Client Sample ID: Trip Blank

Lab Sample ID: 752-39724-11

Date Collected: 12/01/25 00:00
Matrix: Water
Date Received: 12/02/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	732928	RSG	EET PEN	12/08/25 20:19

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 SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-39724-1
Project/Site: Walltown Park

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
Project/Site: Walltown Park

Job ID: 752-39724-1

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
353.2-1993 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:

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 SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 752-39724-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-39724-1	MW-1	Water	12/01/25 10:55	12/02/25 08:20	North Carolina
752-39724-2	MW-2	Water	12/01/25 11:45	12/02/25 08:20	North Carolina
752-39724-3	MW-3	Water	12/01/25 12:25	12/02/25 08:20	North Carolina
752-39724-4	MW-4	Water	12/01/25 13:00	12/02/25 08:20	North Carolina
752-39724-5	MW-5	Water	12/01/25 13:55	12/02/25 08:20	North Carolina
752-39724-6	MW-6	Water	12/01/25 14:35	12/02/25 08:20	North Carolina
752-39724-7	MW-7	Water	12/01/25 15:15	12/02/25 08:20	North Carolina
752-39724-8	MW-8	Water	12/01/25 15:15	12/02/25 08:20	North Carolina
752-39724-9	MW-9	Water	12/01/25 16:00	12/02/25 08:20	North Carolina
752-39724-10	120125-Dup-1	Water	12/01/25 00:00	12/02/25 08:20	North Carolina
752-39724-11	Trip Blank	Water	12/01/25 00:00	12/02/25 08:20	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170286-59891.1
Client Contact: Jerry Paul	Phone: (536) 337-7897	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BL			
Email: jpaul@smeinc.com	WO #:			
Project Name: Walltown Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-39724 COC

Other:

NCDEQ EQuIS EDD

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 (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N		
MW-1	12/1/25	1055	G	W			X	X	X	X	X	X	X		
MW-2		1145					X	X	X	X	X	X	X		
MW-3		1225					X	X	X	X	X	X	X		
MW-4		1300					X	X	X	X	X	X	X		
MW-5		1355					X	X	X	X	X	X	X		
MW-6		1435					X	X	X	X	X	X	X		
MW-7		1515					X	X	X	X	X	X	X		
MW-8		1515					X	X	X	X	X	X	X		
MW-9		1600					X	X	X	X	X	X	X		
120125-DUP-1		—					X	X	X	X	X	X	X		
TRIP BLANKS	—	—	—	—											

Initial Temperature: 18 2.0 °C
Correction Factor: -0.2°C
Corrected Temperature: 16 1.8 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/1/25 1730	SAME		12/2/25 820	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No.: 752-7396 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 #: 752-39724-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/10/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	8260D/5030CVOC NC 02L List	SM4500_SO4_ESulfate, Total									Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
MW-1 (752-39724-1)	12/1/25	10 55 Eastern	G	Water			X	X	X	X									10	
MW-2 (752-39724-2)	12/1/25	11 45 Eastern	G	Water			X	X	X	X									10	
MW-3 (752-39724-3)	12/1/25	12.25 Eastern	G	Water			X	X	X	X									10	
MW-4 (752-39724-4)	12/1/25	13 00 Eastern	G	Water			X	X	X	X									10	
MW-5 (752-39724-5)	12/1/25	13 55 Eastern	G	Water			X	X	X	X									10	
MW-6 (752-39724-6)	12/1/25	14 35 Eastern	G	Water			X	X	X	X									10	
MW-7 (752-39724-7)	12/1/25	15 15 Eastern	G	Water			X	X	X	X									10	
MW-8 (752-39724-8)	12/1/25	15 15 Eastern	G	Water			X	X	X	X									10	
MW-9 (752-39724-9)	12/1/25	16 00 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	12/1/25 1550			12/03/25 940	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 1.1°C IR14	0.0°C IR11

Ver 10/10/2024

12/11/2025

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: 752-7396.2
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 #: 752-39724-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/10/2025			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: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	8260D/5030CVOC NC 02L List	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
Preservation Code:												
120125-Dup-1 (752-39724-10)	12/1/25	Eastern	G	Water			X	X	X	X	10	
Trip Blank (752-39724-11)	12/1/25	10 55 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: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/2/25 1550			12/03/25/940	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: 1.1°C IR4 0.00°C IR11

Ver 10/10/2024

12/11/2025

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: 752-7397.1
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 #: 752-39724-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 12/10/2025			
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: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-1 (752-39724-1)	12/1/25	10:55 Eastern	G	Water			X	X	X	1	
MW-2 (752-39724-2)	12/1/25	11:45 Eastern	G	Water			X	X	X	1	
MW-3 (752-39724-3)	12/1/25	12:25 Eastern	G	Water			X	X	X	1	
MW-4 (752-39724-4)	12/1/25	13:00 Eastern	G	Water			X	X	X	1	
MW-5 (752-39724-5)	12/1/25	13:55 Eastern	G	Water			X	X	X	1	
MW-6 (752-39724-6)	12/1/25	14:35 Eastern	G	Water			X	X	X	1	
MW-7 (752-39724-7)	12/1/25	15:15 Eastern	G	Water			X	X	X	1	
MW-8 (752-39724-8)	12/1/25	15:15 Eastern	G	Water			X	X	X	1	
MW-9 (752-39724-9)	12/1/25	16:00 Eastern	G	Water			X	X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PB	12/2/25 15:45			12/3/25 1020	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9/3.0

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: 752-7397.2
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 #: 752-39724-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/10/2025			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: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
120125-Dup-1 (752-39724-10)	12/1/25	Eastern	G	Water			X	X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PG	12/2/25 15:45			12/3/25 1020	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9/3.6

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: 752-7392.1
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 #: 752-39724-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/10/2025			
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: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-1 (752-39724-1)	**12/1/25**	**10:55 Eastern**	**G**	**Water**			X	X	1	
MW-2 (752-39724-2)	12/1/25	11:45 Eastern	G	Water			X	X	1	
MW-3 (752-39724-3)	12/1/25	12:25 Eastern	G	Water			X	X	1	
MW-4 (752-39724-4)	12/1/25	13:00 Eastern	G	Water			X	X	1	
MW-5 (752-39724-5)	**12/1/25**	**13:55 Eastern**	**G**	**Water**			X	X	1	
MW-6 (752-39724-6)	12/1/25	14:35 Eastern	G	Water			X	X	1	
MW-7 (752-39724-7)	12/1/25	15:15 Eastern	G	Water			X	X	1	
MW-8 (752-39724-8)	12/1/25	15:15 Eastern	G	Water			X	X	1	
MW-9 (752-39724-9)	12/1/25	16:00 Eastern	G	Water			X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/2/25 1520		RT	12/03/25 1035	
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: .9 #3605

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: 752-7392.2
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 #: 752-39724-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/10/2025			Preservation Codes: -
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Walltown 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)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
120125-Dup-1 (752-39724-10)	12/1/25	Eastern	G	Water			X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	12/1/25 1520		RT	12/3/25 1035	
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: .9 #36685

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39724-1

Login Number: 39724

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.	False	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39724-1

Login Number: 39724
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/03/25 01:16 PM

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

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39724-1

Login Number: 39724
List Number: 4
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 12/04/25 12:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR11 1.1°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39724-1

Login Number: 39724
List Number: 2
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 12/03/25 11:24 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/6/2026 9:18:06 AM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-40518-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Eurofins Raleigh

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.

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Authorization

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Authorized for release by
Chad Bechtold, Project Manager
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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-40518-1
Project/Site: Walltown Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
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.

Metals

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

General Chemistry

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

Glossary

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

Job Narrative
752-40518-1

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 12/19/2025 2:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.3°C and 3.6°C.

Receipt Exceptions
The Chain-of-Custody (COC) had 7199 - Hexavalent Chromium listed; however, no containers for this analysis were received. Per the scope this analysis is not needed for water samples.

GC/MS VOA
Method 8260D_LL: The laboratory control sample (LCS) for analytical batch 705-104410 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.

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

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-734605 and analytical batch 400-734734 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 4-Bromophenyl phenyl ether, 4-Chloro-3-methylphenol, bis (2-chloroisopropyl) ether, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Carbazole, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Hexachlorobenzene, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine and N-Nitrosodiphenylamine. 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.

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

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

General Chemistry
Method 353.2: The method blank for analytical batch 705-105927 contained Nitrate Nitrite as N 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.

Detection Summary

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-8 — Lab Sample ID: 752-40518-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.27	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	10.5		0.298	0.298	ug/L	1		8270E SIM ID	Total/NA
Sulfate	10.9		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	27.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	12.3		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.08		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	29.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.32	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
Zinc	37.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.102		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0444	J	0.0500	0.0141	mg/L	1		353.2	Total/NA
Nitrate as N	0.0146	J	0.0500	0.0141	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 824-SW-7 — Lab Sample ID: 752-40518-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.69	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	6.47		0.295	0.295	ug/L	1		8270E SIM ID	Total/NA
Sulfate	13.1		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	28.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	12.7		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.76		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	30.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.65	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.98	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	40.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.125		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0356	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: 824-SW-6 — Lab Sample ID: 752-40518-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.34	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.719		0.289	0.289	ug/L	1		8270E SIM ID	Total/NA
Sulfate	10.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	26.8		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	12.0		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.84		1.00	0.864	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-6 (Continued) — Lab Sample ID: 752-40518-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	23.2		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	1.67	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	34.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.136		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0333	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: 824-SW-5 — Lab Sample ID: 752-40518-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11.2		10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	2.01		0.283	0.283	ug/L	1		8270E SIM ID	Total/NA
Sulfate	10.1		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	32.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	13.2		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	6.50		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	34.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.05	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.27	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	47.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.0728	F1	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0300	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: 824-SW-Dup — Lab Sample ID: 752-40518-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.17	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.655		0.286	0.286	ug/L	1		8270E SIM ID	Total/NA
Sulfate	9.88		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	28.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	11.6		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.26		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	23.0		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	1.51	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	36.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.0482	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0315	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-4 — Lab Sample ID: 752-40518-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.26	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.916		0.296	0.296	ug/L	1		8270E SIM ID	Total/NA
Sulfate	9.51		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	28.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	11.6		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.39		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	24.1		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.30	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.70	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	37.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.0587		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0227	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: 824-SW-3 — Lab Sample ID: 752-40518-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.34	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.614		0.286	0.286	ug/L	1		8270E SIM ID	Total/NA
Sulfate	9.17		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	27.5		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	11.5		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.76		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	23.0		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	1.65	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	35.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.0447	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0236	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: 824-SW-2 — Lab Sample ID: 752-40518-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.29	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.568		0.299	0.299	ug/L	1		8270E SIM ID	Total/NA
Sulfate	8.91		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	26.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	12.1		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.75		1.00	0.864	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-2 (Continued) — Lab Sample ID: 752-40518-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	21.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.59	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.63	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	36.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.0437	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0252	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: 824-SW-1 — Lab Sample ID: 752-40518-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.95	J	10.0	4.04	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.697		0.293	0.293	ug/L	1		8270E SIM ID	Total/NA
Sulfate	8.46		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	27.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	10.9		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.81		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	27.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.10	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.57	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	32.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.0342	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0297	J	0.0500	0.0141	mg/L	1		353.2	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-40518-10

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.27	J	10.0	4.04	ug/L			12/27/25 18:54	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 18:54	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 18:54	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 18:54	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 18:54	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 18:54	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 18:54	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 18:54	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 18:54	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 18:54	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 18:54	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 18:54	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 18:54	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 18:54	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 18:54	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 18:54	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 18:54	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 18:54	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 18:54	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 18:54	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 18:54	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 18:54	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 18:54	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 18:54	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 18:54	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 18:54	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 18:54	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 18:54	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 18:54	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 18:54	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 18:54	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 18:54	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 18:54	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 18:54	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 18:54	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 18:54	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 18:54	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 18:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 18:54	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 18:54	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 18:54	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 18:54	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 18:54	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 18:54	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 18:54	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 18:54	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 18:54	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 18:54	1

Client Sample ID: 824-SW-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-1
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			12/27/25 18:54	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 18:54	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 18:54	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 18:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 18:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 18:54	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 18:54	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 18:54	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 18:54	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 18:54	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 18:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 18:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 18:54	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 18:54	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 18:54	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 18:54	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 18:54	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 18:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 18:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 18:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 18:54	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 18:54	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 18:54	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/27/25 18:54*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*12/27/25 18:54*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 18:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**10.5**		0.298	0.298	ug/L		12/22/25 15:03	12/23/25 22:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 140*	*12/22/25 15:03*	*12/23/25 22:56*	*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		10.3	0.432	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,4-Dinitrotoluene	ND	*+	10.3	0.668	ug/L		12/22/25 12:14	12/23/25 20:49	1
2,6-Dinitrotoluene	ND	*+	10.3	0.298	ug/L		12/22/25 12:14	12/23/25 20:49	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		12/22/25 12:14	12/23/25 20:49	1
2-Chlorophenol	ND		10.3	0.863	ug/L		12/22/25 12:14	12/23/25 20:49	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		12/22/25 12:14	12/23/25 20:49	1
2-Methylphenol	ND		10.3	0.781	ug/L		12/22/25 12:14	12/23/25 20:49	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	10.3	1.41	ug/L		12/22/25 12:14	12/23/25 20:49	1
2-Nitrophenol	ND		10.3	1.20	ug/L		12/22/25 12:14	12/23/25 20:49	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		12/22/25 12:14	12/23/25 20:49	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		12/22/25 12:14	12/23/25 20:49	1
3-Nitroaniline	ND		10.3	0.976	ug/L		12/22/25 12:14	12/23/25 20:49	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		12/22/25 12:14	12/23/25 20:49	1
4-Bromophenyl phenyl ether	ND	*+	10.3	0.134	ug/L		12/22/25 12:14	12/23/25 20:49	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		12/22/25 12:14	12/23/25 20:49	1
4-Chloroaniline	ND		10.3	0.596	ug/L		12/22/25 12:14	12/23/25 20:49	1
4-Chlorophenyl phenyl ether	ND	*+	10.3	0.247	ug/L		12/22/25 12:14	12/23/25 20:49	1
4-Nitroaniline	ND		10.3	3.60	ug/L		12/22/25 12:14	12/23/25 20:49	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/22/25 12:14	12/23/25 20:49	1
Acenaphthene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 20:49	1
Acenaphthylene	ND		10.3	0.781	ug/L		12/22/25 12:14	12/23/25 20:49	1
Acetophenone	ND		10.3	3.29	ug/L		12/22/25 12:14	12/23/25 20:49	1
Anthracene	ND		10.3	0.935	ug/L		12/22/25 12:14	12/23/25 20:49	1
Atrazine	ND		10.3	1.16	ug/L		12/22/25 12:14	12/23/25 20:49	1
Benzaldehyde	ND		10.3	0.688	ug/L		12/22/25 12:14	12/23/25 20:49	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/22/25 12:14	12/23/25 20:49	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 20:49	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		12/22/25 12:14	12/23/25 20:49	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		12/22/25 12:14	12/23/25 20:49	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		12/22/25 12:14	12/23/25 20:49	1
bis (2-chloroisopropyl) ether	ND	*+	10.3	0.955	ug/L		12/22/25 12:14	12/23/25 20:49	1
Bis(2-chloroethoxy)methane	ND	*+	10.3	0.349	ug/L		12/22/25 12:14	12/23/25 20:49	1
Bis(2-chloroethyl)ether	ND	*+	10.3	0.750	ug/L		12/22/25 12:14	12/23/25 20:49	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 20:49	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 20:49	1
Caprolactam	ND		10.3	2.47	ug/L		12/22/25 12:14	12/23/25 20:49	1
Carbazole	ND	*+	10.3	0.329	ug/L		12/22/25 12:14	12/23/25 20:49	1
Chrysene	ND		10.3	1.23	ug/L		12/22/25 12:14	12/23/25 20:49	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/22/25 12:14	12/23/25 20:49	1
Dibenzofuran	ND	*+	10.3	0.658	ug/L		12/22/25 12:14	12/23/25 20:49	1
Diethyl phthalate	ND	*+	10.3	4.11	ug/L		12/22/25 12:14	12/23/25 20:49	1
Dimethyl phthalate	ND	*+	10.3	4.11	ug/L		12/22/25 12:14	12/23/25 20:49	1
Di-n-butyl phthalate	ND	*+	10.3	8.41	ug/L		12/22/25 12:14	12/23/25 20:49	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 20:49	1
Fluoranthene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 20:49	1
Fluorene	ND		10.3	0.688	ug/L		12/22/25 12:14	12/23/25 20:49	1
Hexachlorobenzene	ND	*+	10.3	0.257	ug/L		12/22/25 12:14	12/23/25 20:49	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		12/22/25 12:14	12/23/25 20:49	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		12/22/25 12:14	12/23/25 20:49	1
Hexachloroethane	ND		10.3	0.545	ug/L		12/22/25 12:14	12/23/25 20:49	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 20:49	1
Isophorone	ND	*+	10.3	0.822	ug/L		12/22/25 12:14	12/23/25 20:49	1
Naphthalene	ND		10.3	0.771	ug/L		12/22/25 12:14	12/23/25 20:49	1
Nitrobenzene	ND	*+	10.3	0.616	ug/L		12/22/25 12:14	12/23/25 20:49	1
N-Nitrosodi-n-propylamine	ND	*+	10.3	0.339	ug/L		12/22/25 12:14	12/23/25 20:49	1
N-Nitrosodiphenylamine	ND	*+	10.3	0.195	ug/L		12/22/25 12:14	12/23/25 20:49	1

Client Sample ID: 824-SW-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.3	2.88	ug/L		12/22/25 12:14	12/23/25 20:49	1
Phenanthrene	ND		10.3	0.760	ug/L		12/22/25 12:14	12/23/25 20:49	1
Phenol	ND		10.3	0.699	ug/L		12/22/25 12:14	12/23/25 20:49	1
Pyrene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*	*12/22/25 12:14*	*12/23/25 20:49*	*1*
2-Fluorobiphenyl (Surr)	*103*		*25 - 139*	*12/22/25 12:14*	*12/23/25 20:49*	*1*
2-Fluorophenol (Surr)	*131*		*10 - 150*	*12/22/25 12:14*	*12/23/25 20:49*	*1*
Nitrobenzene-d5 (Surr)	*120*		*22 - 150*	*12/22/25 12:14*	*12/23/25 20:49*	*1*
Phenol-d5 (Surr)	*137*		*10 - 150*	*12/22/25 12:14*	*12/23/25 20:49*	*1*
Terphenyl-d14 (Surr)	*84*		*28 - 150*	*12/22/25 12:14*	*12/23/25 20:49*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**10.9**		1.00	0.767	mg/L			12/27/25 00:44	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		12/28/25 10:23	12/28/25 20:19	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:19	1
Barium	**27.2**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:19	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:19	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:19	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:19	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:19	1
Copper	**12.3**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:19	1
Lead	**3.08**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:19	1
Manganese	**29.6**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:19	1
Nickel	**1.32**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:19	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:19	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:19	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:19	1
Vanadium	**1.76**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:19	1
Zinc	**37.3**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.102**		0.0500	0.0200	mg/L			12/29/25 12:11	1
Nitrate Nitrite as N (EPA 353.2)	**0.0444**	**J**	0.0500	0.0141	mg/L			01/05/26 12:45	1
Nitrate as N (SM Nitrate by calc)	**0.0146**	**J**	0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.69	J	10.0	4.04	ug/L			12/27/25 19:19	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 19:19	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 19:19	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 19:19	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 19:19	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 19:19	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 19:19	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 19:19	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 19:19	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 19:19	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 19:19	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 19:19	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 19:19	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 19:19	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 19:19	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 19:19	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 19:19	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 19:19	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 19:19	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 19:19	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 19:19	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 19:19	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 19:19	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 19:19	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 19:19	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 19:19	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 19:19	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 19:19	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 19:19	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 19:19	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 19:19	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 19:19	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 19:19	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 19:19	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 19:19	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 19:19	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 19:19	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 19:19	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 19:19	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 19:19	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 19:19	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 19:19	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 19:19	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 19:19	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 19:19	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 19:19	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 19:19	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 19:19	1

Client Sample ID: 824-SW-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-2
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			12/27/25 19:19	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 19:19	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 19:19	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 19:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 19:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 19:19	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 19:19	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 19:19	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 19:19	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 19:19	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 19:19	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 19:19	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 19:19	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 19:19	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 19:19	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 19:19	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 19:19	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 19:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 19:19	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 19:19	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 19:19	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 19:19	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 19:19	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*12/27/25 19:19*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*12/27/25 19:19*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 19:19*	*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	**6.47**		0.295	0.295	ug/L		12/22/25 15:03	12/23/25 23:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 140*	*12/22/25 15:03*	*12/23/25 23:18*	*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		10.3	0.434	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,4,5-Trichlorophenol	ND		10.3	0.559	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,4,6-Trichlorophenol	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,4-Dichlorophenol	ND		10.3	0.590	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,4-Dimethylphenol	ND		10.3	0.248	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,4-Dinitrophenol	ND		31.0	4.84	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,4-Dinitrotoluene	ND	*+	10.3	0.672	ug/L		12/22/25 12:14	12/23/25 21:19	1
2,6-Dinitrotoluene	ND	*+	10.3	0.300	ug/L		12/22/25 12:14	12/23/25 21:19	1
2-Chloronaphthalene	ND		10.3	0.393	ug/L		12/22/25 12:14	12/23/25 21:19	1
2-Chlorophenol	ND		10.3	0.869	ug/L		12/22/25 12:14	12/23/25 21:19	1
2-Methylnaphthalene	ND		10.3	0.838	ug/L		12/22/25 12:14	12/23/25 21:19	1
2-Methylphenol	ND		10.3	0.786	ug/L		12/22/25 12:14	12/23/25 21:19	1

Client Sample ID: 824-SW-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	10.3	1.42	ug/L		12/22/25 12:14	12/23/25 21:19	1
2-Nitrophenol	ND		10.3	1.21	ug/L		12/22/25 12:14	12/23/25 21:19	1
3 & 4 Methylphenol	ND		20.7	4.76	ug/L		12/22/25 12:14	12/23/25 21:19	1
3,3'-Dichlorobenzidine	ND		11.4	0.424	ug/L		12/22/25 12:14	12/23/25 21:19	1
3-Nitroaniline	ND		10.3	0.983	ug/L		12/22/25 12:14	12/23/25 21:19	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.04	ug/L		12/22/25 12:14	12/23/25 21:19	1
4-Bromophenyl phenyl ether	ND	*+	10.3	0.134	ug/L		12/22/25 12:14	12/23/25 21:19	1
4-Chloro-3-methylphenol	ND		10.3	0.755	ug/L		12/22/25 12:14	12/23/25 21:19	1
4-Chloroaniline	ND		10.3	0.600	ug/L		12/22/25 12:14	12/23/25 21:19	1
4-Chlorophenyl phenyl ether	ND	*+	10.3	0.248	ug/L		12/22/25 12:14	12/23/25 21:19	1
4-Nitroaniline	ND		10.3	3.62	ug/L		12/22/25 12:14	12/23/25 21:19	1
4-Nitrophenol	ND		10.3	2.83	ug/L		12/22/25 12:14	12/23/25 21:19	1
Acenaphthene	ND		10.3	0.652	ug/L		12/22/25 12:14	12/23/25 21:19	1
Acenaphthylene	ND		10.3	0.786	ug/L		12/22/25 12:14	12/23/25 21:19	1
Acetophenone	ND		10.3	3.31	ug/L		12/22/25 12:14	12/23/25 21:19	1
Anthracene	ND		10.3	0.941	ug/L		12/22/25 12:14	12/23/25 21:19	1
Atrazine	ND		10.3	1.17	ug/L		12/22/25 12:14	12/23/25 21:19	1
Benzaldehyde	ND		10.3	0.693	ug/L		12/22/25 12:14	12/23/25 21:19	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/22/25 12:14	12/23/25 21:19	1
Benzo[a]pyrene	ND		10.3	1.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Benzo[b]fluoranthene	ND		10.3	1.24	ug/L		12/22/25 12:14	12/23/25 21:19	1
Benzo[g,h,i]perylene	ND		10.3	1.55	ug/L		12/22/25 12:14	12/23/25 21:19	1
Benzo[k]fluoranthene	ND		10.3	1.55	ug/L		12/22/25 12:14	12/23/25 21:19	1
bis (2-chloroisopropyl) ether	ND	*+	10.3	0.962	ug/L		12/22/25 12:14	12/23/25 21:19	1
Bis(2-chloroethoxy)methane	ND	*+	10.3	0.352	ug/L		12/22/25 12:14	12/23/25 21:19	1
Bis(2-chloroethyl)ether	ND	*+	10.3	0.755	ug/L		12/22/25 12:14	12/23/25 21:19	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Butyl benzyl phthalate	ND		10.3	4.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Caprolactam	ND		10.3	2.48	ug/L		12/22/25 12:14	12/23/25 21:19	1
Carbazole	ND	*+	10.3	0.331	ug/L		12/22/25 12:14	12/23/25 21:19	1
Chrysene	ND		10.3	1.24	ug/L		12/22/25 12:14	12/23/25 21:19	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/22/25 12:14	12/23/25 21:19	1
Dibenzofuran	ND	*+	10.3	0.662	ug/L		12/22/25 12:14	12/23/25 21:19	1
Diethyl phthalate	ND	*+	10.3	4.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Dimethyl phthalate	ND	*+	10.3	4.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Di-n-butyl phthalate	ND	*+	10.3	8.47	ug/L		12/22/25 12:14	12/23/25 21:19	1
Di-n-octyl phthalate	ND		10.3	4.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Fluoranthene	ND		10.3	0.652	ug/L		12/22/25 12:14	12/23/25 21:19	1
Fluorene	ND		10.3	0.693	ug/L		12/22/25 12:14	12/23/25 21:19	1
Hexachlorobenzene	ND	*+	10.3	0.259	ug/L		12/22/25 12:14	12/23/25 21:19	1
Hexachlorobutadiene	ND		10.3	0.569	ug/L		12/22/25 12:14	12/23/25 21:19	1
Hexachlorocyclopentadiene	ND		20.7	0.331	ug/L		12/22/25 12:14	12/23/25 21:19	1
Hexachloroethane	ND		10.3	0.548	ug/L		12/22/25 12:14	12/23/25 21:19	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.14	ug/L		12/22/25 12:14	12/23/25 21:19	1
Isophorone	ND	*+	10.3	0.828	ug/L		12/22/25 12:14	12/23/25 21:19	1
Naphthalene	ND		10.3	0.776	ug/L		12/22/25 12:14	12/23/25 21:19	1
Nitrobenzene	ND	*+	10.3	0.621	ug/L		12/22/25 12:14	12/23/25 21:19	1
N-Nitrosodi-n-propylamine	ND	*+	10.3	0.341	ug/L		12/22/25 12:14	12/23/25 21:19	1
N-Nitrosodiphenylamine	ND	*+	10.3	0.197	ug/L		12/22/25 12:14	12/23/25 21:19	1

Client Sample ID: 824-SW-7

Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.3	2.90	ug/L		12/22/25 12:14	12/23/25 21:19	1
Phenanthrene	ND		10.3	0.766	ug/L		12/22/25 12:14	12/23/25 21:19	1
Phenol	ND		10.3	0.703	ug/L		12/22/25 12:14	12/23/25 21:19	1
Pyrene	ND		10.3	0.652	ug/L		12/22/25 12:14	12/23/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*10 - 150*	*12/22/25 12:14*	*12/23/25 21:19*	*1*
2-Fluorobiphenyl (Surr)	*106*		*25 - 139*	*12/22/25 12:14*	*12/23/25 21:19*	*1*
2-Fluorophenol (Surr)	*129*		*10 - 150*	*12/22/25 12:14*	*12/23/25 21:19*	*1*
Nitrobenzene-d5 (Surr)	*122*		*22 - 150*	*12/22/25 12:14*	*12/23/25 21:19*	*1*
Phenol-d5 (Surr)	*131*		*10 - 150*	*12/22/25 12:14*	*12/23/25 21:19*	*1*
Terphenyl-d14 (Surr)	*92*		*28 - 150*	*12/22/25 12:14*	*12/23/25 21:19*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**13.1**		1.00	0.767	mg/L			12/27/25 00:56	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		12/28/25 10:23	12/28/25 20:36	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:36	1
Barium	**28.9**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:36	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:36	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:36	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:36	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:36	1
Copper	**12.7**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:36	1
Lead	**3.76**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:36	1
Manganese	**30.2**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:36	1
Nickel	**1.65**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:36	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:36	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:36	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:36	1
Vanadium	**1.98**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:36	1
Zinc	**40.7**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 15:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.125**		0.0500	0.0200	mg/L			12/29/25 12:13	1
Nitrate Nitrite as N (EPA 353.2)	**0.0356**	**J**	0.0500	0.0141	mg/L			01/05/26 12:47	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-6
Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.34	J	10.0	4.04	ug/L			12/27/25 19:44	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 19:44	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 19:44	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 19:44	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 19:44	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 19:44	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 19:44	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 19:44	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 19:44	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 19:44	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 19:44	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 19:44	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 19:44	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 19:44	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 19:44	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 19:44	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 19:44	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 19:44	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 19:44	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 19:44	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 19:44	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 19:44	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 19:44	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 19:44	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 19:44	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 19:44	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 19:44	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 19:44	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 19:44	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 19:44	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 19:44	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 19:44	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 19:44	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 19:44	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 19:44	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 19:44	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 19:44	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 19:44	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 19:44	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 19:44	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 19:44	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 19:44	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 19:44	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 19:44	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 19:44	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 19:44	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 19:44	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 19:44	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 19:44	1

Client Sample ID: 824-SW-6
Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-3
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			12/27/25 19:44	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 19:44	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 19:44	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 19:44	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 19:44	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 19:44	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 19:44	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 19:44	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 19:44	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 19:44	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 19:44	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 19:44	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 19:44	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 19:44	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 19:44	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 19:44	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 19:44	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 19:44	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 19:44	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 19:44	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 19:44	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 19:44	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*12/27/25 19:44*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/27/25 19:44*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 19:44*	*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	**0.719**		0.289	0.289	ug/L		12/22/25 15:03	12/23/25 23:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 140*	*12/22/25 15:03*	*12/23/25 23:39*	*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		10.3	0.432	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,4-Dinitrotoluene	ND	*+	10.3	0.668	ug/L		12/22/25 12:14	12/23/25 21:50	1
2,6-Dinitrotoluene	ND	*+	10.3	0.298	ug/L		12/22/25 12:14	12/23/25 21:50	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		12/22/25 12:14	12/23/25 21:50	1
2-Chlorophenol	ND		10.3	0.863	ug/L		12/22/25 12:14	12/23/25 21:50	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		12/22/25 12:14	12/23/25 21:50	1
2-Methylphenol	ND		10.3	0.781	ug/L		12/22/25 12:14	12/23/25 21:50	1

Client: S&ME Inc
Job ID: 752-40518-1
Project/Site: Walltown Park

Client Sample ID: 824-SW-6
Lab Sample ID: 752-40518-3
Date Collected: 12/19/25 09:30
Matrix: Water
Date Received: 12/19/25 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	10.3	1.41	ug/L		12/22/25 12:14	12/23/25 21:50	1
2-Nitrophenol	ND		10.3	1.20	ug/L		12/22/25 12:14	12/23/25 21:50	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		12/22/25 12:14	12/23/25 21:50	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		12/22/25 12:14	12/23/25 21:50	1
3-Nitroaniline	ND		10.3	0.976	ug/L		12/22/25 12:14	12/23/25 21:50	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		12/22/25 12:14	12/23/25 21:50	1
4-Bromophenyl phenyl ether	ND	*+	10.3	0.134	ug/L		12/22/25 12:14	12/23/25 21:50	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		12/22/25 12:14	12/23/25 21:50	1
4-Chloroaniline	ND		10.3	0.596	ug/L		12/22/25 12:14	12/23/25 21:50	1
4-Chlorophenyl phenyl ether	ND	*+	10.3	0.247	ug/L		12/22/25 12:14	12/23/25 21:50	1
4-Nitroaniline	ND		10.3	3.60	ug/L		12/22/25 12:14	12/23/25 21:50	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/22/25 12:14	12/23/25 21:50	1
Acenaphthene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 21:50	1
Acenaphthylene	ND		10.3	0.781	ug/L		12/22/25 12:14	12/23/25 21:50	1
Acetophenone	ND		10.3	3.29	ug/L		12/22/25 12:14	12/23/25 21:50	1
Anthracene	ND		10.3	0.935	ug/L		12/22/25 12:14	12/23/25 21:50	1
Atrazine	ND		10.3	1.16	ug/L		12/22/25 12:14	12/23/25 21:50	1
Benzaldehyde	ND		10.3	0.688	ug/L		12/22/25 12:14	12/23/25 21:50	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/22/25 12:14	12/23/25 21:50	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 21:50	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		12/22/25 12:14	12/23/25 21:50	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		12/22/25 12:14	12/23/25 21:50	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		12/22/25 12:14	12/23/25 21:50	1
bis (2-chloroisopropyl) ether	ND	*+	10.3	0.955	ug/L		12/22/25 12:14	12/23/25 21:50	1
Bis(2-chloroethoxy)methane	ND	*+	10.3	0.349	ug/L		12/22/25 12:14	12/23/25 21:50	1
Bis(2-chloroethyl)ether	ND	*+	10.3	0.750	ug/L		12/22/25 12:14	12/23/25 21:50	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 21:50	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 21:50	1
Caprolactam	ND		10.3	2.47	ug/L		12/22/25 12:14	12/23/25 21:50	1
Carbazole	ND	*+	10.3	0.329	ug/L		12/22/25 12:14	12/23/25 21:50	1
Chrysene	ND		10.3	1.23	ug/L		12/22/25 12:14	12/23/25 21:50	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/22/25 12:14	12/23/25 21:50	1
Dibenzofuran	ND	*+	10.3	0.658	ug/L		12/22/25 12:14	12/23/25 21:50	1
Diethyl phthalate	ND	*+	10.3	4.11	ug/L		12/22/25 12:14	12/23/25 21:50	1
Dimethyl phthalate	ND	*+	10.3	4.11	ug/L		12/22/25 12:14	12/23/25 21:50	1
Di-n-butyl phthalate	ND	*+	10.3	8.41	ug/L		12/22/25 12:14	12/23/25 21:50	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 21:50	1
Fluoranthene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 21:50	1
Fluorene	ND		10.3	0.688	ug/L		12/22/25 12:14	12/23/25 21:50	1
Hexachlorobenzene	ND	*+	10.3	0.257	ug/L		12/22/25 12:14	12/23/25 21:50	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		12/22/25 12:14	12/23/25 21:50	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		12/22/25 12:14	12/23/25 21:50	1
Hexachloroethane	ND		10.3	0.545	ug/L		12/22/25 12:14	12/23/25 21:50	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 21:50	1
Isophorone	ND	*+	10.3	0.822	ug/L		12/22/25 12:14	12/23/25 21:50	1
Naphthalene	ND		10.3	0.771	ug/L		12/22/25 12:14	12/23/25 21:50	1
Nitrobenzene	ND	*+	10.3	0.616	ug/L		12/22/25 12:14	12/23/25 21:50	1
N-Nitrosodi-n-propylamine	ND	*+	10.3	0.339	ug/L		12/22/25 12:14	12/23/25 21:50	1
N-Nitrosodiphenylamine	ND	*+	10.3	0.195	ug/L		12/22/25 12:14	12/23/25 21:50	1

Client Sample ID: 824-SW-6
Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.3	2.88	ug/L		12/22/25 12:14	12/23/25 21:50	1
Phenanthrene	ND		10.3	0.760	ug/L		12/22/25 12:14	12/23/25 21:50	1
Phenol	ND		10.3	0.699	ug/L		12/22/25 12:14	12/23/25 21:50	1
Pyrene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*10 - 150*	*12/22/25 12:14*	*12/23/25 21:50*	*1*
2-Fluorobiphenyl (Surr)	*110*		*25 - 139*	*12/22/25 12:14*	*12/23/25 21:50*	*1*
2-Fluorophenol (Surr)	*126*		*10 - 150*	*12/22/25 12:14*	*12/23/25 21:50*	*1*
Nitrobenzene-d5 (Surr)	*127*		*22 - 150*	*12/22/25 12:14*	*12/23/25 21:50*	*1*
Phenol-d5 (Surr)	*126*		*10 - 150*	*12/22/25 12:14*	*12/23/25 21:50*	*1*
Terphenyl-d14 (Surr)	*95*		*28 - 150*	*12/22/25 12:14*	*12/23/25 21:50*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**10.4**		1.00	0.767	mg/L			12/27/25 01:07	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		12/28/25 10:23	12/28/25 20:38	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:38	1
Barium	**26.8**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:38	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:38	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:38	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:38	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:38	1
Copper	**12.0**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:38	1
Lead	**2.84**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:38	1
Manganese	**23.2**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:38	1
Nickel	**1.28**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:38	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:38	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:38	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:38	1
Vanadium	**1.67**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:38	1
Zinc	**34.7**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.136**		0.0500	0.0200	mg/L			12/29/25 12:18	1
Nitrate Nitrite as N (EPA 353.2)	**0.0333**	**J**	0.0500	0.0141	mg/L			01/05/26 12:48	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11.2		10.0	4.04	ug/L			12/27/25 20:09	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 20:09	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 20:09	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 20:09	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 20:09	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 20:09	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 20:09	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 20:09	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 20:09	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 20:09	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 20:09	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 20:09	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 20:09	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 20:09	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 20:09	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 20:09	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 20:09	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 20:09	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 20:09	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 20:09	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 20:09	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 20:09	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 20:09	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 20:09	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 20:09	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 20:09	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 20:09	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 20:09	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 20:09	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 20:09	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 20:09	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 20:09	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 20:09	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 20:09	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 20:09	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 20:09	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 20:09	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 20:09	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 20:09	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 20:09	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 20:09	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 20:09	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 20:09	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 20:09	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 20:09	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 20:09	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 20:09	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 20:09	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 20:09	1

Client Sample ID: 824-SW-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-4
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			12/27/25 20:09	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 20:09	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 20:09	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 20:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 20:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 20:09	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 20:09	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 20:09	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 20:09	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 20:09	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 20:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 20:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 20:09	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 20:09	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 20:09	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 20:09	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 20:09	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 20:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 20:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 20:09	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 20:09	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 20:09	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*12/27/25 20:09*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*12/27/25 20:09*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 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	2.01		0.283	0.283	ug/L		12/22/25 15:03	12/24/25 00:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/22/25 15:03*	*12/24/25 00:00*	*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		10.3	0.432	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,4-Dinitrotoluene	ND	*+	10.3	0.668	ug/L		12/22/25 12:14	12/23/25 22:20	1
2,6-Dinitrotoluene	ND	*+	10.3	0.298	ug/L		12/22/25 12:14	12/23/25 22:20	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		12/22/25 12:14	12/23/25 22:20	1
2-Chlorophenol	ND		10.3	0.863	ug/L		12/22/25 12:14	12/23/25 22:20	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		12/22/25 12:14	12/23/25 22:20	1
2-Methylphenol	ND		10.3	0.781	ug/L		12/22/25 12:14	12/23/25 22:20	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-4
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	*+	10.3	1.41	ug/L		12/22/25 12:14	12/23/25 22:20	1
2-Nitrophenol	ND		10.3	1.20	ug/L		12/22/25 12:14	12/23/25 22:20	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		12/22/25 12:14	12/23/25 22:20	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		12/22/25 12:14	12/23/25 22:20	1
3-Nitroaniline	ND		10.3	0.976	ug/L		12/22/25 12:14	12/23/25 22:20	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		12/22/25 12:14	12/23/25 22:20	1
4-Bromophenyl phenyl ether	ND	*+	10.3	0.134	ug/L		12/22/25 12:14	12/23/25 22:20	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		12/22/25 12:14	12/23/25 22:20	1
4-Chloroaniline	ND		10.3	0.596	ug/L		12/22/25 12:14	12/23/25 22:20	1
4-Chlorophenyl phenyl ether	ND	*+	10.3	0.247	ug/L		12/22/25 12:14	12/23/25 22:20	1
4-Nitroaniline	ND		10.3	3.60	ug/L		12/22/25 12:14	12/23/25 22:20	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/22/25 12:14	12/23/25 22:20	1
Acenaphthene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 22:20	1
Acenaphthylene	ND		10.3	0.781	ug/L		12/22/25 12:14	12/23/25 22:20	1
Acetophenone	ND		10.3	3.29	ug/L		12/22/25 12:14	12/23/25 22:20	1
Anthracene	ND		10.3	0.935	ug/L		12/22/25 12:14	12/23/25 22:20	1
Atrazine	ND		10.3	1.16	ug/L		12/22/25 12:14	12/23/25 22:20	1
Benzaldehyde	ND		10.3	0.688	ug/L		12/22/25 12:14	12/23/25 22:20	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/22/25 12:14	12/23/25 22:20	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 22:20	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		12/22/25 12:14	12/23/25 22:20	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		12/22/25 12:14	12/23/25 22:20	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		12/22/25 12:14	12/23/25 22:20	1
bis (2-chloroisopropyl) ether	ND	*+	10.3	0.955	ug/L		12/22/25 12:14	12/23/25 22:20	1
Bis(2-chloroethoxy)methane	ND	*+	10.3	0.349	ug/L		12/22/25 12:14	12/23/25 22:20	1
Bis(2-chloroethyl)ether	ND	*+	10.3	0.750	ug/L		12/22/25 12:14	12/23/25 22:20	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 22:20	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 22:20	1
Caprolactam	ND		10.3	2.47	ug/L		12/22/25 12:14	12/23/25 22:20	1
Carbazole	ND	*+	10.3	0.329	ug/L		12/22/25 12:14	12/23/25 22:20	1
Chrysene	ND		10.3	1.23	ug/L		12/22/25 12:14	12/23/25 22:20	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/22/25 12:14	12/23/25 22:20	1
Dibenzofuran	ND	*+	10.3	0.658	ug/L		12/22/25 12:14	12/23/25 22:20	1
Diethyl phthalate	ND	*+	10.3	4.11	ug/L		12/22/25 12:14	12/23/25 22:20	1
Dimethyl phthalate	ND	*+	10.3	4.11	ug/L		12/22/25 12:14	12/23/25 22:20	1
Di-n-butyl phthalate	ND	*+	10.3	8.41	ug/L		12/22/25 12:14	12/23/25 22:20	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		12/22/25 12:14	12/23/25 22:20	1
Fluoranthene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 22:20	1
Fluorene	ND		10.3	0.688	ug/L		12/22/25 12:14	12/23/25 22:20	1
Hexachlorobenzene	ND	*+	10.3	0.257	ug/L		12/22/25 12:14	12/23/25 22:20	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		12/22/25 12:14	12/23/25 22:20	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		12/22/25 12:14	12/23/25 22:20	1
Hexachloroethane	ND		10.3	0.545	ug/L		12/22/25 12:14	12/23/25 22:20	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/22/25 12:14	12/23/25 22:20	1
Isophorone	ND	*+	10.3	0.822	ug/L		12/22/25 12:14	12/23/25 22:20	1
Naphthalene	ND		10.3	0.771	ug/L		12/22/25 12:14	12/23/25 22:20	1
Nitrobenzene	ND	*+	10.3	0.616	ug/L		12/22/25 12:14	12/23/25 22:20	1
N-Nitrosodi-n-propylamine	ND	*+	10.3	0.339	ug/L		12/22/25 12:14	12/23/25 22:20	1
N-Nitrosodiphenylamine	ND	*+	10.3	0.195	ug/L		12/22/25 12:14	12/23/25 22:20	1

Client Sample ID: 824-SW-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-4
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		10.3	2.88	ug/L		12/22/25 12:14	12/23/25 22:20	1
Phenanthrene	ND		10.3	0.760	ug/L		12/22/25 12:14	12/23/25 22:20	1
Phenol	ND		10.3	0.699	ug/L		12/22/25 12:14	12/23/25 22:20	1
Pyrene	ND		10.3	0.647	ug/L		12/22/25 12:14	12/23/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 150*	*12/22/25 12:14*	*12/23/25 22:20*	*1*
2-Fluorobiphenyl (Surr)	*112*		*25 - 139*	*12/22/25 12:14*	*12/23/25 22:20*	*1*
2-Fluorophenol (Surr)	*110*		*10 - 150*	*12/22/25 12:14*	*12/23/25 22:20*	*1*
Nitrobenzene-d5 (Surr)	*124*		*22 - 150*	*12/22/25 12:14*	*12/23/25 22:20*	*1*
Phenol-d5 (Surr)	*107*		*10 - 150*	*12/22/25 12:14*	*12/23/25 22:20*	*1*
Terphenyl-d14 (Surr)	*108*		*28 - 150*	*12/22/25 12:14*	*12/23/25 22:20*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**10.1**		1.00	0.767	mg/L			12/27/25 01:53	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		12/28/25 10:23	12/28/25 20:41	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:41	1
Barium	**32.1**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:41	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:41	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:41	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:41	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:41	1
Copper	**13.2**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:41	1
Lead	**6.50**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:41	1
Manganese	**34.8**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:41	1
Nickel	**2.05**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:41	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:41	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:41	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:41	1
Vanadium	**2.27**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:41	1
Zinc	**47.4**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:41	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		12/31/25 11:05	12/31/25 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.0728**	**F1**	0.0500	0.0200	mg/L			12/29/25 12:20	1
Nitrate Nitrite as N (EPA 353.2)	**0.0300**	**J**	0.0500	0.0141	mg/L			01/05/26 12:50	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-Dup
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.17	J	10.0	4.04	ug/L			12/27/25 20:34	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 20:34	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 20:34	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 20:34	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 20:34	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 20:34	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 20:34	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 20:34	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 20:34	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 20:34	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 20:34	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 20:34	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 20:34	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 20:34	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 20:34	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 20:34	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 20:34	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 20:34	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 20:34	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 20:34	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 20:34	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 20:34	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 20:34	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 20:34	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 20:34	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 20:34	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 20:34	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 20:34	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 20:34	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 20:34	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 20:34	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 20:34	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 20:34	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 20:34	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 20:34	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 20:34	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 20:34	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 20:34	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 20:34	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 20:34	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 20:34	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 20:34	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 20:34	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 20:34	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 20:34	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 20:34	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 20:34	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 20:34	1

Client Sample ID: 824-SW-Dup
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-5
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			12/27/25 20:34	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 20:34	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 20:34	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 20:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 20:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 20:34	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 20:34	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 20:34	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 20:34	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 20:34	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 20:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 20:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 20:34	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 20:34	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 20:34	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 20:34	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 20:34	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 20:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 20:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 20:34	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 20:34	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 20:34	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*12/27/25 20:34*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*12/27/25 20:34*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 20:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.655**		0.286	0.286	ug/L		12/22/25 15:03	12/24/25 00:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 140*	*12/22/25 15:03*	*12/24/25 00:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,4-Dinitrotoluene	ND	*+	10.0	0.652	ug/L		12/22/25 12:14	12/23/25 22:51	1
2,6-Dinitrotoluene	ND	*+	10.0	0.291	ug/L		12/22/25 12:14	12/23/25 22:51	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		12/22/25 12:14	12/23/25 22:51	1
2-Chlorophenol	ND		10.0	0.843	ug/L		12/22/25 12:14	12/23/25 22:51	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		12/22/25 12:14	12/23/25 22:51	1
2-Methylphenol	ND		10.0	0.763	ug/L		12/22/25 12:14	12/23/25 22:51	1

Client: S&ME Inc
Job ID: 752-40518-1
Project/Site: Walltown Park

Client Sample ID: 824-SW-Dup
Lab Sample ID: 752-40518-5
Date Collected: 12/19/25 10:00
Matrix: Water
Date Received: 12/19/25 14:20

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		12/22/25 12:14	12/23/25 22:51	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/22/25 12:14	12/23/25 22:51	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		12/22/25 12:14	12/23/25 22:51	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		12/22/25 12:14	12/23/25 22:51	1
3-Nitroaniline	ND		10.0	0.953	ug/L		12/22/25 12:14	12/23/25 22:51	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		12/22/25 12:14	12/23/25 22:51	1
4-Bromophenyl phenyl ether	ND	*+	10.0	0.130	ug/L		12/22/25 12:14	12/23/25 22:51	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		12/22/25 12:14	12/23/25 22:51	1
4-Chloroaniline	ND		10.0	0.582	ug/L		12/22/25 12:14	12/23/25 22:51	1
4-Chlorophenyl phenyl ether	ND	*+	10.0	0.241	ug/L		12/22/25 12:14	12/23/25 22:51	1
4-Nitroaniline	ND		10.0	3.51	ug/L		12/22/25 12:14	12/23/25 22:51	1
4-Nitrophenol	ND		10.0	2.75	ug/L		12/22/25 12:14	12/23/25 22:51	1
Acenaphthene	ND		10.0	0.632	ug/L		12/22/25 12:14	12/23/25 22:51	1
Acenaphthylene	ND		10.0	0.763	ug/L		12/22/25 12:14	12/23/25 22:51	1
Acetophenone	ND		10.0	3.21	ug/L		12/22/25 12:14	12/23/25 22:51	1
Anthracene	ND		10.0	0.913	ug/L		12/22/25 12:14	12/23/25 22:51	1
Atrazine	ND		10.0	1.13	ug/L		12/22/25 12:14	12/23/25 22:51	1
Benzaldehyde	ND		10.0	0.672	ug/L		12/22/25 12:14	12/23/25 22:51	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/22/25 12:14	12/23/25 22:51	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/22/25 12:14	12/23/25 22:51	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/22/25 12:14	12/23/25 22:51	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		12/22/25 12:14	12/23/25 22:51	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		12/22/25 12:14	12/23/25 22:51	1
bis (2-chloroisopropyl) ether	ND	*+	10.0	0.933	ug/L		12/22/25 12:14	12/23/25 22:51	1
Bis(2-chloroethoxy)methane	ND	*+	10.0	0.341	ug/L		12/22/25 12:14	12/23/25 22:51	1
Bis(2-chloroethyl)ether	ND	*+	10.0	0.732	ug/L		12/22/25 12:14	12/23/25 22:51	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		12/22/25 12:14	12/23/25 22:51	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		12/22/25 12:14	12/23/25 22:51	1
Caprolactam	ND		10.0	2.41	ug/L		12/22/25 12:14	12/23/25 22:51	1
Carbazole	ND	*+	10.0	0.321	ug/L		12/22/25 12:14	12/23/25 22:51	1
Chrysene	ND		10.0	1.20	ug/L		12/22/25 12:14	12/23/25 22:51	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/22/25 12:14	12/23/25 22:51	1
Dibenzofuran	ND	*+	10.0	0.642	ug/L		12/22/25 12:14	12/23/25 22:51	1
Diethyl phthalate	ND	*+	10.0	4.01	ug/L		12/22/25 12:14	12/23/25 22:51	1
Dimethyl phthalate	ND	*+	10.0	4.01	ug/L		12/22/25 12:14	12/23/25 22:51	1
Di-n-butyl phthalate	ND	*+	10.0	8.22	ug/L		12/22/25 12:14	12/23/25 22:51	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		12/22/25 12:14	12/23/25 22:51	1
Fluoranthene	ND		10.0	0.632	ug/L		12/22/25 12:14	12/23/25 22:51	1
Fluorene	ND		10.0	0.672	ug/L		12/22/25 12:14	12/23/25 22:51	1
Hexachlorobenzene	ND	*+	10.0	0.251	ug/L		12/22/25 12:14	12/23/25 22:51	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		12/22/25 12:14	12/23/25 22:51	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		12/22/25 12:14	12/23/25 22:51	1
Hexachloroethane	ND		10.0	0.532	ug/L		12/22/25 12:14	12/23/25 22:51	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/22/25 12:14	12/23/25 22:51	1
Isophorone	ND	*+	10.0	0.803	ug/L		12/22/25 12:14	12/23/25 22:51	1
Naphthalene	ND		10.0	0.753	ug/L		12/22/25 12:14	12/23/25 22:51	1
Nitrobenzene	ND	*+	10.0	0.602	ug/L		12/22/25 12:14	12/23/25 22:51	1
N-Nitrosodi-n-propylamine	ND	*+	10.0	0.331	ug/L		12/22/25 12:14	12/23/25 22:51	1
N-Nitrosodiphenylamine	ND	*+	10.0	0.191	ug/L		12/22/25 12:14	12/23/25 22:51	1

Client Sample ID: 824-SW-Dup

Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-5

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		10.0	2.81	ug/L		12/22/25 12:14	12/23/25 22:51	1
Phenanthrene	ND		10.0	0.742	ug/L		12/22/25 12:14	12/23/25 22:51	1
Phenol	ND		10.0	0.682	ug/L		12/22/25 12:14	12/23/25 22:51	1
Pyrene	ND		10.0	0.632	ug/L		12/22/25 12:14	12/23/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*10 - 150*	*12/22/25 12:14*	*12/23/25 22:51*	*1*
2-Fluorobiphenyl (Surr)	*112*		*25 - 139*	*12/22/25 12:14*	*12/23/25 22:51*	*1*
2-Fluorophenol (Surr)	*113*		*10 - 150*	*12/22/25 12:14*	*12/23/25 22:51*	*1*
Nitrobenzene-d5 (Surr)	*118*		*22 - 150*	*12/22/25 12:14*	*12/23/25 22:51*	*1*
Phenol-d5 (Surr)	*110*		*10 - 150*	*12/22/25 12:14*	*12/23/25 22:51*	*1*
Terphenyl-d14 (Surr)	*96*		*28 - 150*	*12/22/25 12:14*	*12/23/25 22:51*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**9.88**		1.00	0.767	mg/L			12/27/25 02:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/28/25 10:23	12/28/25 20:43	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:43	1
Barium	**28.0**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:43	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:43	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:43	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:43	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:43	1
Copper	**11.6**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:43	1
Lead	**3.26**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:43	1
Manganese	**23.0**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:43	1
Nickel	**1.44**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:43	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:43	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:43	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:43	1
Vanadium	**1.51**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:43	1
Zinc	**36.0**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.0482**	**J**	0.0500	0.0200	mg/L			12/29/25 12:25	1
Nitrate Nitrite as N (EPA 353.2)	**0.0315**	**J**	0.0500	0.0141	mg/L			01/05/26 12:52	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.26	J	10.0	4.04	ug/L			12/27/25 20:59	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 20:59	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 20:59	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 20:59	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 20:59	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 20:59	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 20:59	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 20:59	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 20:59	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 20:59	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 20:59	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 20:59	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 20:59	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 20:59	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 20:59	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 20:59	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 20:59	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 20:59	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 20:59	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 20:59	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 20:59	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 20:59	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 20:59	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 20:59	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 20:59	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 20:59	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 20:59	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 20:59	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 20:59	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 20:59	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 20:59	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 20:59	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 20:59	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 20:59	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 20:59	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 20:59	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 20:59	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 20:59	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 20:59	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 20:59	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 20:59	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 20:59	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 20:59	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 20:59	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 20:59	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 20:59	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 20:59	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 20:59	1

Client Sample ID: 824-SW-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-6
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			12/27/25 20:59	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 20:59	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 20:59	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 20:59	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 20:59	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 20:59	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 20:59	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 20:59	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 20:59	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 20:59	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 20:59	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 20:59	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 20:59	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 20:59	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 20:59	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 20:59	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 20:59	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 20:59	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 20:59	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 20:59	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 20:59	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 20:59	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/27/25 20:59*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/27/25 20:59*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 20:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.916**		0.296	0.296	ug/L		12/22/25 15:03	12/24/25 00:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 140*	*12/22/25 15:03*	*12/24/25 00:43*	*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		10.2	0.430	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,4-Dinitrotoluene	ND	*+	10.2	0.666	ug/L		12/22/25 12:14	12/23/25 23:21	1
2,6-Dinitrotoluene	ND	*+	10.2	0.297	ug/L		12/22/25 12:14	12/23/25 23:21	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/22/25 12:14	12/23/25 23:21	1
2-Chlorophenol	ND		10.2	0.860	ug/L		12/22/25 12:14	12/23/25 23:21	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/22/25 12:14	12/23/25 23:21	1
2-Methylphenol	ND		10.2	0.778	ug/L		12/22/25 12:14	12/23/25 23:21	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-6
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	1.40	ug/L		12/22/25 12:14	12/23/25 23:21	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/22/25 12:14	12/23/25 23:21	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/22/25 12:14	12/23/25 23:21	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/22/25 12:14	12/23/25 23:21	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/22/25 12:14	12/23/25 23:21	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/22/25 12:14	12/23/25 23:21	1
4-Bromophenyl phenyl ether	ND	*+	10.2	0.133	ug/L		12/22/25 12:14	12/23/25 23:21	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/22/25 12:14	12/23/25 23:21	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/22/25 12:14	12/23/25 23:21	1
4-Chlorophenyl phenyl ether	ND	*+	10.2	0.246	ug/L		12/22/25 12:14	12/23/25 23:21	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/22/25 12:14	12/23/25 23:21	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/22/25 12:14	12/23/25 23:21	1
Acenaphthene	ND		10.2	0.645	ug/L		12/22/25 12:14	12/23/25 23:21	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/22/25 12:14	12/23/25 23:21	1
Acetophenone	ND		10.2	3.28	ug/L		12/22/25 12:14	12/23/25 23:21	1
Anthracene	ND		10.2	0.932	ug/L		12/22/25 12:14	12/23/25 23:21	1
Atrazine	ND		10.2	1.16	ug/L		12/22/25 12:14	12/23/25 23:21	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/22/25 12:14	12/23/25 23:21	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/22/25 12:14	12/23/25 23:21	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/22/25 12:14	12/23/25 23:21	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/22/25 12:14	12/23/25 23:21	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/22/25 12:14	12/23/25 23:21	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/22/25 12:14	12/23/25 23:21	1
bis (2-chloroisopropyl) ether	ND	*+	10.2	0.952	ug/L		12/22/25 12:14	12/23/25 23:21	1
Bis(2-chloroethoxy)methane	ND	*+	10.2	0.348	ug/L		12/22/25 12:14	12/23/25 23:21	1
Bis(2-chloroethyl)ether	ND	*+	10.2	0.747	ug/L		12/22/25 12:14	12/23/25 23:21	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/22/25 12:14	12/23/25 23:21	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/22/25 12:14	12/23/25 23:21	1
Caprolactam	ND		10.2	2.46	ug/L		12/22/25 12:14	12/23/25 23:21	1
Carbazole	ND	*+	10.2	0.328	ug/L		12/22/25 12:14	12/23/25 23:21	1
Chrysene	ND		10.2	1.23	ug/L		12/22/25 12:14	12/23/25 23:21	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/22/25 12:14	12/23/25 23:21	1
Dibenzofuran	ND	*+	10.2	0.655	ug/L		12/22/25 12:14	12/23/25 23:21	1
Diethyl phthalate	ND	*+	10.2	4.10	ug/L		12/22/25 12:14	12/23/25 23:21	1
Dimethyl phthalate	ND	*+	10.2	4.10	ug/L		12/22/25 12:14	12/23/25 23:21	1
Di-n-butyl phthalate	ND	*+	10.2	8.39	ug/L		12/22/25 12:14	12/23/25 23:21	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/22/25 12:14	12/23/25 23:21	1
Fluoranthene	ND		10.2	0.645	ug/L		12/22/25 12:14	12/23/25 23:21	1
Fluorene	ND		10.2	0.686	ug/L		12/22/25 12:14	12/23/25 23:21	1
Hexachlorobenzene	ND	*+	10.2	0.256	ug/L		12/22/25 12:14	12/23/25 23:21	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/22/25 12:14	12/23/25 23:21	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/22/25 12:14	12/23/25 23:21	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/22/25 12:14	12/23/25 23:21	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/22/25 12:14	12/23/25 23:21	1
Isophorone	ND	*+	10.2	0.819	ug/L		12/22/25 12:14	12/23/25 23:21	1
Naphthalene	ND		10.2	0.768	ug/L		12/22/25 12:14	12/23/25 23:21	1
Nitrobenzene	ND	*+	10.2	0.614	ug/L		12/22/25 12:14	12/23/25 23:21	1
N-Nitrosodi-n-propylamine	ND	*+	10.2	0.338	ug/L		12/22/25 12:14	12/23/25 23:21	1
N-Nitrosodiphenylamine	ND	*+	10.2	0.195	ug/L		12/22/25 12:14	12/23/25 23:21	1

Client Sample ID: 824-SW-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-6
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	2.87	ug/L		12/22/25 12:14	12/23/25 23:21	1
Phenanthrene	ND		10.2	0.758	ug/L		12/22/25 12:14	12/23/25 23:21	1
Phenol	ND		10.2	0.696	ug/L		12/22/25 12:14	12/23/25 23:21	1
Pyrene	ND		10.2	0.645	ug/L		12/22/25 12:14	12/23/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*10 - 150*	*12/22/25 12:14*	*12/23/25 23:21*	*1*
2-Fluorobiphenyl (Surr)	*107*		*25 - 139*	*12/22/25 12:14*	*12/23/25 23:21*	*1*
2-Fluorophenol (Surr)	*110*		*10 - 150*	*12/22/25 12:14*	*12/23/25 23:21*	*1*
Nitrobenzene-d5 (Surr)	*118*		*22 - 150*	*12/22/25 12:14*	*12/23/25 23:21*	*1*
Phenol-d5 (Surr)	*104*		*10 - 150*	*12/22/25 12:14*	*12/23/25 23:21*	*1*
Terphenyl-d14 (Surr)	*87*		*28 - 150*	*12/22/25 12:14*	*12/23/25 23:21*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**9.51**		1.00	0.767	mg/L			12/26/25 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/28/25 10:23	12/28/25 20:45	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:45	1
Barium	**28.6**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:45	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:45	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:45	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:45	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:45	1
Copper	**11.6**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:45	1
Lead	**3.39**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:45	1
Manganese	**24.1**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:45	1
Nickel	**1.30**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:45	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:45	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:45	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:45	1
Vanadium	**1.70**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:45	1
Zinc	**37.3**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.0587**		0.0500	0.0200	mg/L			12/29/25 12:27	1
Nitrate Nitrite as N (EPA 353.2)	**0.0227**	**J**	0.0500	0.0141	mg/L			01/05/26 12:53	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.34	J	10.0	4.04	ug/L			12/27/25 21:24	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 21:24	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 21:24	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 21:24	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 21:24	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 21:24	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 21:24	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 21:24	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 21:24	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 21:24	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 21:24	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 21:24	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 21:24	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 21:24	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 21:24	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 21:24	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 21:24	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 21:24	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 21:24	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 21:24	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 21:24	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 21:24	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 21:24	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 21:24	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 21:24	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 21:24	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 21:24	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 21:24	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 21:24	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 21:24	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 21:24	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 21:24	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 21:24	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 21:24	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 21:24	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 21:24	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 21:24	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 21:24	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 21:24	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 21:24	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 21:24	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 21:24	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 21:24	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 21:24	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 21:24	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 21:24	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 21:24	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 21:24	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 21:24	1

Client Sample ID: 824-SW-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-7
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			12/27/25 21:24	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 21:24	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 21:24	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 21:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 21:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 21:24	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 21:24	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 21:24	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 21:24	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 21:24	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 21:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 21:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 21:24	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 21:24	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 21:24	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 21:24	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 21:24	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 21:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 21:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 21:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 21:24	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 21:24	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 21:24	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*12/27/25 21:24*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/27/25 21:24*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 21:24*	*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	**0.614**		0.286	0.286	ug/L		12/22/25 15:03	12/24/25 01:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 140*	*12/22/25 15:03*	*12/24/25 01:04*	*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		12/22/25 12:14	12/23/25 23:52	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/22/25 12:14	12/23/25 23:52	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/22/25 12:14	12/23/25 23:52	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/22/25 12:14	12/23/25 23:52	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/22/25 12:14	12/23/25 23:52	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/22/25 12:14	12/23/25 23:52	1
2,4-Dinitrotoluene	ND	*+	10.1	0.659	ug/L		12/22/25 12:14	12/23/25 23:52	1
2,6-Dinitrotoluene	ND	*+	10.1	0.294	ug/L		12/22/25 12:14	12/23/25 23:52	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/22/25 12:14	12/23/25 23:52	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/22/25 12:14	12/23/25 23:52	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/22/25 12:14	12/23/25 23:52	1
2-Methylphenol	ND		10.1	0.770	ug/L		12/22/25 12:14	12/23/25 23:52	1

Client Sample ID: 824-SW-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	10.1	1.39	ug/L		12/22/25 12:14	12/23/25 23:52	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/22/25 12:14	12/23/25 23:52	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/22/25 12:14	12/23/25 23:52	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/22/25 12:14	12/23/25 23:52	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/22/25 12:14	12/23/25 23:52	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/22/25 12:14	12/23/25 23:52	1
4-Bromophenyl phenyl ether	ND	*+	10.1	0.132	ug/L		12/22/25 12:14	12/23/25 23:52	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/22/25 12:14	12/23/25 23:52	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/22/25 12:14	12/23/25 23:52	1
4-Chlorophenyl phenyl ether	ND	*+	10.1	0.243	ug/L		12/22/25 12:14	12/23/25 23:52	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/22/25 12:14	12/23/25 23:52	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/22/25 12:14	12/23/25 23:52	1
Acenaphthene	ND		10.1	0.639	ug/L		12/22/25 12:14	12/23/25 23:52	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/22/25 12:14	12/23/25 23:52	1
Acetophenone	ND		10.1	3.24	ug/L		12/22/25 12:14	12/23/25 23:52	1
Anthracene	ND		10.1	0.922	ug/L		12/22/25 12:14	12/23/25 23:52	1
Atrazine	ND		10.1	1.15	ug/L		12/22/25 12:14	12/23/25 23:52	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/22/25 12:14	12/23/25 23:52	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/22/25 12:14	12/23/25 23:52	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/22/25 12:14	12/23/25 23:52	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/22/25 12:14	12/23/25 23:52	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/22/25 12:14	12/23/25 23:52	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/22/25 12:14	12/23/25 23:52	1
bis (2-chloroisopropyl) ether	ND	*+	10.1	0.943	ug/L		12/22/25 12:14	12/23/25 23:52	1
Bis(2-chloroethoxy)methane	ND	*+	10.1	0.345	ug/L		12/22/25 12:14	12/23/25 23:52	1
Bis(2-chloroethyl)ether	ND	*+	10.1	0.740	ug/L		12/22/25 12:14	12/23/25 23:52	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/22/25 12:14	12/23/25 23:52	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/22/25 12:14	12/23/25 23:52	1
Caprolactam	ND		10.1	2.43	ug/L		12/22/25 12:14	12/23/25 23:52	1
Carbazole	ND	*+	10.1	0.324	ug/L		12/22/25 12:14	12/23/25 23:52	1
Chrysene	ND		10.1	1.22	ug/L		12/22/25 12:14	12/23/25 23:52	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/22/25 12:14	12/23/25 23:52	1
Dibenzofuran	ND	*+	10.1	0.649	ug/L		12/22/25 12:14	12/23/25 23:52	1
Diethyl phthalate	ND	*+	10.1	4.05	ug/L		12/22/25 12:14	12/23/25 23:52	1
Dimethyl phthalate	ND	*+	10.1	4.05	ug/L		12/22/25 12:14	12/23/25 23:52	1
Di-n-butyl phthalate	ND	*+	10.1	8.30	ug/L		12/22/25 12:14	12/23/25 23:52	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/22/25 12:14	12/23/25 23:52	1
Fluoranthene	ND		10.1	0.639	ug/L		12/22/25 12:14	12/23/25 23:52	1
Fluorene	ND		10.1	0.679	ug/L		12/22/25 12:14	12/23/25 23:52	1
Hexachlorobenzene	ND	*+	10.1	0.253	ug/L		12/22/25 12:14	12/23/25 23:52	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/22/25 12:14	12/23/25 23:52	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/22/25 12:14	12/23/25 23:52	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/22/25 12:14	12/23/25 23:52	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/22/25 12:14	12/23/25 23:52	1
Isophorone	ND	*+	10.1	0.811	ug/L		12/22/25 12:14	12/23/25 23:52	1
Naphthalene	ND		10.1	0.760	ug/L		12/22/25 12:14	12/23/25 23:52	1
Nitrobenzene	ND	*+	10.1	0.608	ug/L		12/22/25 12:14	12/23/25 23:52	1
N-Nitrosodi-n-propylamine	ND	*+	10.1	0.334	ug/L		12/22/25 12:14	12/23/25 23:52	1
N-Nitrosodiphenylamine	ND	*+	10.1	0.193	ug/L		12/22/25 12:14	12/23/25 23:52	1

Client Sample ID: 824-SW-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-7
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		12/22/25 12:14	12/23/25 23:52	1
Phenanthrene	ND		10.1	0.750	ug/L		12/22/25 12:14	12/23/25 23:52	1
Phenol	ND		10.1	0.689	ug/L		12/22/25 12:14	12/23/25 23:52	1
Pyrene	ND		10.1	0.639	ug/L		12/22/25 12:14	12/23/25 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*10 - 150*	*12/22/25 12:14*	*12/23/25 23:52*	*1*
2-Fluorobiphenyl (Surr)	*106*		*25 - 139*	*12/22/25 12:14*	*12/23/25 23:52*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 150*	*12/22/25 12:14*	*12/23/25 23:52*	*1*
Nitrobenzene-d5 (Surr)	*117*		*22 - 150*	*12/22/25 12:14*	*12/23/25 23:52*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*12/22/25 12:14*	*12/23/25 23:52*	*1*
Terphenyl-d14 (Surr)	*90*		*28 - 150*	*12/22/25 12:14*	*12/23/25 23:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**9.17**		1.00	0.767	mg/L			12/26/25 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/28/25 10:23	12/28/25 20:48	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:48	1
Barium	**27.5**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:48	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:48	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:48	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:48	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:48	1
Copper	**11.5**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:48	1
Lead	**2.76**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:48	1
Manganese	**23.0**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:48	1
Nickel	**1.28**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:48	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:48	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:48	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:48	1
Vanadium	**1.65**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:48	1
Zinc	**35.4**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.0447**	**J**	0.0500	0.0200	mg/L			12/29/25 12:29	1
Nitrate Nitrite as N (EPA 353.2)	**0.0236**	**J**	0.0500	0.0141	mg/L			01/05/26 12:55	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.29	J	10.0	4.04	ug/L			12/27/25 21:49	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 21:49	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 21:49	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 21:49	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 21:49	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 21:49	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 21:49	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 21:49	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 21:49	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 21:49	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 21:49	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 21:49	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 21:49	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 21:49	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 21:49	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 21:49	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 21:49	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 21:49	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 21:49	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 21:49	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 21:49	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 21:49	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 21:49	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 21:49	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 21:49	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 21:49	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 21:49	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 21:49	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 21:49	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 21:49	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 21:49	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 21:49	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 21:49	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 21:49	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 21:49	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 21:49	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 21:49	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 21:49	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 21:49	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 21:49	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 21:49	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 21:49	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 21:49	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 21:49	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 21:49	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 21:49	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 21:49	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 21:49	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 21:49	1

Client Sample ID: 824-SW-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-8
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			12/27/25 21:49	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 21:49	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 21:49	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 21:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 21:49	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 21:49	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 21:49	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 21:49	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 21:49	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 21:49	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 21:49	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 21:49	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 21:49	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 21:49	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 21:49	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 21:49	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 21:49	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 21:49	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 21:49	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 21:49	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 21:49	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 21:49	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*12/27/25 21:49*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*12/27/25 21:49*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*12/27/25 21:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.568**		0.299	0.299	ug/L		12/22/25 15:03	12/24/25 01:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 140*	*12/22/25 15:03*	*12/24/25 01:26*	*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		12/22/25 12:14	12/24/25 00:22	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		12/22/25 12:14	12/24/25 00:22	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/22/25 12:14	12/24/25 00:22	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		12/22/25 12:14	12/24/25 00:22	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/22/25 12:14	12/24/25 00:22	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		12/22/25 12:14	12/24/25 00:22	1
2,4-Dinitrotoluene	ND	*+	10.1	0.657	ug/L		12/22/25 12:14	12/24/25 00:22	1
2,6-Dinitrotoluene	ND	*+	10.1	0.293	ug/L		12/22/25 12:14	12/24/25 00:22	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		12/22/25 12:14	12/24/25 00:22	1
2-Chlorophenol	ND		10.1	0.848	ug/L		12/22/25 12:14	12/24/25 00:22	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		12/22/25 12:14	12/24/25 00:22	1
2-Methylphenol	ND		10.1	0.768	ug/L		12/22/25 12:14	12/24/25 00:22	1

Client Sample ID: 824-SW-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-8
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	*+	10.1	1.38	ug/L		12/22/25 12:14	12/24/25 00:22	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/22/25 12:14	12/24/25 00:22	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		12/22/25 12:14	12/24/25 00:22	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		12/22/25 12:14	12/24/25 00:22	1
3-Nitroaniline	ND		10.1	0.960	ug/L		12/22/25 12:14	12/24/25 00:22	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		12/22/25 12:14	12/24/25 00:22	1
4-Bromophenyl phenyl ether	ND	*+	10.1	0.131	ug/L		12/22/25 12:14	12/24/25 00:22	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		12/22/25 12:14	12/24/25 00:22	1
4-Chloroaniline	ND		10.1	0.586	ug/L		12/22/25 12:14	12/24/25 00:22	1
4-Chlorophenyl phenyl ether	ND	*+	10.1	0.242	ug/L		12/22/25 12:14	12/24/25 00:22	1
4-Nitroaniline	ND		10.1	3.54	ug/L		12/22/25 12:14	12/24/25 00:22	1
4-Nitrophenol	ND		10.1	2.77	ug/L		12/22/25 12:14	12/24/25 00:22	1
Acenaphthene	ND		10.1	0.636	ug/L		12/22/25 12:14	12/24/25 00:22	1
Acenaphthylene	ND		10.1	0.768	ug/L		12/22/25 12:14	12/24/25 00:22	1
Acetophenone	ND		10.1	3.23	ug/L		12/22/25 12:14	12/24/25 00:22	1
Anthracene	ND		10.1	0.919	ug/L		12/22/25 12:14	12/24/25 00:22	1
Atrazine	ND		10.1	1.14	ug/L		12/22/25 12:14	12/24/25 00:22	1
Benzaldehyde	ND		10.1	0.677	ug/L		12/22/25 12:14	12/24/25 00:22	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/22/25 12:14	12/24/25 00:22	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/22/25 12:14	12/24/25 00:22	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/22/25 12:14	12/24/25 00:22	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/22/25 12:14	12/24/25 00:22	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/22/25 12:14	12/24/25 00:22	1
bis (2-chloroisopropyl) ether	ND	*+	10.1	0.939	ug/L		12/22/25 12:14	12/24/25 00:22	1
Bis(2-chloroethoxy)methane	ND	*+	10.1	0.343	ug/L		12/22/25 12:14	12/24/25 00:22	1
Bis(2-chloroethyl)ether	ND	*+	10.1	0.737	ug/L		12/22/25 12:14	12/24/25 00:22	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		12/22/25 12:14	12/24/25 00:22	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		12/22/25 12:14	12/24/25 00:22	1
Caprolactam	ND		10.1	2.42	ug/L		12/22/25 12:14	12/24/25 00:22	1
Carbazole	ND	*+	10.1	0.323	ug/L		12/22/25 12:14	12/24/25 00:22	1
Chrysene	ND		10.1	1.21	ug/L		12/22/25 12:14	12/24/25 00:22	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/22/25 12:14	12/24/25 00:22	1
Dibenzofuran	ND	*+	10.1	0.646	ug/L		12/22/25 12:14	12/24/25 00:22	1
Diethyl phthalate	ND	*+	10.1	4.04	ug/L		12/22/25 12:14	12/24/25 00:22	1
Dimethyl phthalate	ND	*+	10.1	4.04	ug/L		12/22/25 12:14	12/24/25 00:22	1
Di-n-butyl phthalate	ND	*+	10.1	8.27	ug/L		12/22/25 12:14	12/24/25 00:22	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		12/22/25 12:14	12/24/25 00:22	1
Fluoranthene	ND		10.1	0.636	ug/L		12/22/25 12:14	12/24/25 00:22	1
Fluorene	ND		10.1	0.677	ug/L		12/22/25 12:14	12/24/25 00:22	1
Hexachlorobenzene	ND	*+	10.1	0.253	ug/L		12/22/25 12:14	12/24/25 00:22	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		12/22/25 12:14	12/24/25 00:22	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		12/22/25 12:14	12/24/25 00:22	1
Hexachloroethane	ND		10.1	0.535	ug/L		12/22/25 12:14	12/24/25 00:22	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/22/25 12:14	12/24/25 00:22	1
Isophorone	ND	*+	10.1	0.808	ug/L		12/22/25 12:14	12/24/25 00:22	1
Naphthalene	ND		10.1	0.758	ug/L		12/22/25 12:14	12/24/25 00:22	1
Nitrobenzene	ND	*+	10.1	0.606	ug/L		12/22/25 12:14	12/24/25 00:22	1
N-Nitrosodi-n-propylamine	ND	*+	10.1	0.333	ug/L		12/22/25 12:14	12/24/25 00:22	1
N-Nitrosodiphenylamine	ND	*+	10.1	0.192	ug/L		12/22/25 12:14	12/24/25 00:22	1

Client Sample ID: 824-SW-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-8
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		10.1	2.83	ug/L		12/22/25 12:14	12/24/25 00:22	1
Phenanthrene	ND		10.1	0.747	ug/L		12/22/25 12:14	12/24/25 00:22	1
Phenol	ND		10.1	0.687	ug/L		12/22/25 12:14	12/24/25 00:22	1
Pyrene	ND		10.1	0.636	ug/L		12/22/25 12:14	12/24/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*10 - 150*	*12/22/25 12:14*	*12/24/25 00:22*	*1*
2-Fluorobiphenyl (Surr)	*111*		*25 - 139*	*12/22/25 12:14*	*12/24/25 00:22*	*1*
2-Fluorophenol (Surr)	*136*		*10 - 150*	*12/22/25 12:14*	*12/24/25 00:22*	*1*
Nitrobenzene-d5 (Surr)	*125*		*22 - 150*	*12/22/25 12:14*	*12/24/25 00:22*	*1*
Phenol-d5 (Surr)	*146*		*10 - 150*	*12/22/25 12:14*	*12/24/25 00:22*	*1*
Terphenyl-d14 (Surr)	*89*		*28 - 150*	*12/22/25 12:14*	*12/24/25 00:22*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**8.91**		1.00	0.767	mg/L			12/27/25 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/28/25 10:23	12/28/25 20:50	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:50	1
Barium	**26.9**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:50	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:50	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:50	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:50	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:50	1
Copper	**12.1**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:50	1
Lead	**2.75**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:50	1
Manganese	**21.7**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:50	1
Nickel	**1.59**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:50	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:50	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:50	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:50	1
Vanadium	**1.63**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:50	1
Zinc	**36.5**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:50	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		12/31/25 11:05	12/31/25 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.0437**	**J**	0.0500	0.0200	mg/L			12/29/25 12:30	1
Nitrate Nitrite as N (EPA 353.2)	**0.0252**	**J**	0.0500	0.0141	mg/L			01/05/26 13:00	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.95	J	10.0	4.04	ug/L			12/27/25 22:14	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 22:14	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 22:14	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 22:14	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 22:14	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 22:14	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 22:14	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 22:14	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 22:14	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 22:14	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 22:14	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 22:14	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 22:14	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 22:14	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 22:14	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 22:14	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 22:14	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 22:14	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 22:14	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 22:14	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 22:14	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 22:14	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 22:14	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 22:14	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 22:14	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 22:14	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 22:14	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 22:14	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 22:14	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 22:14	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 22:14	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 22:14	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 22:14	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 22:14	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 22:14	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 22:14	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 22:14	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 22:14	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 22:14	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 22:14	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 22:14	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 22:14	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 22:14	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 22:14	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 22:14	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 22:14	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 22:14	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 22:14	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 22:14	1

Client Sample ID: 824-SW-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/27/25 22:14	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 22:14	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 22:14	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 22:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 22:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 22:14	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 22:14	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 22:14	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 22:14	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 22:14	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 22:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 22:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 22:14	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 22:14	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 22:14	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 22:14	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 22:14	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 22:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 22:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 22:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 22:14	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 22:14	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 22:14	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*12/27/25 22:14*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*12/27/25 22:14*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 22:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.697**		0.293	0.293	ug/L		12/22/25 15:03	12/24/25 01:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*12/22/25 15:03*	*12/24/25 01:47*	*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		12/22/25 12:14	12/24/25 00:52	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/22/25 12:14	12/24/25 00:52	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/22/25 12:14	12/24/25 00:52	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/22/25 12:14	12/24/25 00:52	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/22/25 12:14	12/24/25 00:52	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/22/25 12:14	12/24/25 00:52	1
2,4-Dinitrotoluene	ND	*+	10.1	0.659	ug/L		12/22/25 12:14	12/24/25 00:52	1
2,6-Dinitrotoluene	ND	*+	10.1	0.294	ug/L		12/22/25 12:14	12/24/25 00:52	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/22/25 12:14	12/24/25 00:52	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/22/25 12:14	12/24/25 00:52	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/22/25 12:14	12/24/25 00:52	1
2-Methylphenol	ND		10.1	0.770	ug/L		12/22/25 12:14	12/24/25 00:52	1

Client Sample ID: 824-SW-1
Lab Sample ID: 752-40518-9
Date Collected: 12/19/25 11:15
Matrix: Water
Date Received: 12/19/25 14:20

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		12/22/25 12:14	12/24/25 00:52	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/22/25 12:14	12/24/25 00:52	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/22/25 12:14	12/24/25 00:52	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/22/25 12:14	12/24/25 00:52	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/22/25 12:14	12/24/25 00:52	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/22/25 12:14	12/24/25 00:52	1
4-Bromophenyl phenyl ether	ND	*+	10.1	0.132	ug/L		12/22/25 12:14	12/24/25 00:52	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/22/25 12:14	12/24/25 00:52	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/22/25 12:14	12/24/25 00:52	1
4-Chlorophenyl phenyl ether	ND	*+	10.1	0.243	ug/L		12/22/25 12:14	12/24/25 00:52	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/22/25 12:14	12/24/25 00:52	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/22/25 12:14	12/24/25 00:52	1
Acenaphthene	ND		10.1	0.639	ug/L		12/22/25 12:14	12/24/25 00:52	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/22/25 12:14	12/24/25 00:52	1
Acetophenone	ND		10.1	3.24	ug/L		12/22/25 12:14	12/24/25 00:52	1
Anthracene	ND		10.1	0.922	ug/L		12/22/25 12:14	12/24/25 00:52	1
Atrazine	ND		10.1	1.15	ug/L		12/22/25 12:14	12/24/25 00:52	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/22/25 12:14	12/24/25 00:52	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/22/25 12:14	12/24/25 00:52	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/22/25 12:14	12/24/25 00:52	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/22/25 12:14	12/24/25 00:52	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/22/25 12:14	12/24/25 00:52	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/22/25 12:14	12/24/25 00:52	1
bis (2-chloroisopropyl) ether	ND	*+	10.1	0.943	ug/L		12/22/25 12:14	12/24/25 00:52	1
Bis(2-chloroethoxy)methane	ND	*+	10.1	0.345	ug/L		12/22/25 12:14	12/24/25 00:52	1
Bis(2-chloroethyl)ether	ND	*+	10.1	0.740	ug/L		12/22/25 12:14	12/24/25 00:52	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/22/25 12:14	12/24/25 00:52	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/22/25 12:14	12/24/25 00:52	1
Caprolactam	ND		10.1	2.43	ug/L		12/22/25 12:14	12/24/25 00:52	1
Carbazole	ND	*+	10.1	0.324	ug/L		12/22/25 12:14	12/24/25 00:52	1
Chrysene	ND		10.1	1.22	ug/L		12/22/25 12:14	12/24/25 00:52	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/22/25 12:14	12/24/25 00:52	1
Dibenzofuran	ND	*+	10.1	0.649	ug/L		12/22/25 12:14	12/24/25 00:52	1
Diethyl phthalate	ND	*+	10.1	4.05	ug/L		12/22/25 12:14	12/24/25 00:52	1
Dimethyl phthalate	ND	*+	10.1	4.05	ug/L		12/22/25 12:14	12/24/25 00:52	1
Di-n-butyl phthalate	ND	*+	10.1	8.30	ug/L		12/22/25 12:14	12/24/25 00:52	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/22/25 12:14	12/24/25 00:52	1
Fluoranthene	ND		10.1	0.639	ug/L		12/22/25 12:14	12/24/25 00:52	1
Fluorene	ND		10.1	0.679	ug/L		12/22/25 12:14	12/24/25 00:52	1
Hexachlorobenzene	ND	*+	10.1	0.253	ug/L		12/22/25 12:14	12/24/25 00:52	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/22/25 12:14	12/24/25 00:52	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/22/25 12:14	12/24/25 00:52	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/22/25 12:14	12/24/25 00:52	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/22/25 12:14	12/24/25 00:52	1
Isophorone	ND	*+	10.1	0.811	ug/L		12/22/25 12:14	12/24/25 00:52	1
Naphthalene	ND		10.1	0.760	ug/L		12/22/25 12:14	12/24/25 00:52	1
Nitrobenzene	ND	*+	10.1	0.608	ug/L		12/22/25 12:14	12/24/25 00:52	1
N-Nitrosodi-n-propylamine	ND	*+	10.1	0.334	ug/L		12/22/25 12:14	12/24/25 00:52	1
N-Nitrosodiphenylamine	ND	*+	10.1	0.193	ug/L		12/22/25 12:14	12/24/25 00:52	1

Client Sample ID: 824-SW-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.84	ug/L		12/22/25 12:14	12/24/25 00:52	1
Phenanthrene	ND		10.1	0.750	ug/L		12/22/25 12:14	12/24/25 00:52	1
Phenol	ND		10.1	0.689	ug/L		12/22/25 12:14	12/24/25 00:52	1
Pyrene	ND		10.1	0.639	ug/L		12/22/25 12:14	12/24/25 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*10 - 150*	*12/22/25 12:14*	*12/24/25 00:52*	*1*
2-Fluorobiphenyl (Surr)	*107*		*25 - 139*	*12/22/25 12:14*	*12/24/25 00:52*	*1*
2-Fluorophenol (Surr)	*106*		*10 - 150*	*12/22/25 12:14*	*12/24/25 00:52*	*1*
Nitrobenzene-d5 (Surr)	*123*		*22 - 150*	*12/22/25 12:14*	*12/24/25 00:52*	*1*
Phenol-d5 (Surr)	*97*		*10 - 150*	*12/22/25 12:14*	*12/24/25 00:52*	*1*
Terphenyl-d14 (Surr)	*91*		*28 - 150*	*12/22/25 12:14*	*12/24/25 00:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**8.46**		1.00	0.767	mg/L			12/27/25 02:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/28/25 10:23	12/28/25 20:52	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 20:52	1
Barium	**27.4**		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 20:52	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 20:52	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 20:52	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 20:52	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 20:52	1
Copper	**10.9**		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 20:52	1
Lead	**2.81**		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 20:52	1
Manganese	**27.2**		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 20:52	1
Nickel	**1.10**	**J**	5.00	0.422	ug/L		12/28/25 10:23	12/28/25 20:52	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 20:52	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 20:52	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 20:52	1
Vanadium	**1.57**	**J**	5.00	1.22	ug/L		12/28/25 10:23	12/28/25 20:52	1
Zinc	**32.1**		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 20:52	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		12/31/25 11:05	12/31/25 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	**0.0342**	**J**	0.0500	0.0200	mg/L			12/29/25 12:32	1
Nitrate Nitrite as N (EPA 353.2)	**0.0297**	**J**	0.0500	0.0141	mg/L			01/05/26 13:02	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:24	1

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

Job ID: 752-40518-1

Client Sample ID: Trip Blank
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/02/26 14:07	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 18:29	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 18:29	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 18:29	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 18:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 18:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 18:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 18:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 18:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 18:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 18:29	1
Chloroethane	ND	*+	1.00	0.374	ug/L			12/27/25 18:29	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 18:29	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 18:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 18:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 18:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 18:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 18:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 18:29	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 18:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 18:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 18:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 18:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 18:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 18:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 18:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 18:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 18:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 18:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 18:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 18:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 18:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 18:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 18:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 18:29	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 18:29	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 18:29	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 18:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 18:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 18:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 18:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 18:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 18:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 18:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 18:29	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 18:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 18:29	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 18:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/27/25 18:29	1

Client Sample ID: Trip Blank
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/27/25 18:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 18:29	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 18:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 18:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 18:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 18:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 18:29	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 18:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 18:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 18:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 18:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 18:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 18:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 18:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 18:29	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 18:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 18:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 18:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 18:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 18:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 18:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 18:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 18:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/27/25 18:29*	*1*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/02/26 14:07*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/27/25 18:29*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*01/02/26 14:07*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/27/25 18:29*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*01/02/26 14:07*	*1*

Surrogate Summary

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

Job ID: 752-40518-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB	DBFM	TOL						
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)						
752-40518-1	824-SW-8	91	106	101						
752-40518-2	824-SW-7	92	108	101						
752-40518-3	824-SW-6	92	107	101						
752-40518-3 MS	824-SW-6	99	99	100						
752-40518-4	824-SW-5	90	105	101						
752-40518-4 DU	824-SW-5	90	106	102						
752-40518-5	824-SW-Dup	89	106	101						
752-40518-6	824-SW-4	91	107	101						
752-40518-7	824-SW-3	90	107	101						
752-40518-8	824-SW-2	90	106	102						
752-40518-9	824-SW-1	89	106	101						
752-40518-10	Trip Blank	91	107	101						
752-40518-10	Trip Blank	95	105	101						
LCS 705-104410/1001	Lab Control Sample	87	100	96						
LCS 705-104410/1002	Lab Control Sample	104	100	102						
LCS 705-105543/1002	Lab Control Sample	101	103	99						
MB 705-104410/5	Method Blank	90	102	99						
MB 705-105543/6	Method Blank	98	105	99						

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)		
752-40518-1	824-SW-8	103	103	131	120	137	84		
752-40518-2	824-SW-7	108	106	129	122	131	92		
752-40518-3	824-SW-6	121	110	126	127	126	95		
752-40518-4	824-SW-5	110	112	110	124	107	108		
752-40518-5	824-SW-Dup	119	112	113	118	110	96		
752-40518-6	824-SW-4	115	107	110	118	104	87		
752-40518-7	824-SW-3	111	106	93	117	84	90		
752-40518-8	824-SW-2	114	111	136	125	146	89		
752-40518-9	824-SW-1	115	107	106	123	97	91		
LCS 400-734605/2-A	Lab Control Sample	141	119	102	135	96	62		
LCSD 400-734605/3-B	Lab Control Sample Dup	127	111	120	135	125	70		
MB 400-734605/1-A	Method Blank	131	113	109	129	96	89		

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: Walltown Park

Job ID: 752-40518-1

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)						
752-40518-1	824-SW-8	40						
752-40518-2	824-SW-7	38						
752-40518-3	824-SW-6	36						
752-40518-4	824-SW-5	37						
752-40518-5	824-SW-Dup	33						
752-40518-6	824-SW-4	40						
752-40518-7	824-SW-3	35						
752-40518-8	824-SW-2	39						
752-40518-9	824-SW-1	27						
LCS 400-734651/2-A	Lab Control Sample	50						
MB 400-734651/1-A	Method Blank	47						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Job ID: 752-40518-1

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

Lab Sample ID: MB 705-104410/5
Matrix: Water
Analysis Batch: 104410

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			12/27/25 16:25	1
Benzene	ND		1.00	0.200	ug/L			12/27/25 16:25	1
Bromobenzene	ND		1.00	0.222	ug/L			12/27/25 16:25	1
Bromoform	ND		1.00	0.458	ug/L			12/27/25 16:25	1
Bromomethane	ND		1.00	0.470	ug/L			12/27/25 16:25	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/27/25 16:25	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/27/25 16:25	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/27/25 16:25	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/27/25 16:25	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/27/25 16:25	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/27/25 16:25	1
Chloroethane	ND		1.00	0.374	ug/L			12/27/25 16:25	1
Chloroform	ND		1.00	0.216	ug/L			12/27/25 16:25	1
Chloromethane	ND		1.00	0.371	ug/L			12/27/25 16:25	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/27/25 16:25	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/27/25 16:25	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/27/25 16:25	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/27/25 16:25	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/27/25 16:25	1
Dibromomethane	ND		1.00	0.318	ug/L			12/27/25 16:25	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 16:25	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/27/25 16:25	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/27/25 16:25	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/27/25 16:25	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/27/25 16:25	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/27/25 16:25	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/27/25 16:25	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/27/25 16:25	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/27/25 16:25	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/27/25 16:25	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/27/25 16:25	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/27/25 16:25	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/27/25 16:25	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/27/25 16:25	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/27/25 16:25	1
Hexane	ND		10.0	3.63	ug/L			12/27/25 16:25	1
2-Hexanone	ND		10.0	3.47	ug/L			12/27/25 16:25	1
Iodomethane	ND		2.00	0.403	ug/L			12/27/25 16:25	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/27/25 16:25	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/27/25 16:25	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/27/25 16:25	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/27/25 16:25	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/27/25 16:25	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/27/25 16:25	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/27/25 16:25	1
Naphthalene	ND		2.00	1.56	ug/L			12/27/25 16:25	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/27/25 16:25	1
n-Heptane	ND		10.0	3.05	ug/L			12/27/25 16:25	1

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

Lab Sample ID: MB 705-104410/5
Matrix: Water
Analysis Batch: 104410

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			12/27/25 16:25	1
o-Xylene	ND		1.00	0.270	ug/L			12/27/25 16:25	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/27/25 16:25	1
Styrene	ND		1.00	0.194	ug/L			12/27/25 16:25	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/27/25 16:25	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/27/25 16:25	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/27/25 16:25	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/27/25 16:25	1
Toluene	ND		1.00	0.197	ug/L			12/27/25 16:25	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/27/25 16:25	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/27/25 16:25	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/27/25 16:25	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/27/25 16:25	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/27/25 16:25	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/27/25 16:25	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/27/25 16:25	1
Trichloroethene	ND		1.00	0.211	ug/L			12/27/25 16:25	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/27/25 16:25	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/27/25 16:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/27/25 16:25	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/27/25 16:25	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/27/25 16:25	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/27/25 16:25	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/27/25 16:25	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/27/25 16:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*12/27/25 16:25*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/27/25 16:25*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/27/25 16:25*	*1*

Lab Sample ID: LCS 705-104410/1001
Matrix: Water
Analysis Batch: 104410

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	39.89		ug/L		100	25 - 150		
Isopropyl ether			20.0	18.29		ug/L		91	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*87*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*96*		*79 - 119*

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

Lab Sample ID: LCS 705-104410/1002
Matrix: Water
Analysis Batch: 104410

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	42.95		ug/L		107	62 - 136
Benzene	20.0	20.96		ug/L		105	76 - 122
Bromobenzene	20.0	19.87		ug/L		99	77 - 125
Bromoform	20.0	22.39		ug/L		112	65 - 129
Bromomethane	20.0	21.38		ug/L		107	60 - 138
2-Butanone (MEK)	40.0	43.60		ug/L		109	74 - 131
Carbon disulfide	20.0	22.20		ug/L		111	71 - 122
Carbon tetrachloride	20.0	22.40		ug/L		112	72 - 131
Chlorobenzene	20.0	21.35		ug/L		107	75 - 121
Chlorobromomethane	20.0	21.65		ug/L		108	77 - 120
Chlorodibromomethane	20.0	21.86		ug/L		109	70 - 131
Chloroethane	20.0	27.80	*+	ug/L		139	55 - 138
Chloroform	20.0	21.62		ug/L		108	73 - 121
Chloromethane	20.0	21.50		ug/L		108	57 - 129
2-Chlorotoluene	20.0	20.61		ug/L		103	75 - 123
4-Chlorotoluene	20.0	21.51		ug/L		108	76 - 124
cis-1,2-Dichloroethene	20.0	20.83		ug/L		104	76 - 121
cis-1,3-Dichloropropene	20.0	20.96		ug/L		105	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	20.29		ug/L		101	64 - 125
Dibromomethane	20.0	21.30		ug/L		106	70 - 130
1,2-Dichlorobenzene	20.0	21.39		ug/L		107	69 - 127
1,3-Dichlorobenzene	20.0	21.06		ug/L		105	68 - 128
1,4-Dichlorobenzene	20.0	20.59		ug/L		103	68 - 126
Dichlorobromomethane	20.0	21.97		ug/L		110	70 - 124
1,1-Dichloroethane	20.0	21.70		ug/L		108	65 - 126
1,2-Dichloroethane	20.0	21.29		ug/L		106	72 - 127
1,1-Dichloroethene	20.0	21.11		ug/L		106	69 - 130
1,2-Dichloropropane	20.0	21.35		ug/L		107	71 - 121
1,3-Dichloropropane	20.0	22.04		ug/L		110	76 - 125
2,2-Dichloropropane	20.0	23.04		ug/L		115	71 - 131
1,1-Dichloropropene	20.0	21.48		ug/L		107	74 - 129
Ethylbenzene	20.0	20.47		ug/L		102	75 - 127
Ethylene Dibromide	20.0	22.32		ug/L		112	68 - 133
Hexachlorobutadiene	20.0	20.68		ug/L		103	65 - 137
Hexane	20.0	21.93		ug/L		110	25 - 150
2-Hexanone	40.0	45.68		ug/L		114	70 - 130
Iodomethane	20.0	20.57		ug/L		103	50 - 150
Isopropylbenzene	20.0	19.97		ug/L		100	76 - 125
4-Isopropyltoluene	20.0	20.97		ug/L		105	78 - 126
Methylene Chloride	20.0	20.88		ug/L		104	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	46.15		ug/L		115	76 - 122
Methyl tert-butyl ether	20.0	21.41		ug/L		107	76 - 123
m-Xylene & p-Xylene	20.0	20.18		ug/L		101	76 - 128
Naphthalene	20.0	18.47		ug/L		92	67 - 129
n-Butylbenzene	20.0	20.65		ug/L		103	71 - 131
n-Heptane	20.0	23.67		ug/L		118	25 - 150
N-Propylbenzene	20.0	20.52		ug/L		103	75 - 127
o-Xylene	20.0	20.33		ug/L		102	78 - 124

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

Lab Sample ID: LCS 705-104410/1002
Matrix: Water
Analysis Batch: 104410

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	21.39		ug/L		107	74 - 127
Styrene	20.0	22.47		ug/L		112	71 - 129
tert-Butylbenzene	20.0	20.19		ug/L		101	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.31		ug/L		112	76 - 130
1,1,2,2-Tetrachloroethane	20.0	21.64		ug/L		108	73 - 127
Tetrachloroethene	20.0	22.54		ug/L		113	74 - 129
Toluene	20.0	20.88		ug/L		104	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.90		ug/L		94	50 - 150
trans-1,2-Dichloroethene	20.0	21.94		ug/L		110	74 - 124
trans-1,3-Dichloropropene	20.0	20.50		ug/L		102	59 - 135
1,2,3-Trichlorobenzene	20.0	19.93		ug/L		100	65 - 130
1,2,4-Trichlorobenzene	20.0	18.73		ug/L		94	65 - 131
1,1,1-Trichloroethane	20.0	22.10		ug/L		110	71 - 124
1,1,2-Trichloroethane	20.0	22.59		ug/L		113	69 - 127
Trichloroethene	20.0	21.29		ug/L		106	72 - 129
Trichlorofluoromethane	20.0	22.81		ug/L		114	63 - 142
1,2,3-Trichloropropane	20.0	22.46		ug/L		112	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.77		ug/L		119	74 - 122
1,2,4-Trimethylbenzene	20.0	21.33		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	20.0	21.07		ug/L		105	79 - 124
Vinyl acetate	40.0	44.48		ug/L		111	50 - 150
Vinyl chloride	20.0	21.72		ug/L		109	65 - 132
Xylenes, Total	40.0	40.51		ug/L		101	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*102*		*79 - 119*

Lab Sample ID: 752-40518-3 MS
Matrix: Water
Analysis Batch: 104410

Client Sample ID: 824-SW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	7.34	J	40.0	42.11		ug/L		87	50 - 150
Benzene	ND		20.0	19.95		ug/L		100	71 - 133
Bromobenzene	ND		20.0	18.72		ug/L		94	73 - 130
Bromoform	ND		20.0	19.73		ug/L		99	59 - 130
Bromomethane	ND		20.0	19.36		ug/L		97	50 - 150
2-Butanone (MEK)	ND		40.0	37.88		ug/L		95	50 - 150
Carbon disulfide	ND		20.0	19.89		ug/L		99	50 - 150
Carbon tetrachloride	ND		20.0	21.63		ug/L		108	70 - 139
Chlorobenzene	ND		20.0	19.85		ug/L		99	78 - 128
Chlorobromomethane	ND		20.0	19.76		ug/L		99	70 - 133
Chlorodibromomethane	ND		20.0	19.27		ug/L		96	69 - 130
Chloroethane	ND	*+	20.0	25.60		ug/L		128	50 - 150
Chloroform	ND		20.0	19.53		ug/L		98	70 - 132
Chloromethane	ND		20.0	18.89		ug/L		94	50 - 150

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

Lab Sample ID: 752-40518-3 MS
Matrix: Water
Analysis Batch: 104410

Client Sample ID: 824-SW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	ND		20.0	19.28		ug/L		96	70 - 131
4-Chlorotoluene	ND		20.0	20.00		ug/L		100	72 - 130
cis-1,2-Dichloroethene	ND		20.0	19.61		ug/L		98	72 - 133
cis-1,3-Dichloropropene	ND		20.0	18.86		ug/L		94	70 - 128
1,2-Dibromo-3-Chloropropane	ND		20.0	17.46		ug/L		87	63 - 127
Dibromomethane	ND		20.0	19.92		ug/L		100	72 - 130
1,2-Dichlorobenzene	ND		20.0	19.71		ug/L		99	76 - 125
1,3-Dichlorobenzene	ND		20.0	19.74		ug/L		99	76 - 126
1,4-Dichlorobenzene	ND		20.0	19.12		ug/L		96	76 - 124
Dichlorobromomethane	ND		20.0	20.19		ug/L		101	68 - 133
1,1-Dichloroethane	ND		20.0	19.61		ug/L		98	70 - 133
1,2-Dichloroethane	ND		20.0	20.00		ug/L		100	71 - 133
1,1-Dichloroethene	ND		20.0	19.43		ug/L		97	69 - 139
1,2-Dichloropropane	ND		20.0	20.88		ug/L		104	69 - 132
1,3-Dichloropropane	ND		20.0	18.77		ug/L		94	72 - 131
2,2-Dichloropropane	ND		20.0	20.80		ug/L		104	63 - 138
1,1-Dichloropropene	ND		20.0	20.74		ug/L		104	77 - 138
Ethyl acetate	ND		40.0	54.69		ug/L		137	50 - 150
Ethylbenzene	ND		20.0	18.99		ug/L		95	75 - 131
Ethylene Dibromide	ND		20.0	20.06		ug/L		100	76 - 129
Hexachlorobutadiene	ND		20.0	19.77		ug/L		99	65 - 138
Hexane	ND		20.0	20.33		ug/L		102	50 - 150
2-Hexanone	ND		40.0	36.65		ug/L		92	50 - 150
Iodomethane	ND		20.0	17.94		ug/L		90	50 - 150
Isopropylbenzene	ND		20.0	19.36		ug/L		97	73 - 135
Isopropyl ether	ND		20.0	20.14		ug/L		101	73 - 133
4-Isopropyltoluene	ND		20.0	19.80		ug/L		99	74 - 132
Methylene Chloride	ND		20.0	18.70		ug/L		93	66 - 132
4-Methyl-2-pentanone (MIBK)	ND		40.0	40.60		ug/L		101	50 - 150
Methyl tert-butyl ether	ND		20.0	19.27		ug/L		96	70 - 130
m-Xylene & p-Xylene	ND		20.0	18.44		ug/L		92	73 - 133
Naphthalene	ND		20.0	17.01		ug/L		85	63 - 134
n-Butylbenzene	ND		20.0	19.76		ug/L		99	70 - 136
n-Heptane	ND		20.0	21.93		ug/L		110	50 - 150
N-Propylbenzene	ND		20.0	19.29		ug/L		96	72 - 135
o-Xylene	ND		20.0	18.10		ug/L		91	73 - 132
sec-Butylbenzene	ND		20.0	20.04		ug/L		100	71 - 134
Styrene	ND		20.0	19.59		ug/L		98	73 - 133
tert-Butylbenzene	ND		20.0	25.36		ug/L		127	70 - 134
1,1,1,2-Tetrachloroethane	ND		20.0	19.80		ug/L		99	69 - 133
1,1,2,2-Tetrachloroethane	ND		20.0	20.01		ug/L		100	68 - 132
Tetrachloroethene	ND		20.0	24.14		ug/L		121	74 - 135
Toluene	ND		20.0	20.13		ug/L		101	72 - 134
trans-1,4-Dichloro-2-butene	ND		20.0	16.22		ug/L		81	50 - 150
trans-1,2-Dichloroethene	ND		20.0	19.57		ug/L		98	71 - 132
trans-1,3-Dichloropropene	ND		20.0	19.17		ug/L		96	60 - 125
1,2,3-Trichlorobenzene	ND		20.0	18.48		ug/L		92	62 - 135
1,2,4-Trichlorobenzene	ND		20.0	17.61		ug/L		88	61 - 135
1,1,1-Trichloroethane	ND		20.0	20.14		ug/L		101	69 - 135

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

Lab Sample ID: 752-40518-3 MS
Matrix: Water
Analysis Batch: 104410

Client Sample ID: 824-SW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND		20.0	20.06		ug/L		100	71 - 133
Trichloroethene	ND		20.0	21.22		ug/L		106	77 - 136
Trichlorofluoromethane	ND		20.0	21.80		ug/L		109	69 - 133
1,2,3-Trichloropropane	ND		20.0	19.60		ug/L		98	66 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	21.52		ug/L		108	50 - 150
1,2,4-Trimethylbenzene	ND		20.0	19.77		ug/L		99	74 - 133
1,3,5-Trimethylbenzene	ND		20.0	19.74		ug/L		99	75 - 132
Vinyl acetate	ND		40.0	54.84		ug/L		137	50 - 150
Vinyl chloride	ND		20.0	20.41		ug/L		102	66 - 138
Xylenes, Total	ND		40.0	36.54		ug/L		91	74 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

Lab Sample ID: 752-40518-4 DU
Matrix: Water
Analysis Batch: 104410

Client Sample ID: 824-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	11.2		7.884	J F5	ug/L		35	30
Benzene	ND		ND		ug/L		NC	30
Bromobenzene	ND		ND		ug/L		NC	30
Bromoform	ND		ND		ug/L		NC	30
Bromomethane	ND		ND		ug/L		NC	30
2-Butanone (MEK)	ND		ND		ug/L		NC	30
Carbon disulfide	ND		ND		ug/L		NC	30
Carbon tetrachloride	ND		ND		ug/L		NC	30
Chlorobenzene	ND		ND		ug/L		NC	30
Chlorobromomethane	ND		ND		ug/L		NC	30
Chlorodibromomethane	ND		ND		ug/L		NC	30
Chloroethane	ND	*+	ND	*+	ug/L		NC	30
Chloroform	ND		ND		ug/L		NC	30
Chloromethane	ND		ND		ug/L		NC	30
2-Chlorotoluene	ND		ND		ug/L		NC	30
4-Chlorotoluene	ND		ND		ug/L		NC	30
cis-1,2-Dichloroethene	ND		ND		ug/L		NC	30
cis-1,3-Dichloropropene	ND		ND		ug/L		NC	30
1,2-Dibromo-3-Chloropropane	ND		ND		ug/L		NC	30
Dibromomethane	ND		ND		ug/L		NC	30
1,2-Dichlorobenzene	ND		ND		ug/L		NC	30
1,3-Dichlorobenzene	ND		ND		ug/L		NC	30
1,4-Dichlorobenzene	ND		ND		ug/L		NC	30
Dichlorobromomethane	ND		ND		ug/L		NC	30
1,1-Dichloroethane	ND		ND		ug/L		NC	30
1,2-Dichloroethane	ND		ND		ug/L		NC	30
1,1-Dichloroethene	ND		ND		ug/L		NC	30

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

Lab Sample ID: 752-40518-4 DU
Matrix: Water
Analysis Batch: 104410

Client Sample ID: 824-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloropropane	ND			ND		ug/L				NC	30
1,3-Dichloropropane	ND			ND		ug/L				NC	30
2,2-Dichloropropane	ND			ND		ug/L				NC	30
1,1-Dichloropropene	ND			ND		ug/L				NC	30
Ethyl acetate	ND			ND		ug/L				NC	30
Ethylbenzene	ND			ND		ug/L				NC	30
Ethylene Dibromide	ND			ND		ug/L				NC	30
Hexachlorobutadiene	ND			ND		ug/L				NC	30
Hexane	ND			ND		ug/L				NC	30
2-Hexanone	ND			ND		ug/L				NC	30
Iodomethane	ND			ND		ug/L				NC	30
Isopropylbenzene	ND			ND		ug/L				NC	30
Isopropyl ether	ND			ND		ug/L				NC	30
4-Isopropyltoluene	ND			ND		ug/L				NC	30
Methylene Chloride	ND			ND		ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	ND			ND		ug/L				NC	30
Methyl tert-butyl ether	ND			ND		ug/L				NC	30
m-Xylene & p-Xylene	ND			ND		ug/L				NC	30
Naphthalene	ND			ND		ug/L				NC	30
n-Butylbenzene	ND			ND		ug/L				NC	30
n-Heptane	ND			ND		ug/L				NC	30
N-Propylbenzene	ND			ND		ug/L				NC	30
o-Xylene	ND			ND		ug/L				NC	30
sec-Butylbenzene	ND			ND		ug/L				NC	30
Styrene	ND			ND		ug/L				NC	30
tert-Butylbenzene	ND			ND		ug/L				NC	30
1,1,1,2-Tetrachloroethane	ND			ND		ug/L				NC	30
1,1,2,2-Tetrachloroethane	ND			ND		ug/L				NC	30
Tetrachloroethene	ND			ND		ug/L				NC	30
Toluene	ND			ND		ug/L				NC	30
trans-1,4-Dichloro-2-butene	ND			ND		ug/L				NC	30
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	30
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	30
1,2,3-Trichlorobenzene	ND			ND		ug/L				NC	30
1,2,4-Trichlorobenzene	ND			ND		ug/L				NC	30
1,1,1-Trichloroethane	ND			ND		ug/L				NC	30
1,1,2-Trichloroethane	ND			ND		ug/L				NC	30
Trichloroethene	ND			ND		ug/L				NC	30
Trichlorofluoromethane	ND			ND		ug/L				NC	30
1,2,3-Trichloropropane	ND			ND		ug/L				NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND			ND		ug/L				NC	30
1,2,4-Trimethylbenzene	ND			ND		ug/L				NC	30
1,3,5-Trimethylbenzene	ND			ND		ug/L				NC	30
Vinyl acetate	ND			ND		ug/L				NC	30
Vinyl chloride	ND			ND		ug/L				NC	30
Xylenes, Total	ND			ND		ug/L				NC	30

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

Lab Sample ID: 752-40518-4 DU
Matrix: Water
Analysis Batch: 104410

Client Sample ID: 824-SW-5
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	*90*		*70 - 126*
Dibromofluoromethane	*106*		*77 - 121*
Toluene-d8 (Surr)	*102*		*79 - 119*

Lab Sample ID: MB 705-105543/6
Matrix: Water
Analysis Batch: 105543

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/02/26 13:34	1
Benzene	ND		1.00	0.200	ug/L			01/02/26 13:34	1
Bromobenzene	ND		1.00	0.222	ug/L			01/02/26 13:34	1
Bromoform	ND		1.00	0.458	ug/L			01/02/26 13:34	1
Bromomethane	ND		1.00	0.470	ug/L			01/02/26 13:34	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/02/26 13:34	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/02/26 13:34	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/02/26 13:34	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/02/26 13:34	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/02/26 13:34	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/02/26 13:34	1
Chloroethane	ND		1.00	0.374	ug/L			01/02/26 13:34	1
Chloroform	ND		1.00	0.216	ug/L			01/02/26 13:34	1
Chloromethane	ND		1.00	0.371	ug/L			01/02/26 13:34	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/02/26 13:34	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/02/26 13:34	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/02/26 13:34	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/02/26 13:34	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/02/26 13:34	1
Dibromomethane	ND		1.00	0.318	ug/L			01/02/26 13:34	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/02/26 13:34	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/02/26 13:34	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/02/26 13:34	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/02/26 13:34	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/02/26 13:34	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/02/26 13:34	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/02/26 13:34	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/02/26 13:34	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/02/26 13:34	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/02/26 13:34	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/02/26 13:34	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/02/26 13:34	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/02/26 13:34	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/02/26 13:34	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/02/26 13:34	1
Hexane	ND		10.0	3.63	ug/L			01/02/26 13:34	1
2-Hexanone	ND		10.0	3.47	ug/L			01/02/26 13:34	1
Iodomethane	ND		2.00	0.403	ug/L			01/02/26 13:34	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/02/26 13:34	1

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

Lab Sample ID: MB 705-105543/6
Matrix: Water
Analysis Batch: 105543

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	ND		5.00	2.84	ug/L			01/02/26 13:34	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/02/26 13:34	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/02/26 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/02/26 13:34	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/02/26 13:34	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/02/26 13:34	1
Naphthalene	ND		2.00	1.56	ug/L			01/02/26 13:34	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/02/26 13:34	1
n-Heptane	ND		10.0	3.05	ug/L			01/02/26 13:34	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/02/26 13:34	1
o-Xylene	ND		1.00	0.270	ug/L			01/02/26 13:34	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/02/26 13:34	1
Styrene	ND		1.00	0.194	ug/L			01/02/26 13:34	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/02/26 13:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/02/26 13:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/02/26 13:34	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/02/26 13:34	1
Toluene	ND		1.00	0.197	ug/L			01/02/26 13:34	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/02/26 13:34	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/02/26 13:34	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/02/26 13:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/02/26 13:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/02/26 13:34	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/02/26 13:34	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/02/26 13:34	1
Trichloroethene	ND		1.00	0.211	ug/L			01/02/26 13:34	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/02/26 13:34	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/02/26 13:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/02/26 13:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/02/26 13:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/02/26 13:34	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/02/26 13:34	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/02/26 13:34	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/02/26 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*01/02/26 13:34*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*01/02/26 13:34*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/02/26 13:34*	*1*

Lab Sample ID: LCS 705-105543/1002
Matrix: Water
Analysis Batch: 105543

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	34.37		ug/L		86	62 - 136
Benzene	20.0	19.35		ug/L		97	76 - 122
Bromobenzene	20.0	18.80		ug/L		94	77 - 125

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

Lab Sample ID: LCS 705-105543/1002
Matrix: Water
Analysis Batch: 105543

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	20.0	21.41		ug/L		107	65 - 129
Bromomethane	20.0	17.71		ug/L		89	60 - 138
2-Butanone (MEK)	40.0	37.12		ug/L		93	74 - 131
Carbon disulfide	20.0	18.75		ug/L		94	71 - 122
Carbon tetrachloride	20.0	21.32		ug/L		107	72 - 131
Chlorobenzene	20.0	19.54		ug/L		98	75 - 121
Chlorobromomethane	20.0	19.61		ug/L		98	77 - 120
Chlorodibromomethane	20.0	20.76		ug/L		104	70 - 131
Chloroethane	20.0	18.27		ug/L		91	55 - 138
Chloroform	20.0	18.92		ug/L		95	73 - 121
Chloromethane	20.0	16.41		ug/L		82	57 - 129
2-Chlorotoluene	20.0	19.45		ug/L		97	75 - 123
4-Chlorotoluene	20.0	20.23		ug/L		101	76 - 124
cis-1,2-Dichloroethene	20.0	18.67		ug/L		93	76 - 121
cis-1,3-Dichloropropene	20.0	19.92		ug/L		100	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	18.93		ug/L		95	64 - 125
Dibromomethane	20.0	19.80		ug/L		99	70 - 130
1,2-Dichlorobenzene	20.0	20.47		ug/L		102	69 - 127
1,3-Dichlorobenzene	20.0	19.74		ug/L		99	68 - 128
1,4-Dichlorobenzene	20.0	20.09		ug/L		100	68 - 126
Dichlorobromomethane	20.0	20.02		ug/L		100	70 - 124
1,1-Dichloroethane	20.0	17.75		ug/L		89	65 - 126
1,2-Dichloroethane	20.0	20.01		ug/L		100	72 - 127
1,1-Dichloroethene	20.0	17.97		ug/L		90	69 - 130
1,2-Dichloropropane	20.0	18.42		ug/L		92	71 - 121
1,3-Dichloropropane	20.0	19.57		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	19.90		ug/L		100	71 - 131
1,1-Dichloropropene	20.0	19.61		ug/L		98	74 - 129
Ethylbenzene	20.0	20.73		ug/L		104	75 - 127
Ethylene Dibromide	20.0	19.50		ug/L		98	68 - 133
Hexachlorobutadiene	20.0	18.66		ug/L		93	65 - 137
Hexane	20.0	19.01		ug/L		95	25 - 150
2-Hexanone	40.0	39.39		ug/L		98	70 - 130
Iodomethane	20.0	17.06		ug/L		85	50 - 150
Isopropylbenzene	20.0	19.54		ug/L		98	76 - 125
4-Isopropyltoluene	20.0	20.60		ug/L		103	78 - 126
Methylene Chloride	20.0	17.61		ug/L		88	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	39.39		ug/L		98	76 - 122
Methyl tert-butyl ether	20.0	18.53		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	20.62		ug/L		103	76 - 128
Naphthalene	20.0	17.34		ug/L		87	67 - 129
n-Butylbenzene	20.0	20.26		ug/L		101	71 - 131
n-Heptane	20.0	18.46		ug/L		92	25 - 150
N-Propylbenzene	20.0	19.67		ug/L		98	75 - 127
o-Xylene	20.0	21.52		ug/L		108	78 - 124
sec-Butylbenzene	20.0	20.67		ug/L		103	74 - 127
Styrene	20.0	21.96		ug/L		110	71 - 129
tert-Butylbenzene	20.0	20.42		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.73		ug/L		104	76 - 130

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

Lab Sample ID: LCS 705-105543/1002
Matrix: Water
Analysis Batch: 105543

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	20.0	17.79		ug/L		89	73 - 127
Tetrachloroethene	20.0	20.72		ug/L		104	74 - 129
Toluene	20.0	20.43		ug/L		102	74 - 124
trans-1,4-Dichloro-2-butene	20.0	22.10		ug/L		110	50 - 150
trans-1,2-Dichloroethene	20.0	19.45		ug/L		97	74 - 124
trans-1,3-Dichloropropene	20.0	20.32		ug/L		102	59 - 135
1,2,3-Trichlorobenzene	20.0	17.35		ug/L		87	65 - 130
1,2,4-Trichlorobenzene	20.0	18.89		ug/L		94	65 - 131
1,1,1-Trichloroethane	20.0	19.77		ug/L		99	71 - 124
1,1,2-Trichloroethane	20.0	20.06		ug/L		100	69 - 127
Trichloroethene	20.0	19.42		ug/L		97	72 - 129
Trichlorofluoromethane	20.0	19.80		ug/L		99	63 - 142
1,2,3-Trichloropropane	20.0	19.14		ug/L		96	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.09		ug/L		100	74 - 122
1,2,4-Trimethylbenzene	20.0	20.85		ug/L		104	80 - 123
1,3,5-Trimethylbenzene	20.0	20.81		ug/L		104	79 - 124
Vinyl acetate	40.0	37.77		ug/L		94	50 - 150
Vinyl chloride	20.0	18.38		ug/L		92	65 - 132
Xylenes, Total	40.0	42.14		ug/L		105	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

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

Lab Sample ID: MB 400-734605/1-A
Matrix: Water
Analysis Batch: 734734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.00	0.378	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,4,5-Trichlorophenol	ND		9.00	0.486	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,4,6-Trichlorophenol	ND		9.00	0.981	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,4-Dichlorophenol	ND		9.00	0.513	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,4-Dimethylphenol	ND		9.00	0.216	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,4-Dinitrophenol	ND		27.0	4.21	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,4-Dinitrotoluene	ND		9.00	0.585	ug/L		12/22/25 12:14	12/23/25 17:15	1
2,6-Dinitrotoluene	ND		9.00	0.261	ug/L		12/22/25 12:14	12/23/25 17:15	1
2-Chloronaphthalene	ND		9.00	0.342	ug/L		12/22/25 12:14	12/23/25 17:15	1
2-Chlorophenol	ND		9.00	0.756	ug/L		12/22/25 12:14	12/23/25 17:15	1
2-Methylnaphthalene	ND		9.00	0.729	ug/L		12/22/25 12:14	12/23/25 17:15	1
2-Methylphenol	ND		9.00	0.684	ug/L		12/22/25 12:14	12/23/25 17:15	1
2-Nitroaniline	ND		9.00	1.23	ug/L		12/22/25 12:14	12/23/25 17:15	1
2-Nitrophenol	ND		9.00	1.05	ug/L		12/22/25 12:14	12/23/25 17:15	1
3 & 4 Methylphenol	ND		18.0	4.14	ug/L		12/22/25 12:14	12/23/25 17:15	1
3,3'-Dichlorobenzidine	ND		9.90	0.369	ug/L		12/22/25 12:14	12/23/25 17:15	1

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

Lab Sample ID: MB 400-734605/1-A
Matrix: Water
Analysis Batch: 734734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		9.00	0.855	ug/L		12/22/25 12:14	12/23/25 17:15	1
4,6-Dinitro-2-methylphenol	ND		9.00	1.77	ug/L		12/22/25 12:14	12/23/25 17:15	1
4-Bromophenyl phenyl ether	ND		9.00	0.117	ug/L		12/22/25 12:14	12/23/25 17:15	1
4-Chloro-3-methylphenol	ND		9.00	0.657	ug/L		12/22/25 12:14	12/23/25 17:15	1
4-Chloroaniline	ND		9.00	0.522	ug/L		12/22/25 12:14	12/23/25 17:15	1
4-Chlorophenyl phenyl ether	ND		9.00	0.216	ug/L		12/22/25 12:14	12/23/25 17:15	1
4-Nitroaniline	ND		9.00	3.15	ug/L		12/22/25 12:14	12/23/25 17:15	1
4-Nitrophenol	ND		9.00	2.47	ug/L		12/22/25 12:14	12/23/25 17:15	1
Acenaphthene	ND		9.00	0.567	ug/L		12/22/25 12:14	12/23/25 17:15	1
Acenaphthylene	ND		9.00	0.684	ug/L		12/22/25 12:14	12/23/25 17:15	1
Acetophenone	ND		9.00	2.88	ug/L		12/22/25 12:14	12/23/25 17:15	1
Anthracene	ND		9.00	0.819	ug/L		12/22/25 12:14	12/23/25 17:15	1
Atrazine	ND		9.00	1.02	ug/L		12/22/25 12:14	12/23/25 17:15	1
Benzaldehyde	ND		9.00	0.603	ug/L		12/22/25 12:14	12/23/25 17:15	1
Benzo[a]anthracene	ND		9.00	0.900	ug/L		12/22/25 12:14	12/23/25 17:15	1
Benzo[a]pyrene	ND		9.00	0.990	ug/L		12/22/25 12:14	12/23/25 17:15	1
Benzo[b]fluoranthene	ND		9.00	1.08	ug/L		12/22/25 12:14	12/23/25 17:15	1
Benzo[g,h,i]perylene	ND		9.00	1.35	ug/L		12/22/25 12:14	12/23/25 17:15	1
Benzo[k]fluoranthene	ND		9.00	1.35	ug/L		12/22/25 12:14	12/23/25 17:15	1
bis (2-chloroisopropyl) ether	ND		9.00	0.837	ug/L		12/22/25 12:14	12/23/25 17:15	1
Bis(2-chloroethoxy)methane	ND		9.00	0.306	ug/L		12/22/25 12:14	12/23/25 17:15	1
Bis(2-chloroethyl)ether	ND		9.00	0.657	ug/L		12/22/25 12:14	12/23/25 17:15	1
Bis(2-ethylhexyl) phthalate	ND		9.00	3.60	ug/L		12/22/25 12:14	12/23/25 17:15	1
Butyl benzyl phthalate	ND		9.00	3.60	ug/L		12/22/25 12:14	12/23/25 17:15	1
Caprolactam	ND		9.00	2.16	ug/L		12/22/25 12:14	12/23/25 17:15	1
Carbazole	ND		9.00	0.288	ug/L		12/22/25 12:14	12/23/25 17:15	1
Chrysene	ND		9.00	1.08	ug/L		12/22/25 12:14	12/23/25 17:15	1
Dibenz(a,h)anthracene	ND		9.00	1.17	ug/L		12/22/25 12:14	12/23/25 17:15	1
Dibenzofuran	ND		9.00	0.576	ug/L		12/22/25 12:14	12/23/25 17:15	1
Diethyl phthalate	ND		9.00	3.60	ug/L		12/22/25 12:14	12/23/25 17:15	1
Dimethyl phthalate	ND		9.00	3.60	ug/L		12/22/25 12:14	12/23/25 17:15	1
Di-n-butyl phthalate	ND		9.00	7.37	ug/L		12/22/25 12:14	12/23/25 17:15	1
Di-n-octyl phthalate	ND		9.00	3.60	ug/L		12/22/25 12:14	12/23/25 17:15	1
Fluoranthene	ND		9.00	0.567	ug/L		12/22/25 12:14	12/23/25 17:15	1
Fluorene	ND		9.00	0.603	ug/L		12/22/25 12:14	12/23/25 17:15	1
Hexachlorobenzene	ND		9.00	0.225	ug/L		12/22/25 12:14	12/23/25 17:15	1
Hexachlorobutadiene	ND		9.00	0.495	ug/L		12/22/25 12:14	12/23/25 17:15	1
Hexachlorocyclopentadiene	ND		18.0	0.288	ug/L		12/22/25 12:14	12/23/25 17:15	1
Hexachloroethane	ND		9.00	0.477	ug/L		12/22/25 12:14	12/23/25 17:15	1
Indeno[1,2,3-cd]pyrene	ND		9.00	0.990	ug/L		12/22/25 12:14	12/23/25 17:15	1
Isophorone	ND		9.00	0.720	ug/L		12/22/25 12:14	12/23/25 17:15	1
Naphthalene	ND		9.00	0.675	ug/L		12/22/25 12:14	12/23/25 17:15	1
Nitrobenzene	ND		9.00	0.540	ug/L		12/22/25 12:14	12/23/25 17:15	1
N-Nitrosodi-n-propylamine	ND		9.00	0.297	ug/L		12/22/25 12:14	12/23/25 17:15	1
N-Nitrosodiphenylamine	ND		9.00	0.171	ug/L		12/22/25 12:14	12/23/25 17:15	1
Pentachlorophenol	ND		9.00	2.52	ug/L		12/22/25 12:14	12/23/25 17:15	1
Phenanthrene	ND		9.00	0.666	ug/L		12/22/25 12:14	12/23/25 17:15	1
Phenol	ND		9.00	0.612	ug/L		12/22/25 12:14	12/23/25 17:15	1
Pyrene	ND		9.00	0.567	ug/L		12/22/25 12:14	12/23/25 17:15	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	131		10 - 150	12/22/25 12:14	12/23/25 17:15	1
2-Fluorobiphenyl (Surr)	113		25 - 139	12/22/25 12:14	12/23/25 17:15	1
2-Fluorophenol (Surr)	109		10 - 150	12/22/25 12:14	12/23/25 17:15	1
Nitrobenzene-d5 (Surr)	129		22 - 150	12/22/25 12:14	12/23/25 17:15	1
Phenol-d5 (Surr)	96		10 - 150	12/22/25 12:14	12/23/25 17:15	1
Terphenyl-d14 (Surr)	89		28 - 150	12/22/25 12:14	12/23/25 17:15	1

Lab Sample ID: LCS 400-734605/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734734
Prep Batch: 734605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	30.0	34.55		ug/L		115	27 - 120
2,4,5-Trichlorophenol	30.0	37.45		ug/L		125	27 - 136
2,4,6-Trichlorophenol	30.0	38.33		ug/L		128	21 - 132
2,4-Dichlorophenol	30.0	37.06		ug/L		124	30 - 125
2,4-Dimethylphenol	30.0	34.37		ug/L		115	10 - 142
2,4-Dinitrophenol	60.0	64.99		ug/L		108	10 - 150
2,4-Dinitrotoluene	30.0	43.28	*+	ug/L		144	30 - 129
2,6-Dinitrotoluene	30.0	44.56	*+	ug/L		149	34 - 132
2-Chloronaphthalene	30.0	34.08		ug/L		114	10 - 150
2-Chlorophenol	30.0	36.49		ug/L		122	28 - 127
2-Methylnaphthalene	30.0	36.33		ug/L		121	24 - 150
2-Methylphenol	30.0	34.01		ug/L		113	11 - 121
2-Nitroaniline	30.0	42.69	*+	ug/L		142	31 - 141
2-Nitrophenol	30.0	41.77		ug/L		139	31 - 142
3 & 4 Methylphenol	30.0	31.73		ug/L		106	10 - 150
3,3'-Dichlorobenzidine	60.0	55.29		ug/L		92	10 - 150
3-Nitroaniline	30.0	35.60		ug/L		119	33 - 136
4,6-Dinitro-2-methylphenol	60.0	68.80		ug/L		115	10 - 150
4-Bromophenyl phenyl ether	30.0	39.79	*+	ug/L		133	24 - 120
4-Chloro-3-methylphenol	30.0	39.03		ug/L		130	10 - 137
4-Chloroaniline	30.0	36.15		ug/L		120	10 - 150
4-Chlorophenyl phenyl ether	30.0	38.55	*+	ug/L		128	31 - 110
4-Nitroaniline	30.0	36.38		ug/L		121	37 - 139
4-Nitrophenol	60.0	67.03		ug/L		112	10 - 150
Acenaphthene	30.0	35.29		ug/L		118	29 - 150
Acenaphthylene	30.0	37.11		ug/L		124	30 - 150
Acetophenone	30.0	35.82		ug/L		119	27 - 119
Anthracene	30.0	42.21		ug/L		141	31 - 150
Atrazine	30.0	29.32		ug/L		98	10 - 150
Benzaldehyde	30.0	26.98		ug/L		90	10 - 150
Benzo[a]anthracene	30.0	35.38		ug/L		118	36 - 150
Benzo[a]pyrene	30.0	33.04		ug/L		110	29 - 150
Benzo[b]fluoranthene	30.0	36.50		ug/L		122	32 - 150
Benzo[g,h,i]perylene	30.0	32.43		ug/L		108	28 - 150
Benzo[k]fluoranthene	30.0	33.88		ug/L		113	30 - 150
bis (2-chloroisopropyl) ether	30.0	38.82	*+	ug/L		129	32 - 115
Bis(2-chloroethoxy)methane	30.0	38.21	*+	ug/L		127	34 - 120
Bis(2-chloroethyl)ether	30.0	35.49	*+	ug/L		118	32 - 114
Bis(2-ethylhexyl) phthalate	30.0	32.44		ug/L		108	24 - 133

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

Lab Sample ID: LCS 400-734605/2-A
Matrix: Water
Analysis Batch: 734734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	30.0	37.04		ug/L		123	24 - 140
Caprolactam	30.0	37.07		ug/L		124	10 - 150
Carbazole	30.0	41.72	*+	ug/L		139	28 - 123
Chrysene	30.0	34.75		ug/L		116	34 - 150
Dibenz(a,h)anthracene	30.0	31.48		ug/L		105	29 - 150
Dibenzofuran	30.0	36.64	*+	ug/L		122	35 - 110
Diethyl phthalate	30.0	41.00	*+	ug/L		137	31 - 118
Dimethyl phthalate	30.0	42.71	*+	ug/L		142	24 - 125
Di-n-butyl phthalate	30.0	41.88	*+	ug/L		140	30 - 127
Di-n-octyl phthalate	30.0	33.12		ug/L		110	28 - 142
Fluoranthene	30.0	40.46		ug/L		135	30 - 150
Fluorene	30.0	39.87		ug/L		133	30 - 150
Hexachlorobenzene	30.0	38.64	*+	ug/L		129	29 - 113
Hexachlorobutadiene	30.0	27.82		ug/L		93	10 - 117
Hexachlorocyclopentadiene	30.0	26.51		ug/L		88	10 - 150
Hexachloroethane	30.0	27.05		ug/L		90	10 - 112
Indeno[1,2,3-cd]pyrene	30.0	30.63		ug/L		102	28 - 150
Isophorone	30.0	38.21	*+	ug/L		127	29 - 125
Naphthalene	30.0	36.15		ug/L		120	27 - 150
Nitrobenzene	30.0	42.71	*+	ug/L		142	29 - 129
N-Nitrosodi-n-propylamine	30.0	43.67	*+	ug/L		146	50 - 134
N-Nitrosodiphenylamine	29.8	41.13	*+	ug/L		138	50 - 132
Pentachlorophenol	60.0	78.12		ug/L		130	14 - 150
Phenanthrene	30.0	40.39		ug/L		135	32 - 150
Phenol	30.0	31.72		ug/L		106	10 - 150
Pyrene	30.0	40.19		ug/L		134	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*141*		*10 - 150*
2-Fluorobiphenyl (Surr)	*119*		*25 - 139*
2-Fluorophenol (Surr)	*102*		*10 - 150*
Nitrobenzene-d5 (Surr)	*135*		*22 - 150*
Phenol-d5 (Surr)	*96*		*10 - 150*
Terphenyl-d14 (Surr)	*62*		*28 - 150*

Lab Sample ID: LCSD 400-734605/3-B
Matrix: Water
Analysis Batch: 734734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 734605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	30.0	32.24		ug/L		107	27 - 120	7	40
2,4,5-Trichlorophenol	30.0	34.63		ug/L		115	27 - 136	8	40
2,4,6-Trichlorophenol	30.0	34.98		ug/L		117	21 - 132	9	40
2,4-Dichlorophenol	30.0	34.36		ug/L		115	30 - 125	8	40
2,4-Dimethylphenol	30.0	33.49		ug/L		112	10 - 142	3	40
2,4-Dinitrophenol	60.0	55.72		ug/L		93	10 - 150	15	40
2,4-Dinitrotoluene	30.0	40.47	*+	ug/L		135	30 - 129	7	40
2,6-Dinitrotoluene	30.0	41.78	*+	ug/L		139	34 - 132	6	40

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

Lab Sample ID: LCSD 400-734605/3-B
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 734734
Prep Batch: 734605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chloronaphthalene	30.0	32.02		ug/L		107	10 - 150	6	40
2-Chlorophenol	30.0	37.67		ug/L		126	28 - 127	3	40
2-Methylnaphthalene	30.0	33.26		ug/L		111	24 - 150	9	40
2-Methylphenol	30.0	34.45		ug/L		115	11 - 121	1	40
2-Nitroaniline	30.0	40.71		ug/L		136	31 - 141	5	40
2-Nitrophenol	30.0	38.02		ug/L		127	31 - 142	9	40
3 & 4 Methylphenol	30.0	36.00		ug/L		120	10 - 150	13	40
3,3'-Dichlorobenzidine	60.0	49.58		ug/L		83	10 - 150	11	40
3-Nitroaniline	30.0	34.78		ug/L		116	33 - 136	2	40
4,6-Dinitro-2-methylphenol	60.0	62.35		ug/L		104	10 - 150	10	40
4-Bromophenyl phenyl ether	30.0	37.54	*+	ug/L		125	24 - 120	6	40
4-Chloro-3-methylphenol	30.0	36.18		ug/L		121	10 - 137	8	40
4-Chloroaniline	30.0	37.36		ug/L		125	10 - 150	3	40
4-Chlorophenyl phenyl ether	30.0	35.55	*+	ug/L		119	31 - 110	8	40
4-Nitroaniline	30.0	34.76		ug/L		116	37 - 139	5	40
4-Nitrophenol	60.0	75.10		ug/L		125	10 - 150	11	40
Acenaphthene	30.0	32.97		ug/L		110	29 - 150	7	40
Acenaphthylene	30.0	34.23		ug/L		114	30 - 150	8	40
Acetophenone	30.0	35.41		ug/L		118	27 - 119	1	40
Anthracene	30.0	39.80		ug/L		133	31 - 150	6	40
Atrazine	30.0	28.36		ug/L		95	10 - 150	3	40
Benzaldehyde	30.0	27.31		ug/L		91	10 - 150	1	40
Benzo[a]anthracene	30.0	33.30		ug/L		111	36 - 150	6	40
Benzo[a]pyrene	30.0	31.88		ug/L		106	29 - 150	4	40
Benzo[b]fluoranthene	30.0	35.78		ug/L		119	32 - 150	2	40
Benzo[g,h,i]perylene	30.0	31.38		ug/L		105	28 - 150	3	40
Benzo[k]fluoranthene	30.0	32.44		ug/L		108	30 - 150	4	40
bis (2-chloroisopropyl) ether	30.0	38.40	*+	ug/L		128	32 - 115	1	40
Bis(2-chloroethoxy)methane	30.0	35.55		ug/L		118	34 - 120	7	40
Bis(2-chloroethyl)ether	30.0	35.45	*+	ug/L		118	32 - 114	0	40
Bis(2-ethylhexyl) phthalate	30.0	33.26		ug/L		111	24 - 133	2	40
Butyl benzyl phthalate	30.0	34.19		ug/L		114	24 - 140	8	40
Caprolactam	30.0	40.62		ug/L		135	10 - 150	9	40
Carbazole	30.0	38.63	*+	ug/L		129	28 - 123	8	40
Chrysene	30.0	32.53		ug/L		108	34 - 150	7	40
Dibenz(a,h)anthracene	30.0	30.54		ug/L		102	29 - 150	3	40
Dibenzofuran	30.0	33.98	*+	ug/L		113	35 - 110	8	40
Diethyl phthalate	30.0	37.90	*+	ug/L		126	31 - 118	8	40
Dimethyl phthalate	30.0	39.17	*+	ug/L		131	24 - 125	9	40
Di-n-butyl phthalate	30.0	38.68	*+	ug/L		129	30 - 127	8	40
Di-n-octyl phthalate	30.0	30.81		ug/L		103	28 - 142	7	40
Fluoranthene	30.0	37.66		ug/L		126	30 - 150	7	40
Fluorene	30.0	36.72		ug/L		122	30 - 150	8	40
Hexachlorobenzene	30.0	36.96	*+	ug/L		123	29 - 113	4	40
Hexachlorobutadiene	30.0	25.80		ug/L		86	10 - 117	8	40
Hexachlorocyclopentadiene	30.0	24.77		ug/L		83	10 - 150	7	40
Hexachloroethane	30.0	26.75		ug/L		89	10 - 112	1	40
Indeno[1,2,3-cd]pyrene	30.0	29.77		ug/L		99	28 - 150	3	40
Isophorone	30.0	37.56		ug/L		125	29 - 125	2	40

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

Lab Sample ID: LCSD 400-734605/3-B
Matrix: Water
Analysis Batch: 734734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 734605

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene			30.0	33.02		ug/L		110	27 - 150	9	40
Nitrobenzene			30.0	42.40	*+	ug/L		141	29 - 129	1	40
N-Nitrosodi-n-propylamine			30.0	43.38	*+	ug/L		145	50 - 134	1	40
N-Nitrosodiphenylamine			29.8	37.88		ug/L		127	50 - 132	8	40
Pentachlorophenol			60.0	72.04		ug/L		120	14 - 150	8	40
Phenanthrene			30.0	37.98		ug/L		127	32 - 150	6	40
Phenol			30.0	39.28		ug/L		131	10 - 150	21	40
Pyrene			30.0	38.06		ug/L		127	30 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*127*		*10 - 150*
2-Fluorobiphenyl (Surr)	*111*		*25 - 139*
2-Fluorophenol (Surr)	*120*		*10 - 150*
Nitrobenzene-d5 (Surr)	*135*		*22 - 150*
Phenol-d5 (Surr)	*125*		*10 - 150*
Terphenyl-d14 (Surr)	*70*		*28 - 150*

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

Lab Sample ID: MB 400-734651/1-A
Matrix: Water
Analysis Batch: 734811

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/22/25 15:02	12/23/25 18:40	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 140*	*12/22/25 15:02*	*12/23/25 18:40*	*1*

Lab Sample ID: LCS 400-734651/2-A
Matrix: Water
Analysis Batch: 734811

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734651

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	22.96		ug/L		144	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*50*		*10 - 140*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-104201/140
Matrix: Water
Analysis Batch: 104201

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			12/26/25 20:57	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-104201/3
Matrix: Water
Analysis Batch: 104201

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			12/26/25 12:35	1

Lab Sample ID: LCS 705-104201/141
Matrix: Water
Analysis Batch: 104201

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	22.70		mg/L		91	90 - 110

Lab Sample ID: LCS 705-104201/4
Matrix: Water
Analysis Batch: 104201

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	22.89		mg/L		92	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-104435/1-A
Matrix: Water
Analysis Batch: 104928

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 104435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/28/25 10:23	12/28/25 19:58	1
Arsenic	ND		5.00	1.32	ug/L		12/28/25 10:23	12/28/25 19:58	1
Barium	ND		10.0	0.410	ug/L		12/28/25 10:23	12/28/25 19:58	1
Beryllium	ND		1.00	0.147	ug/L		12/28/25 10:23	12/28/25 19:58	1
Cadmium	ND		0.700	0.237	ug/L		12/28/25 10:23	12/28/25 19:58	1
Chromium	ND		5.00	3.69	ug/L		12/28/25 10:23	12/28/25 19:58	1
Cobalt	ND		5.00	0.411	ug/L		12/28/25 10:23	12/28/25 19:58	1
Copper	ND		2.00	0.642	ug/L		12/28/25 10:23	12/28/25 19:58	1
Lead	ND		1.00	0.864	ug/L		12/28/25 10:23	12/28/25 19:58	1
Manganese	ND		5.00	1.29	ug/L		12/28/25 10:23	12/28/25 19:58	1
Nickel	ND		5.00	0.422	ug/L		12/28/25 10:23	12/28/25 19:58	1
Selenium	ND		5.00	2.29	ug/L		12/28/25 10:23	12/28/25 19:58	1
Silver	ND		1.00	0.167	ug/L		12/28/25 10:23	12/28/25 19:58	1
Thallium	ND		1.00	0.190	ug/L		12/28/25 10:23	12/28/25 19:58	1
Vanadium	ND		5.00	1.22	ug/L		12/28/25 10:23	12/28/25 19:58	1
Zinc	ND		10.0	8.91	ug/L		12/28/25 10:23	12/28/25 19:58	1

Lab Sample ID: LCS 705-104435/2-A
Matrix: Water
Analysis Batch: 104928

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 104435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	95.84		ug/L		96	80 - 120
Arsenic	100	91.97		ug/L		92	80 - 120
Barium	100	94.97		ug/L		95	80 - 120
Beryllium	100	87.88		ug/L		88	80 - 120
Cadmium	100	93.00		ug/L		93	80 - 120

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

Lab Sample ID: LCS 705-104435/2-A
Matrix: Water
Analysis Batch: 104928

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 104435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	91.18		ug/L		91	80 - 120
Cobalt	100	93.30		ug/L		93	80 - 120
Copper	100	99.09		ug/L		99	80 - 120
Lead	100	98.99		ug/L		99	80 - 120
Manganese	100	88.94		ug/L		89	80 - 120
Nickel	100	94.28		ug/L		94	80 - 120
Selenium	100	89.83		ug/L		90	80 - 120
Silver	10.0	10.27		ug/L		103	80 - 120
Thallium	100	99.06		ug/L		99	80 - 120
Vanadium	100	90.76		ug/L		91	80 - 120
Zinc	100	93.50		ug/L		94	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-105121/1-A
Matrix: Water
Analysis Batch: 105578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/31/25 11:05	12/31/25 14:41	1

Lab Sample ID: LCS 705-105121/2-A
Matrix: Water
Analysis Batch: 105578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.925		ug/L		98	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14481/13
Matrix: Water
Analysis Batch: 14481

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.0500	0.0200	mg/L			12/29/25 11:24	1

Lab Sample ID: LCS 752-14481/14
Matrix: Water
Analysis Batch: 14481

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.02	1.044		mg/L		103	90 - 110

Lab Sample ID: 752-40518-4 MS
Matrix: Water
Analysis Batch: 14481

Client Sample ID: 824-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.0728	F1	0.395	0.3341	F1	mg/L		66	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-40518-4 MSD
Matrix: Water
Analysis Batch: 14481

Client Sample ID: 824-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	0.0728	F1	0.395	0.3825	F1	mg/L		78	90 - 110	14	30

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 705-105927/67
Matrix: Water
Analysis Batch: 105927

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			01/05/26 13:25	1

Lab Sample ID: LCS 705-105927/14
Matrix: Water
Analysis Batch: 105927

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	0.9146		mg/L		91	90 - 110

GC/MS VOA

Analysis Batch: 104410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	8260D	
752-40518-2	824-SW-7	Total/NA	Water	8260D	
752-40518-3	824-SW-6	Total/NA	Water	8260D	
752-40518-4	824-SW-5	Total/NA	Water	8260D	
752-40518-5	824-SW-Dup	Total/NA	Water	8260D	
752-40518-6	824-SW-4	Total/NA	Water	8260D	
752-40518-7	824-SW-3	Total/NA	Water	8260D	
752-40518-8	824-SW-2	Total/NA	Water	8260D	
752-40518-9	824-SW-1	Total/NA	Water	8260D	
752-40518-10	Trip Blank	Total/NA	Water	8260D	
MB 705-104410/5	Method Blank	Total/NA	Water	8260D	
LCS 705-104410/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-104410/1002	Lab Control Sample	Total/NA	Water	8260D	
752-40518-3 MS	824-SW-6	Total/NA	Water	8260D	
752-40518-4 DU	824-SW-5	Total/NA	Water	8260D	

Analysis Batch: 105543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-10	Trip Blank	Total/NA	Water	8260D	
MB 705-105543/6	Method Blank	Total/NA	Water	8260D	
LCS 705-105543/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 734605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	3511	
752-40518-2	824-SW-7	Total/NA	Water	3511	
752-40518-3	824-SW-6	Total/NA	Water	3511	
752-40518-4	824-SW-5	Total/NA	Water	3511	
752-40518-5	824-SW-Dup	Total/NA	Water	3511	
752-40518-6	824-SW-4	Total/NA	Water	3511	
752-40518-7	824-SW-3	Total/NA	Water	3511	
752-40518-8	824-SW-2	Total/NA	Water	3511	
752-40518-9	824-SW-1	Total/NA	Water	3511	
MB 400-734605/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-734605/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-734605/3-B	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 734651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	3510C	
752-40518-2	824-SW-7	Total/NA	Water	3510C	
752-40518-3	824-SW-6	Total/NA	Water	3510C	
752-40518-4	824-SW-5	Total/NA	Water	3510C	
752-40518-5	824-SW-Dup	Total/NA	Water	3510C	
752-40518-6	824-SW-4	Total/NA	Water	3510C	
752-40518-7	824-SW-3	Total/NA	Water	3510C	
752-40518-8	824-SW-2	Total/NA	Water	3510C	
752-40518-9	824-SW-1	Total/NA	Water	3510C	
MB 400-734651/1-A	Method Blank	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 734651 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-734651/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 734734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	8270E	734605
752-40518-2	824-SW-7	Total/NA	Water	8270E	734605
752-40518-3	824-SW-6	Total/NA	Water	8270E	734605
752-40518-4	824-SW-5	Total/NA	Water	8270E	734605
752-40518-5	824-SW-Dup	Total/NA	Water	8270E	734605
752-40518-6	824-SW-4	Total/NA	Water	8270E	734605
752-40518-7	824-SW-3	Total/NA	Water	8270E	734605
752-40518-8	824-SW-2	Total/NA	Water	8270E	734605
752-40518-9	824-SW-1	Total/NA	Water	8270E	734605
MB 400-734605/1-A	Method Blank	Total/NA	Water	8270E	734605
LCS 400-734605/2-A	Lab Control Sample	Total/NA	Water	8270E	734605
LCSD 400-734605/3-B	Lab Control Sample Dup	Total/NA	Water	8270E	734605

Analysis Batch: 734811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	8270E SIM ID	734651
752-40518-2	824-SW-7	Total/NA	Water	8270E SIM ID	734651
752-40518-3	824-SW-6	Total/NA	Water	8270E SIM ID	734651
752-40518-4	824-SW-5	Total/NA	Water	8270E SIM ID	734651
752-40518-5	824-SW-Dup	Total/NA	Water	8270E SIM ID	734651
752-40518-6	824-SW-4	Total/NA	Water	8270E SIM ID	734651
752-40518-7	824-SW-3	Total/NA	Water	8270E SIM ID	734651
752-40518-8	824-SW-2	Total/NA	Water	8270E SIM ID	734651
752-40518-9	824-SW-1	Total/NA	Water	8270E SIM ID	734651
MB 400-734651/1-A	Method Blank	Total/NA	Water	8270E SIM ID	734651
LCS 400-734651/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	734651

HPLC/IC

Analysis Batch: 104201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	9056A	
752-40518-2	824-SW-7	Total/NA	Water	9056A	
752-40518-3	824-SW-6	Total/NA	Water	9056A	
752-40518-4	824-SW-5	Total/NA	Water	9056A	
752-40518-5	824-SW-Dup	Total/NA	Water	9056A	
752-40518-6	824-SW-4	Total/NA	Water	9056A	
752-40518-7	824-SW-3	Total/NA	Water	9056A	
752-40518-8	824-SW-2	Total/NA	Water	9056A	
752-40518-9	824-SW-1	Total/NA	Water	9056A	
MB 705-104201/140	Method Blank	Total/NA	Water	9056A	
MB 705-104201/3	Method Blank	Total/NA	Water	9056A	
LCS 705-104201/141	Lab Control Sample	Total/NA	Water	9056A	
LCS 705-104201/4	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 104435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total Recoverable	Water	3005A	
752-40518-2	824-SW-7	Total Recoverable	Water	3005A	
752-40518-3	824-SW-6	Total Recoverable	Water	3005A	
752-40518-4	824-SW-5	Total Recoverable	Water	3005A	
752-40518-5	824-SW-Dup	Total Recoverable	Water	3005A	
752-40518-6	824-SW-4	Total Recoverable	Water	3005A	
752-40518-7	824-SW-3	Total Recoverable	Water	3005A	
752-40518-8	824-SW-2	Total Recoverable	Water	3005A	
752-40518-9	824-SW-1	Total Recoverable	Water	3005A	
MB 705-104435/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-104435/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 104928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total Recoverable	Water	6020B	104435
752-40518-2	824-SW-7	Total Recoverable	Water	6020B	104435
752-40518-3	824-SW-6	Total Recoverable	Water	6020B	104435
752-40518-4	824-SW-5	Total Recoverable	Water	6020B	104435
752-40518-5	824-SW-Dup	Total Recoverable	Water	6020B	104435
752-40518-6	824-SW-4	Total Recoverable	Water	6020B	104435
752-40518-7	824-SW-3	Total Recoverable	Water	6020B	104435
752-40518-8	824-SW-2	Total Recoverable	Water	6020B	104435
752-40518-9	824-SW-1	Total Recoverable	Water	6020B	104435
MB 705-104435/1-A	Method Blank	Total Recoverable	Water	6020B	104435
LCS 705-104435/2-A	Lab Control Sample	Total Recoverable	Water	6020B	104435

Prep Batch: 105121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	7470A	
752-40518-2	824-SW-7	Total/NA	Water	7470A	
752-40518-3	824-SW-6	Total/NA	Water	7470A	
752-40518-4	824-SW-5	Total/NA	Water	7470A	
752-40518-5	824-SW-Dup	Total/NA	Water	7470A	
752-40518-6	824-SW-4	Total/NA	Water	7470A	
752-40518-7	824-SW-3	Total/NA	Water	7470A	
752-40518-8	824-SW-2	Total/NA	Water	7470A	
752-40518-9	824-SW-1	Total/NA	Water	7470A	
MB 705-105121/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-105121/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 105578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	7470A	105121
752-40518-2	824-SW-7	Total/NA	Water	7470A	105121
752-40518-3	824-SW-6	Total/NA	Water	7470A	105121
752-40518-4	824-SW-5	Total/NA	Water	7470A	105121
752-40518-5	824-SW-Dup	Total/NA	Water	7470A	105121
752-40518-6	824-SW-4	Total/NA	Water	7470A	105121
752-40518-7	824-SW-3	Total/NA	Water	7470A	105121
752-40518-8	824-SW-2	Total/NA	Water	7470A	105121
752-40518-9	824-SW-1	Total/NA	Water	7470A	105121

Metals (Continued)

Analysis Batch: 105578 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-105121/1-A	Method Blank	Total/NA	Water	7470A	105121
LCS 705-105121/2-A	Lab Control Sample	Total/NA	Water	7470A	105121

General Chemistry

Analysis Batch: 14481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	350.1	
752-40518-2	824-SW-7	Total/NA	Water	350.1	
752-40518-3	824-SW-6	Total/NA	Water	350.1	
752-40518-4	824-SW-5	Total/NA	Water	350.1	
752-40518-5	824-SW-Dup	Total/NA	Water	350.1	
752-40518-6	824-SW-4	Total/NA	Water	350.1	
752-40518-7	824-SW-3	Total/NA	Water	350.1	
752-40518-8	824-SW-2	Total/NA	Water	350.1	
752-40518-9	824-SW-1	Total/NA	Water	350.1	
MB 752-14481/13	Method Blank	Total/NA	Water	350.1	
LCS 752-14481/14	Lab Control Sample	Total/NA	Water	350.1	
752-40518-4 MS	824-SW-5	Total/NA	Water	350.1	
752-40518-4 MSD	824-SW-5	Total/NA	Water	350.1	

Analysis Batch: 104208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	Nitrate by calc	
752-40518-2	824-SW-7	Total/NA	Water	Nitrate by calc	
752-40518-3	824-SW-6	Total/NA	Water	Nitrate by calc	
752-40518-4	824-SW-5	Total/NA	Water	Nitrate by calc	
752-40518-5	824-SW-Dup	Total/NA	Water	Nitrate by calc	
752-40518-6	824-SW-4	Total/NA	Water	Nitrate by calc	
752-40518-7	824-SW-3	Total/NA	Water	Nitrate by calc	
752-40518-8	824-SW-2	Total/NA	Water	Nitrate by calc	
752-40518-9	824-SW-1	Total/NA	Water	Nitrate by calc	

Analysis Batch: 105927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40518-1	824-SW-8	Total/NA	Water	353.2	
752-40518-2	824-SW-7	Total/NA	Water	353.2	
752-40518-3	824-SW-6	Total/NA	Water	353.2	
752-40518-4	824-SW-5	Total/NA	Water	353.2	
752-40518-5	824-SW-Dup	Total/NA	Water	353.2	
752-40518-6	824-SW-4	Total/NA	Water	353.2	
752-40518-7	824-SW-3	Total/NA	Water	353.2	
752-40518-8	824-SW-2	Total/NA	Water	353.2	
752-40518-9	824-SW-1	Total/NA	Water	353.2	
MB 705-105927/67	Method Blank	Total/NA	Water	353.2	
LCS 705-105927/14	Lab Control Sample	Total/NA	Water	353.2	

Lab Chronicle

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-8

Lab Sample ID: 752-40518-1

Date Collected: 12/19/25 09:00
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 18:54
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 20:49
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/23/25 22:56
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 00:44
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:19
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:08
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:11
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:45
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-7

Lab Sample ID: 752-40518-2

Date Collected: 12/19/25 09:15
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 19:19
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 21:19
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/23/25 23:18
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 00:56
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:36
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:12
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:13
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:47
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-6

Lab Sample ID: 752-40518-3

Date Collected: 12/19/25 09:30
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 19:44
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 21:50
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/23/25 23:39
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 01:07

Client Sample ID: 824-SW-6
Lab Sample ID: 752-40518-3

Date Collected: 12/19/25 09:30
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:38
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:26
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:18
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:48
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-5
Lab Sample ID: 752-40518-4

Date Collected: 12/19/25 10:00
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 20:09
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 22:20
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/24/25 00:00
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 01:53
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:41
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:29
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:20
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:50
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-Dup
Lab Sample ID: 752-40518-5

Date Collected: 12/19/25 10:00
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 20:34
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 22:51
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/24/25 00:22
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 02:04
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:43
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:33
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:25
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:52

Lab Chronicle

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-Dup

Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-4

Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 20:59
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 23:21
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/24/25 00:43
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/26/25 17:21
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:45
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:36
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:27
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:53
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-3

Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40518-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 21:24
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/23/25 23:52
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/24/25 01:04
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/26/25 17:32
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:48
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:40
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:29
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 12:55
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Lab Chronicle

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

Job ID: 752-40518-1

Client Sample ID: 824-SW-2

Lab Sample ID: 752-40518-8

Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 21:49
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/24/25 00:22
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/24/25 01:26
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 02:15
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:50
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:43
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:30
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 13:00
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: 824-SW-1

Lab Sample ID: 752-40518-9

Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 22:14
Total/NA	Prep	3511			734605	HG	EET PEN	12/22/25 12:14
Total/NA	Analysis	8270E		1	734734	VC1	EET PEN	12/24/25 00:52
Total/NA	Prep	3510C			734651	AMM	EET PEN	12/22/25 15:03
Total/NA	Analysis	8270E SIM ID		1	734811	VC1	EET PEN	12/24/25 01:47
Total/NA	Analysis	9056A		1	104201	MS	EET ATL	12/27/25 02:27
Total Recoverable	Prep	3005A			104435	TR	EET ATL	12/28/25 10:23
Total Recoverable	Analysis	6020B		1	104928	TT	EET ATL	12/28/25 20:52
Total/NA	Prep	7470A			105121	GR	EET ATL	12/31/25 11:05
Total/NA	Analysis	7470A		1	105578	GR	EET ATL	12/31/25 15:46
Total/NA	Analysis	350.1		1	14481	CB	EET RAL	12/29/25 12:32
Total/NA	Analysis	353.2		1	105927	AA	EET ATL	01/05/26 13:02
Total/NA	Analysis	Nitrate by calc		1	104208	JO	EET ATL	12/26/25 12:24

Client Sample ID: Trip Blank

Lab Sample ID: 752-40518-10

Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104410	Y1S	EET ATL	12/27/25 18:29
Total/NA	Analysis	8260D		1	105543	ZHZ	EET ATL 1	01/02/26 14:07

Lab Chronicle

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

Job ID: 752-40518-1

Laboratory References:

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

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

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: 752-40518-1
Project/Site: Walltown 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	12-31-26

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
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: 752-40518-1
Project/Site: Walltown Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET ATL
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

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

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: Walltown Park

Job ID: 752-40518-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40518-1	824-SW-8	Water	12/19/25 09:00	12/19/25 14:20	North Carolina
752-40518-2	824-SW-7	Water	12/19/25 09:15	12/19/25 14:20	North Carolina
752-40518-3	824-SW-6	Water	12/19/25 09:30	12/19/25 14:20	North Carolina
752-40518-4	824-SW-5	Water	12/19/25 10:00	12/19/25 14:20	North Carolina
752-40518-5	824-SW-Dup	Water	12/19/25 10:00	12/19/25 14:20	North Carolina
752-40518-6	824-SW-4	Water	12/19/25 10:30	12/19/25 14:20	North Carolina
752-40518-7	824-SW-3	Water	12/19/25 10:45	12/19/25 14:20	North Carolina
752-40518-8	824-SW-2	Water	12/19/25 11:00	12/19/25 14:20	North Carolina
752-40518-9	824-SW-1	Water	12/19/25 11:15	12/19/25 14:20	North Carolina
752-40518-10	Trip Blank	Water	12/19/25 09:00	12/19/25 14:20	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170288-59892.1
Client Contact: Jerry Paul	Phone: 984-303-9791	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BL			
Email: jpaul@smeinc.com	WO #:			
Project Name: Walltown Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

752-40518 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_D5 - 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		
824-SW-8	12/19/25	0900	G	W			X	X	X	X	X	X	X	13	
824-SW-7	12/19/25	0915	G	W			X	X	X	X	X	X	X	13	
824-SW-6	12/19/25	0930	G	W			X	X	X	X	X	X	X	13	
824-SW-5	12/19/25	1000	G	W			X	X	X	X	X	X	X	13	
824-SW-Dup	12/19/25	1000	G	W			X	X	X	X	X	X	X	13	
824-SW-4	12/19/25	1030	G	W			X	X	X	X	X	X	X	13	
~~824-SW-3~~ JO 824-SW-3	12/19/25	1045	G	W			X	X	X	X	X	X	X	13	
824-SW-2	12/19/25	1100	G	W			X	X	X	X	X	X	X	13	
824-SW-1	12/19/25	1115	G	W			X	X	X	X	X	X	X	13	
Trip Blank														13	

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
	Jonathan Olanin	12/19/25 1420	S&ME	Robert Vachon	12/19/25 1420	Eurofins
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.5 (3.3°C), 4.0 (3.8°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: 752-7581 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 #: 752-40518-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/31/2025			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: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
824-SW-8 (752-40518-1)	12/19/25	09 00 Eastern	G	Water			X	X	3	
824-SW-7 (752-40518-2)	12/19/25	09 15 Eastern	G	Water			X	X	3	
824-SW-6 (752-40518-3)	12/19/25	09 30 Eastern	G	Water			X	X	3	
824-SW-5 (752-40518-4)	12/19/25	10 00 Eastern	G	Water			X	X	3	
824-SW-Dup (752-40518-5)	12/19/25	10 00 Eastern	G	Water			X	X	3	
824-SW-4 (752-40518-6)	12/19/25	10 30 Eastern	G	Water			X	X	3	
824-SW-3 (752-40518-7)	12/19/25	10 45 Eastern	G	Water			X	X	3	
824-SW-2 (752-40518-8)	12/19/25	11 00 Eastern	G	Water			X	X	3	
824-SW-1 (752-40518-9)	12/19/25	11 15 Eastern	G	Water			X	X	3	

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.

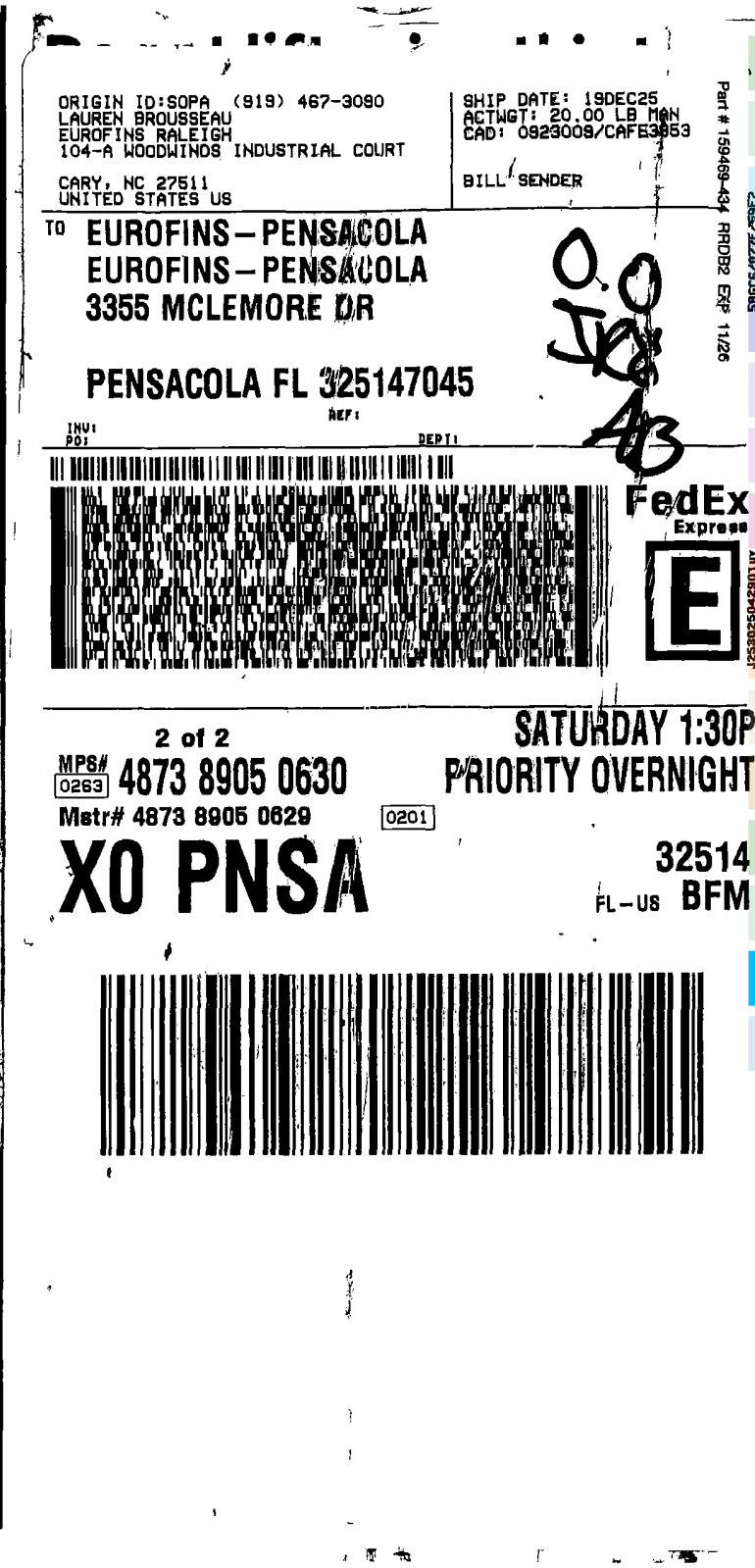
Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	12/19/25 1535				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/20/25 835	Company EEDS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks. 0.0,0.0 IRS

Ver 10/10/2024

1/6/2026



ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 19DEC25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3853

BILL SENDER

Part # 159469-434 RRD82 Exp 11/26

TO EUROFINS – PENSACOLA
EUROFINS – PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

REF:
INV:
PO:
DEPT:

0.0
5.6
43

FedEx Express

2 of 2

MPS# 0263 4873 8905 0630

Mstr# 4873 8905 0629

0201

SATURDAY 1:30P
PRIORITY OVERNIGHT

XO PNSA

32514
FL-US BFM

ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 19DEC25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953

BILL SENDER

Part # 159469-434 RRDB2 EXP 11/26

TO EUROFINS – PENSACOLA
EUROFINS – PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

0.0

INV:
PO:
REF:
DEPT:

FedEx Express

1 of 2

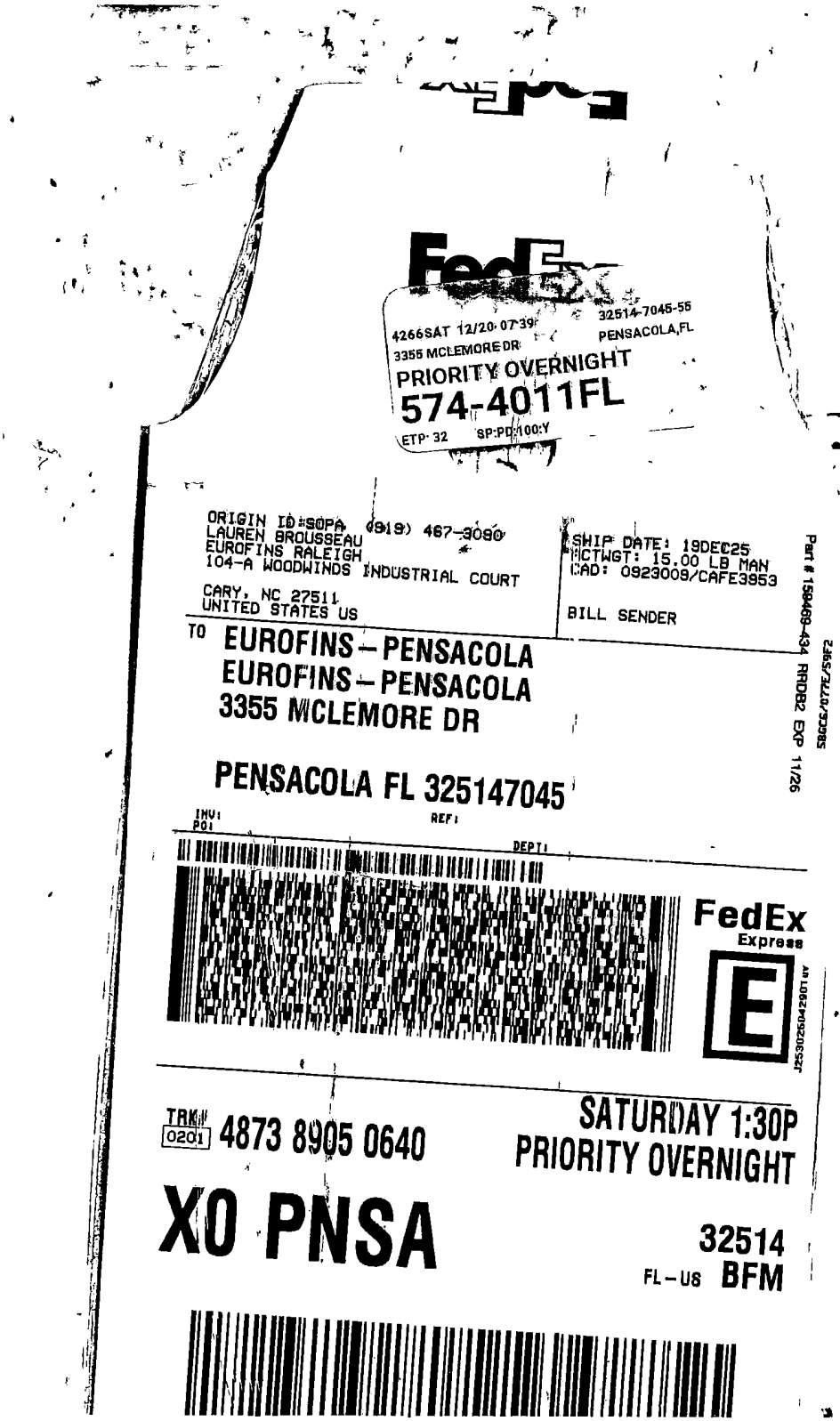
TRK# 0201 4873 8905 0629

SATURDAY 1:30P
PRIORITY OVERNIGHT

MASTER

XO PNSA

32514
FL – US BFM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3355 MCLEMORE DR
PENSACOLA,FL
PRIORITY OVERNIGHT
574-4011FL
ETP: 32
SP:PD:100:Y
ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 19DEC25
ACTWGT: 15.00 LB MAN
CAD: 0923009/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325147045
INV:
PO:
REF:
DEPT:
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2465/3770/9395
FedEx
Express
TRK#
0201 4873 8905 0640
SATURDAY 1:30P
PRIORITY OVERNIGHT
XO PNSA
32514
FL-US BFM

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40518-1

Login Number: 40518

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: 752-40518-1

Login Number: 40518
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/20/25 03:42 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: 752-40518-1

Login Number: 40518
List Number: 2
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 12/20/25 12:16 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 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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/6/2026 1:11:08 PM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-40519-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization

Generated
1/6/2026 1:11:08 PM

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

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Definitions/Glossary

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

Job ID: 752-40519-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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, low biased.

HPLC/IC

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

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
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
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-40519-1

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 12/19/2025 2:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.3°C and 3.6°C.

GC/MS VOA
Method 8260D: Internal standard responses were outside of acceptance limits for the following samples: 824-SED-6 (752-40519-6) and 824-SED-8 (752-40519-8). The samples show evidence of matrix interference.

Method 8260D: The laboratory control sample (LCS) for preparation batch 400-735445 and analytical batch 400-735424 recovered outside control limits for the following analyte: Isopropyl ether. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: All of the samples were analyzed for VOCs using volume from the bulk jars since the VOA vials were overfilled with sediment.

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 400-734557 and analytical batch 400-734898 recovered outside control limits for the following analytes: 2,4-Dinitrophenol, 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 sample contained an allowable number of surrogate compounds outside limits: 824-SED-1 (752-40519-1) and 824-SED-7 (752-40519-7). These results have been reported and qualified.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: 824-SED-7 (752-40519-7). 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: 824-SED-1 (752-40519-1), 824-SED-2 (752-40519-2), 824-SED-3 (752-40519-3), 824-SED-4 (752-40519-4), 824-SED-5 (752-40519-5), 824-SED-6 (752-40519-6), 824-SED-7 (752-40519-7), 824-SED-8 (752-40519-8), 824-SED-Dup (752-40519-9), (752-40519-C-1-B MS) and (752-40519-C-1-C 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.

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 705-104819 and analytical batch 705-105181 contained Nickel and Silver above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the

method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B_LL: The method blank for preparation batch 705-104819 and analytical batch 705-105475 contained Copper above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B_LL: The method blank for preparation batch 705-103438 and analytical batch 705-103636 contained Barium, Copper, Nickel, Silver and Thallium above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B_LL: The method blank for preparation batch 705-105534 and analytical batch 705-105662 contained Nickel and Silver above the method detection limit (MDL). These target analyte concentrations were 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
Method 7199: To verify the absence of an interference, EPA Method 7199 requires the sample to be diluted until the matrix spike (MS) recovery is within 85-115%. For this reason, the following samples were diluted: (752-40519-C-1-F MS) and (752-40519-C-1-G 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: Walltown Park

Job ID: 752-40519-1

Client Sample ID: 824-SED-1 — Lab Sample ID: 752-40519-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00700	J	0.0197	0.00554	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00493		0.00258	0.00258	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.209	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.228	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.334	J	0.360	0.00153	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.170	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.110	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.260	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0388	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.417		0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.167	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0765	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.347	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.02	J	2.81	0.815	mg/Kg	1	☼	9056A	Soluble
Sulfate	32.5		11.2	11.0	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.329	J	0.464	0.0414	mg/Kg	5	☼	6020B	Total/NA
Barium	8.29	B	1.93	0.0109	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0873	J	0.387	0.0271	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0716	J	0.387	0.0126	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.13		0.773	0.159	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.86		0.580	0.0219	mg/Kg	5	☼	6020B	Total/NA
Copper	9.74	B	0.387	0.0402	mg/Kg	5	☼	6020B	Total/NA
Lead	6.82		0.387	0.0456	mg/Kg	5	☼	6020B	Total/NA
Manganese	51.6		0.773	0.0476	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.73	B	0.773	0.0202	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0150	J B	0.193	0.00224	mg/Kg	5	☼	6020B	Total/NA
Vanadium	5.83		0.773	0.0971	mg/Kg	5	☼	6020B	Total/NA
Zinc	36.3		1.93	1.60	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 824-SED-2 — Lab Sample ID: 752-40519-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00472		0.00292	0.00292	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[a]pyrene	0.0513	J	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.109	J	0.373	0.00158	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0486	J	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.144	J *+	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0713	J	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0913	J	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0498	J	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0861	J	0.373	0.0373	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.26	J	3.13	0.908	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.421		0.386	0.0345	mg/Kg	5	☼	6020B	Total/NA
Barium	10.6		1.61	0.00911	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0517	J	0.322	0.0105	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.40		0.644	0.133	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.94		0.483	0.0182	mg/Kg	5	☼	6020B	Total/NA
Copper	8.15		0.322	0.0335	mg/Kg	5	☼	6020B	Total/NA
Lead	7.85		0.322	0.0380	mg/Kg	5	☼	6020B	Total/NA
Manganese	55.1		0.644	0.0396	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.65	B	0.644	0.0168	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 824-SED-2 (Continued) — Lab Sample ID: 752-40519-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.0340	J B	0.161	0.00187	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.60		0.644	0.0808	mg/Kg	5	☼	6020B	Total/NA
Zinc	34.2		1.61	1.34	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.310	J F1	1.23	0.123	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 824-SED-3 — Lab Sample ID: 752-40519-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00552		0.00251	0.00251	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0668	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0964	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.167	J	0.330	0.00140	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0826	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0594	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.230	J *+	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.130	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.260	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0736	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0640	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.217	J	0.330	0.0330	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.50	J	2.64	0.766	mg/Kg	1	☼	9056A	Soluble
Sulfate	17.7		10.6	10.4	mg/Kg	1	☼	9056A	Soluble
Antimony	0.305	J F1	0.541	0.124	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.44		0.325	0.0290	mg/Kg	5	☼	6020B	Total/NA
Barium	21.1	F1 F2	1.35	0.00766	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0833	J	0.271	0.0190	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0843	J	0.271	0.00882	mg/Kg	5	☼	6020B	Total/NA
Chromium	19.4	F1	0.541	0.111	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.73		0.406	0.0153	mg/Kg	5	☼	6020B	Total/NA
Copper	19.2	F1	0.271	0.0281	mg/Kg	5	☼	6020B	Total/NA
Lead	10.6		0.271	0.0319	mg/Kg	5	☼	6020B	Total/NA
Manganese	107		0.541	0.0333	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.6	B	0.541	0.0142	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0260	J B	0.135	0.00157	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0272	J	0.379	0.0228	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.3	F1	0.541	0.0679	mg/Kg	5	☼	6020B	Total/NA
Zinc	52.1		1.35	1.12	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 824-SED-4 — Lab Sample ID: 752-40519-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00481		0.00259	0.00259	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.168	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.239	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.423		0.345	0.00146	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.192	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.147	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.342	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0386	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.865		0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.195	J	0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.412		0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-4 (Continued) — Lab Sample ID: 752-40519-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.651		0.345	0.0345	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.41	J	2.80	0.813	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.346	J	0.537	0.0479	mg/Kg	5	☼	6020B	Total/NA
Barium	12.7	B	2.24	0.0127	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0616	J	0.447	0.0313	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0589	J	0.447	0.0146	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.96		0.894	0.184	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.24		0.671	0.0253	mg/Kg	5	☼	6020B	Total/NA
Copper	7.10	B	0.447	0.0465	mg/Kg	5	☼	6020B	Total/NA
Lead	8.57		0.447	0.0528	mg/Kg	5	☼	6020B	Total/NA
Manganese	69.7		0.894	0.0550	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.96	B	0.894	0.0234	mg/Kg	5	☼	6020B	Total/NA
Silver	0.00920	J B	0.224	0.00259	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0566	J B	0.626	0.0377	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.53		0.894	0.112	mg/Kg	5	☼	6020B	Total/NA
Zinc	35.4		2.24	1.86	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 824-SED-5 — Lab Sample ID: 752-40519-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00622		0.00271	0.00271	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0810	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.127	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.219	J	0.365	0.00155	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.108	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0715	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0817	J *+	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.141	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.215	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.111	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0652	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.187	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.31	J	2.87	0.833	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.590		0.486	0.0434	mg/Kg	5	☼	6020B	Total/NA
Barium	16.0	B	2.03	0.0115	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.227	J	0.405	0.0284	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0965	J	0.405	0.0132	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.99		0.810	0.167	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.10		0.608	0.0229	mg/Kg	5	☼	6020B	Total/NA
Copper	9.19	B	0.405	0.0421	mg/Kg	5	☼	6020B	Total/NA
Lead	19.8		0.405	0.0478	mg/Kg	5	☼	6020B	Total/NA
Manganese	69.6		0.810	0.0498	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.32	B	0.810	0.0212	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0157	J B	0.203	0.00235	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.30		0.810	0.102	mg/Kg	5	☼	6020B	Total/NA
Zinc	49.6		2.03	1.68	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 824-SED-6 — Lab Sample ID: 752-40519-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0912	J	0.203	0.0449	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00862		0.00426	0.00426	mg/Kg	2	☼	8270E SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 824-SED-6 (Continued) — Lab Sample ID: 752-40519-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.0897	J	0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.0888	J	0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.885		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.04		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.91		0.586	0.00248	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.852		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.651		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.142	J	0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.44		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.187	J	0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.44		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.878		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.699		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Pyrene	2.17		0.586	0.0586	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.78	J	4.56	1.32	mg/Kg	1	☼	9056A	Soluble
Sulfate	22.8		18.2	17.9	mg/Kg	1	☼	9056A	Soluble
Antimony	0.511	J	1.36	0.311	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.34		0.818	0.0729	mg/Kg	5	☼	6020B	Total/NA
Barium	46.5	B	3.41	0.0193	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.184	J	0.682	0.0478	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.275	J	0.682	0.0222	mg/Kg	5	☼	6020B	Total/NA
Chromium	10.1		1.36	0.281	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.28		1.02	0.0386	mg/Kg	5	☼	6020B	Total/NA
Copper	47.7	B	0.682	0.0709	mg/Kg	5	☼	6020B	Total/NA
Lead	65.7		0.682	0.0804	mg/Kg	5	☼	6020B	Total/NA
Manganese	194		1.36	0.0838	mg/Kg	5	☼	6020B	Total/NA
Nickel	20.3	B	1.36	0.0356	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.254	J	3.41	0.242	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0978	J B	0.341	0.00395	mg/Kg	5	☼	6020B	Total/NA
Vanadium	16.2		1.36	0.171	mg/Kg	5	☼	6020B	Total/NA
Zinc	165		3.41	2.83	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0718	J	0.172	0.0251	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 824-SED-7 — Lab Sample ID: 752-40519-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0563	J	0.148	0.0326	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00576		0.00316	0.00316	mg/Kg	2	☼	8270E SIM ID	Total/NA
3 & 4 Methylphenol	0.220	J	0.831	0.0416	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.679		0.416	0.0416	mg/Kg	1	☼	8270E	Total/NA
Acetophenone	0.0744	J	0.416	0.0416	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.232	J	0.416	0.0416	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	NR		0.416	0.0416	ug/L	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	NR		0.416	0.126	ug/L	1	☼	8270E	Total/NA
Chrysene	NR		0.416	0.0416	ug/L	1	☼	8270E	Total/NA
N-Nitrosodiphenylamine	0.370	J	0.416	0.0416	mg/Kg	1	☼	8270E	Total/NA
Phenol	0.729		0.416	0.0416	mg/Kg	1	☼	8270E	Total/NA
1,1'-Biphenyl - DL	4.55	J	8.31	0.242	mg/Kg	20	☼	8270E	Total/NA
2-Methylnaphthalene - DL	21.2		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Acenaphthene - DL	37.5		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Anthracene - DL	69.1		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-7 (Continued) — Lab Sample ID: 752-40519-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene - DL	62.0		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Benzo[k]fluoranthene - DL	61.3		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Carbazole - DL	53.0		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Dibenz(a,h)anthracene - DL	17.3		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Dibenzofuran - DL	36.7		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Fluorene - DL	38.8		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene - DL	68.4		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Naphthalene - DL	52.8		8.31	0.831	mg/Kg	20	☼	8270E	Total/NA
Benzo[a]pyrene - DL2	102		41.6	4.16	mg/Kg	100	☼	8270E	Total/NA
Benzo[b]fluoranthene - DL2	147		41.6	0.176	mg/Kg	100	☼	8270E	Total/NA
Fluoranthene - DL2	313		41.6	4.16	mg/Kg	100	☼	8270E	Total/NA
Phenanthrene - DL2	325		41.6	4.16	mg/Kg	100	☼	8270E	Total/NA
Pyrene - DL2	234		41.6	4.16	mg/Kg	100	☼	8270E	Total/NA
Nitrate as N	2.83	J	3.36	0.975	mg/Kg	1	☼	9056A	Soluble
Sulfate	15.5		13.4	13.2	mg/Kg	1	☼	9056A	Soluble
Antimony	0.535	J	0.794	0.182	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.85		0.477	0.0425	mg/Kg	5	☼	6020B	Total/NA
Barium	77.0		1.99	0.0112	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.329	J	0.397	0.0278	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.548		0.397	0.0129	mg/Kg	5	☼	6020B	Total/NA
Chromium	10.3		0.794	0.164	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.57		0.596	0.0225	mg/Kg	5	☼	6020B	Total/NA
Copper	33.0		0.397	0.0413	mg/Kg	5	☼	6020B	Total/NA
Lead	61.6		0.397	0.0469	mg/Kg	5	☼	6020B	Total/NA
Manganese	229		0.794	0.0489	mg/Kg	5	☼	6020B	Total/NA
Nickel	11.2	B	0.794	0.0208	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.383	J	1.99	0.141	mg/Kg	5	☼	6020B	Total/NA
Silver	0.119	J B	0.199	0.00230	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0544	J	0.556	0.0335	mg/Kg	5	☼	6020B	Total/NA
Vanadium	15.0		0.794	0.0997	mg/Kg	5	☼	6020B	Total/NA
Zinc	187		1.99	1.65	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0423	J	0.135	0.0197	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.292	J	1.31	0.131	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 824-SED-8 — Lab Sample ID: 752-40519-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0582	J	0.156	0.0344	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00512		0.00344	0.00344	mg/Kg	2	☼	8270E SIM ID	Total/NA
2-Methylnaphthalene	0.0499	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.0725	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.177	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.503		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.578		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.09		0.464	0.00197	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.529		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.344	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.101	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.819		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.113	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.48		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-8 (Continued) — Lab Sample ID: 752-40519-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.532		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.528		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.19		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	2.34	J	3.73	1.08	mg/Kg	1	☼	9056A	Soluble
Antimony	0.482	J	0.840	0.192	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.07		0.504	0.0449	mg/Kg	5	☼	6020B	Total/NA
Barium	45.1		2.10	0.0119	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.219	J	0.420	0.0294	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.206	J	0.420	0.0137	mg/Kg	5	☼	6020B	Total/NA
Chromium	6.76		0.840	0.173	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.57		0.630	0.0238	mg/Kg	5	☼	6020B	Total/NA
Copper	18.7		0.420	0.0437	mg/Kg	5	☼	6020B	Total/NA
Lead	47.4		0.420	0.0496	mg/Kg	5	☼	6020B	Total/NA
Manganese	164		0.840	0.0517	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.17	B	0.840	0.0220	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.163	J	2.10	0.149	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0590	J B	0.210	0.00244	mg/Kg	5	☼	6020B	Total/NA
Vanadium	10.6		0.840	0.105	mg/Kg	5	☼	6020B	Total/NA
Zinc	110		2.10	1.74	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0362	J	0.130	0.0189	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 824-SED-Dup — Lab Sample ID: 752-40519-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00601		0.00290	0.00290	mg/Kg	2	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0687	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0777	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.130	J	0.394	0.00167	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0647	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0425	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.205	J *+	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.104	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.212	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0645	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0591	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.175	J	0.394	0.0394	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.12	J	3.08	0.893	mg/Kg	1	☼	9056A	Soluble
Antimony	0.646	J	0.840	0.192	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.602		0.504	0.0449	mg/Kg	5	☼	6020B	Total/NA
Barium	60.0	B	2.10	0.0119	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.115	J	0.420	0.0294	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0957	J	0.420	0.0137	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.53		0.840	0.173	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.49		0.630	0.0238	mg/Kg	5	☼	6020B	Total/NA
Copper	11.1	B	0.420	0.0437	mg/Kg	5	☼	6020B	Total/NA
Lead	12.7		0.420	0.0495	mg/Kg	5	☼	6020B	Total/NA
Manganese	108		0.840	0.0516	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.31	B	0.840	0.0220	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0180	J B	0.210	0.00244	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.35		0.840	0.105	mg/Kg	5	☼	6020B	Total/NA
Zinc	52.1		2.10	1.74	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-Dup (Continued) — Lab Sample ID: 752-40519-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.118	J	1.12	0.112	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-40519-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 824-SED-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-1
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0985	0.0218	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Benzene	ND		0.00493	0.000745	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Bromobenzene	ND		0.00493	0.000929	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Bromoform	ND		0.00493	0.00209	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Bromomethane	ND		0.00493	0.00194	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
2-Butanone (MEK)	ND		0.0493	0.00548	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Carbon disulfide	ND		0.00985	0.00252	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Carbon tetrachloride	ND		0.00493	0.000933	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Chlorobenzene	ND		0.00493	0.000827	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Chlorobromomethane	ND		0.00493	0.00118	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Chlorodibromomethane	ND		0.00493	0.000783	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Chloroethane	ND		0.00985	0.00186	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Chloroform	ND		0.00493	0.000955	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Chloromethane	ND		0.00985	0.00146	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
2-Chlorotoluene	ND		0.00493	0.00106	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
4-Chlorotoluene	ND		0.00493	0.00107	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
cis-1,2-Dichloroethene	ND		0.00493	0.00118	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
cis-1,3-Dichloropropene	ND		0.00493	0.00115	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2-Dibromo-3-Chloropropane	ND		0.00493	0.00203	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Dibromomethane	ND		0.00493	0.000995	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2-Dichlorobenzene	ND		0.00493	0.00106	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,3-Dichlorobenzene	ND		0.00493	0.000784	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,4-Dichlorobenzene	ND		0.00493	0.00114	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Dichlorobromomethane	ND		0.00493	0.000924	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1-Dichloroethane	ND		0.00493	0.000892	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2-Dichloroethane	ND		0.00493	0.00119	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1-Dichloroethene	ND		0.00493	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2-Dichloropropane	ND		0.00493	0.000675	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,3-Dichloropropane	ND		0.00493	0.00113	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
2,2-Dichloropropane	ND		0.00493	0.00114	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1-Dichloropropene	ND		0.00493	0.00101	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Ethyl acetate	ND		0.0493	0.0493	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Ethylbenzene	ND		0.00493	0.00105	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Ethylene Dibromide	ND		0.00493	0.000860	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Hexachlorobutadiene	ND		0.00493	0.00158	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Hexane	ND		0.00985	0.00985	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
2-Hexanone	ND		0.00985	0.00726	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Iodomethane	ND		0.00985	0.00188	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Isopropylbenzene	ND		0.00493	0.00145	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Isopropyl ether	ND		0.00985	0.00985	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
4-Isopropyltoluene	ND		0.00493	0.00335	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Methylene Chloride	**0.00700**	**J**	0.0197	0.00554	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		0.00985	0.00321	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Methyl tert-butyl ether	ND		0.00493	0.00172	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
m-Xylene & p-Xylene	ND		0.00985	0.00214	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Naphthalene	ND		0.00493	0.00379	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
n-Butylbenzene	ND		0.00493	0.00173	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
n-Heptane	ND		0.00985	0.00985	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
N-Propylbenzene	ND		0.00493	0.00102	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1

Client Sample ID: 824-SED-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-1
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00493	0.00130	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
sec-Butylbenzene	ND		0.00493	0.00112	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Styrene	ND		0.00493	0.00250	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
tert-Butylbenzene	ND		0.00493	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1,1,2-Tetrachloroethane	ND		0.00493	0.000975	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1,2,2-Tetrachloroethane	ND		0.00493	0.00128	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Tetrachloroethene	ND		0.00493	0.000802	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Toluene	ND		0.00493	0.000968	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
trans-1,4-Dichloro-2-butene	ND		0.00985	0.00497	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
trans-1,2-Dichloroethene	ND		0.00493	0.00119	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
trans-1,3-Dichloropropene	ND		0.00493	0.00101	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2,3-Trichlorobenzene	ND		0.00493	0.00257	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2,4-Trichlorobenzene	ND		0.00493	0.00198	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1,1-Trichloroethane	ND		0.00493	0.00142	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1,2-Trichloroethane	ND		0.00493	0.000887	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Trichloroethene	ND		0.00493	0.000684	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Trichlorofluoromethane	ND		0.00493	0.00186	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2,3-Trichloropropane	ND		0.00493	0.00132	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00985	0.000978	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,2,4-Trimethylbenzene	ND		0.00493	0.00115	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
1,3,5-Trimethylbenzene	ND		0.00493	0.00122	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Vinyl acetate	ND		0.00985	0.00327	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Vinyl chloride	ND		0.00985	0.00163	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1
Xylenes, Total	ND		0.00493	0.00130	mg/Kg	☼	12/31/25 14:53	12/31/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/31/25 14:53*	*12/31/25 16:16*	*1*
Dibromofluoromethane	*101*		*80 - 119*	*12/31/25 14:53*	*12/31/25 16:16*	*1*
Toluene-d8 (Surr)	*104*		*71 - 129*	*12/31/25 14:53*	*12/31/25 16:16*	*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	**0.00493**		0.00258	0.00258	mg/Kg	☼	12/22/25 10:56	12/24/25 10:19	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*68*		*10 - 150*	*12/22/25 10:56*	*12/24/25 10:19*	*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		0.360	0.0105	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,4,5-Trichlorophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,4,6-Trichlorophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,4-Dichlorophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,4-Dimethylphenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,4-Dinitrophenol	ND	*+	1.08	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,4-Dinitrotoluene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2,6-Dinitrotoluene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2-Chloronaphthalene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2-Chlorophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2-Methylnaphthalene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2-Methylphenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1

Client Sample ID: 824-SED-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-1
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
2-Nitrophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
3 & 4 Methylphenol	ND		0.719	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
3,3'-Dichlorobenzidine	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
3-Nitroaniline	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4,6-Dinitro-2-methylphenol	ND	*+	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4-Bromophenyl phenyl ether	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4-Chloro-3-methylphenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4-Chloroaniline	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4-Chlorophenyl phenyl ether	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4-Nitroaniline	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
4-Nitrophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Acenaphthene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Acenaphthylene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Acetophenone	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Anthracene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Atrazine	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Benzaldehyde	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Benzo[a]anthracene	**0.209**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Benzo[a]pyrene	**0.228**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Benzo[b]fluoranthene	**0.334**	**J**	0.360	0.00153	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Benzo[g,h,i]perylene	**0.170**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Benzo[k]fluoranthene	**0.110**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
bis (2-chloroisopropyl) ether	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Bis(2-chloroethoxy)methane	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Bis(2-chloroethyl)ether	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Bis(2-ethylhexyl) phthalate	ND		0.360	0.109	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Butyl benzyl phthalate	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Caprolactam	ND	*+	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Carbazole	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Chrysene	**0.260**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Dibenz(a,h)anthracene	**0.0388**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Dibenzofuran	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Diethyl phthalate	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Dimethyl phthalate	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Di-n-butyl phthalate	ND		1.08	0.327	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Di-n-octyl phthalate	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Fluoranthene	**0.417**		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Fluorene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Hexachlorobenzene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Hexachlorobutadiene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Hexachlorocyclopentadiene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Hexachloroethane	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Indeno[1,2,3-cd]pyrene	**0.167**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Isophorone	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Naphthalene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Nitrobenzene	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
N-Nitrosodi-n-propylamine	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
N-Nitrosodiphenylamine	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1

Client Sample ID: 824-SED-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-1
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Phenanthrene	**0.0765**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Phenol	ND		0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1
Pyrene	**0.347**	**J**	0.360	0.0360	mg/Kg	☼	12/22/25 08:45	12/26/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*	*S1-*	*40 - 140*	*12/22/25 08:45*	*12/26/25 22:51*	*1*
2-Fluorobiphenyl (Surr)	*93*		*40 - 140*	*12/22/25 08:45*	*12/26/25 22:51*	*1*
2-Fluorophenol (Surr)	*92*		*40 - 140*	*12/22/25 08:45*	*12/26/25 22:51*	*1*
Nitrobenzene-d5 (Surr)	*97*		*40 - 140*	*12/22/25 08:45*	*12/26/25 22:51*	*1*
Phenol-d5 (Surr)	*86*		*40 - 140*	*12/22/25 08:45*	*12/26/25 22:51*	*1*
Terphenyl-d14 (Surr)	*103*		*40 - 140*	*12/22/25 08:45*	*12/26/25 22:51*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.02**	**J**	2.81	0.815	mg/Kg	☼		12/27/25 12:00	1
Sulfate	**32.5**		11.2	11.0	mg/Kg	☼		12/27/25 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.773	0.177	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Arsenic	**0.329**	**J**	0.464	0.0414	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Barium	**8.29**	**B**	1.93	0.0109	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Beryllium	**0.0873**	**J**	0.387	0.0271	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Cadmium	**0.0716**	**J**	0.387	0.0126	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Chromium	**4.13**		0.773	0.159	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Cobalt	**2.86**		0.580	0.0219	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Copper	**9.74**	**B**	0.387	0.0402	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Lead	**6.82**		0.387	0.0456	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Manganese	**51.6**		0.773	0.0476	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Nickel	**9.73**	**B**	0.773	0.0202	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Selenium	ND		1.93	0.137	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Silver	**0.0150**	**J B**	0.193	0.00224	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Thallium	ND		0.541	0.0326	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Vanadium	**5.83**		0.773	0.0971	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5
Zinc	**36.3**		1.93	1.60	mg/Kg	☼	12/22/25 09:27	12/22/25 15:13	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0997	0.0146	mg/Kg	☼	12/30/25 10:30	12/30/25 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND	F2	1.08	0.108	mg/Kg	☼	12/29/25 10:06	12/30/25 16:39	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.11	0.355	mg/Kg	☼		01/02/26 12:23	1

Client Sample ID: 824-SED-2

Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-2

Matrix: Solid
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0316	0.0152	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Benzene	ND		0.00631	0.000846	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Bromobenzene	ND		0.00631	0.00164	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Bromoform	ND		0.00631	0.00164	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Bromomethane	ND		0.00631	0.00316	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
2-Butanone (MEK)	ND		0.0316	0.00758	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Carbon disulfide	ND		0.00631	0.00319	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Carbon tetrachloride	ND		0.00631	0.00215	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Chlorobenzene	ND		0.00631	0.00167	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Chlorobromomethane	ND		0.00631	0.00102	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Chlorodibromomethane	ND		0.00631	0.00152	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Chloroethane	ND		0.00631	0.00417	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Chloroform	ND		0.00631	0.00172	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Chloromethane	ND		0.00631	0.00279	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
2-Chlorotoluene	ND		0.00631	0.00210	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
4-Chlorotoluene	ND		0.00631	0.00124	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
cis-1,2-Dichloroethene	ND		0.00631	0.000960	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
cis-1,3-Dichloropropene	ND		0.00631	0.00152	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2-Dibromo-3-Chloropropane	ND		0.00631	0.00417	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Dibromomethane	ND		0.00631	0.00105	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2-Dichlorobenzene	ND		0.00631	0.00201	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,3-Dichlorobenzene	ND		0.00631	0.00120	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,4-Dichlorobenzene	ND		0.00631	0.00109	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Dichlorobromomethane	ND		0.00631	0.00116	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1-Dichloroethane	ND		0.00631	0.00105	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2-Dichloroethane	ND		0.00631	0.00232	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1-Dichloroethene	ND		0.00631	0.00265	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2-Dichloropropane	ND		0.00631	0.000960	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,3-Dichloropropane	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
2,2-Dichloropropane	ND		0.00631	0.00139	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1-Dichloropropene	ND		0.00631	0.00105	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Ethyl acetate	ND		0.0253	0.00631	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Ethylbenzene	ND		0.00631	0.000770	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Ethylene Dibromide	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Hexachlorobutadiene	ND		0.00631	0.00316	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Hexane	ND		0.00631	0.00328	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
2-Hexanone	ND		0.0316	0.00631	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Iodomethane	ND		0.00631	0.00429	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Isopropylbenzene	ND		0.00631	0.000859	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Isopropyl ether	ND	*+	0.00631	0.00174	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
4-Isopropyltoluene	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Methylene Chloride	ND		0.0189	0.0126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.0316	0.0170	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Methyl tert-butyl ether	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
m-Xylene & p-Xylene	ND		0.00631	0.00379	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Naphthalene	ND		0.00631	0.00379	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
n-Butylbenzene	ND		0.00631	0.00121	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
n-Heptane	ND		0.00631	0.00365	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
N-Propylbenzene	ND		0.00631	0.00114	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-2
Matrix: Solid
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00631	0.00379	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
sec-Butylbenzene	ND		0.00631	0.00120	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Styrene	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
tert-Butylbenzene	ND		0.00631	0.00139	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1,1,2-Tetrachloroethane	ND		0.00631	0.00139	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1,2,2-Tetrachloroethane	ND		0.00631	0.00217	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Tetrachloroethene	ND		0.00631	0.00379	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Toluene	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
trans-1,4-Dichloro-2-butene	ND		0.00631	0.00316	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
trans-1,2-Dichloroethene	ND		0.00631	0.00121	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
trans-1,3-Dichloropropene	ND		0.00631	0.00139	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2,3-Trichlorobenzene	ND		0.00631	0.00139	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2,4-Trichlorobenzene	ND		0.00631	0.00254	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1,1-Trichloroethane	ND		0.00631	0.00139	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1,2-Trichloroethane	ND		0.00631	0.00203	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Trichloroethene	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Trichlorofluoromethane	ND		0.00631	0.00306	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2,3-Trichloropropane	ND		0.00631	0.00263	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00631	0.00237	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,2,4-Trimethylbenzene	ND		0.00631	0.00126	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
1,3,5-Trimethylbenzene	ND		0.00631	0.00105	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Vinyl acetate	ND		0.0316	0.00806	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Vinyl chloride	ND		0.00631	0.00275	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1
Xylenes, Total	ND		0.0126	0.00758	mg/Kg	☼	01/02/26 09:46	01/02/26 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:30*	*1*
Dibromofluoromethane	*97*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:30*	*1*
Toluene-d8 (Surr)	*105*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00472**		0.00292	0.00292	mg/Kg	☼	12/22/25 10:56	12/24/25 10:40	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*74*		*10 - 150*	*12/22/25 10:56*	*12/24/25 10:40*	*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		0.373	0.0109	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,4,5-Trichlorophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,4,6-Trichlorophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,4-Dichlorophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,4-Dimethylphenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,4-Dinitrophenol	ND	*+	1.12	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,4-Dinitrotoluene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2,6-Dinitrotoluene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2-Chloronaphthalene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2-Chlorophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2-Methylnaphthalene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1

Client Sample ID: 824-SED-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-2
Matrix: Solid
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2-Nitroaniline	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
2-Nitrophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
3 & 4 Methylphenol	ND		0.747	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
3,3'-Dichlorobenzidine	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
3-Nitroaniline	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4,6-Dinitro-2-methylphenol	ND	*+	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4-Bromophenyl phenyl ether	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4-Chloro-3-methylphenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4-Chloroaniline	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4-Chlorophenyl phenyl ether	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4-Nitroaniline	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
4-Nitrophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Acenaphthene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Acenaphthylene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Acetophenone	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Anthracene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Atrazine	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Benzaldehyde	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Benzo[a]anthracene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Benzo[a]pyrene	**0.0513**	**J**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Benzo[b]fluoranthene	**0.109**	**J**	0.373	0.00158	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Benzo[g,h,i]perylene	**0.0486**	**J**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Benzo[k]fluoranthene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
bis (2-chloroisopropyl) ether	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Bis(2-chloroethoxy)methane	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Bis(2-chloroethyl)ether	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Bis(2-ethylhexyl) phthalate	ND		0.373	0.113	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Butyl benzyl phthalate	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Caprolactam	**0.144**	**J *+**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Carbazole	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Chrysene	**0.0713**	**J**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Dibenz(a,h)anthracene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Dibenzofuran	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Diethyl phthalate	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Dimethyl phthalate	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Di-n-butyl phthalate	ND		1.12	0.339	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Di-n-octyl phthalate	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Fluoranthene	**0.0913**	**J**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Fluorene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Hexachlorobenzene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Hexachlorobutadiene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Hexachlorocyclopentadiene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Hexachloroethane	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Indeno[1,2,3-cd]pyrene	**0.0498**	**J**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Isophorone	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Naphthalene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Nitrobenzene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
N-Nitrosodi-n-propylamine	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1

Client Sample ID: 824-SED-2

Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-2

Matrix: Solid
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Pentachlorophenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Phenanthrene	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Phenol	ND		0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1
Pyrene	**0.0861**	**J**	0.373	0.0373	mg/Kg	☼	12/22/25 08:45	12/26/25 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:22*	*1*
2-Fluorobiphenyl (Surr)	*102*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:22*	*1*
2-Fluorophenol (Surr)	*102*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:22*	*1*
Nitrobenzene-d5 (Surr)	*108*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:22*	*1*
Phenol-d5 (Surr)	*106*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:22*	*1*
Terphenyl-d14 (Surr)	*112*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:22*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.26**	**J**	3.13	0.908	mg/Kg	☼		01/02/26 14:21	1
Sulfate	ND		12.5	12.3	mg/Kg	☼		01/02/26 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.644	0.147	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Arsenic	**0.421**		0.386	0.0345	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Barium	**10.6**		1.61	0.00911	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Beryllium	ND		0.322	0.0226	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Cadmium	**0.0517**	**J**	0.322	0.0105	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Chromium	**5.40**		0.644	0.133	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Cobalt	**2.94**		0.483	0.0182	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Copper	**8.15**		0.322	0.0335	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Lead	**7.85**		0.322	0.0380	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Manganese	**55.1**		0.644	0.0396	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Nickel	**9.65**	**B**	0.644	0.0168	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Selenium	ND		1.61	0.114	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Silver	**0.0340**	**J B**	0.161	0.00187	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Thallium	ND		0.451	0.0271	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Vanadium	**7.60**		0.644	0.0808	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5
Zinc	**34.2**		1.61	1.34	mg/Kg	☼	01/02/26 12:22	01/02/26 19:52	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.121	0.0177	mg/Kg	☼	01/02/26 16:24	01/02/26 17:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.310**	**J F1**	1.23	0.123	mg/Kg	☼	12/29/25 10:06	12/30/25 17:16	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.21	0.387	mg/Kg	☼		01/02/26 12:31	1

Client Sample ID: 824-SED-3

Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-3

Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0269	0.0129	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Benzene	ND		0.00539	0.000722	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Bromobenzene	ND		0.00539	0.00140	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Bromoform	ND		0.00539	0.00140	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Bromomethane	ND		0.00539	0.00269	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
2-Butanone (MEK)	ND		0.0269	0.00647	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Carbon disulfide	ND		0.00539	0.00273	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Carbon tetrachloride	ND		0.00539	0.00183	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Chlorobenzene	ND		0.00539	0.00142	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Chlorobromomethane	ND		0.00539	0.000873	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Chlorodibromomethane	ND		0.00539	0.00129	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Chloroethane	ND		0.00539	0.00356	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Chloroform	ND		0.00539	0.00147	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Chloromethane	ND		0.00539	0.00238	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
2-Chlorotoluene	ND		0.00539	0.00179	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
4-Chlorotoluene	ND		0.00539	0.00106	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
cis-1,2-Dichloroethene	ND		0.00539	0.000819	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
cis-1,3-Dichloropropene	ND		0.00539	0.00129	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2-Dibromo-3-Chloropropane	ND		0.00539	0.00356	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Dibromomethane	ND		0.00539	0.000894	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2-Dichlorobenzene	ND		0.00539	0.00171	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,3-Dichlorobenzene	ND		0.00539	0.00102	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,4-Dichlorobenzene	ND		0.00539	0.000927	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Dichlorobromomethane	ND		0.00539	0.000991	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1-Dichloroethane	ND		0.00539	0.000894	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2-Dichloroethane	ND		0.00539	0.00198	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1-Dichloroethene	ND		0.00539	0.00226	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2-Dichloropropane	ND		0.00539	0.000819	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,3-Dichloropropane	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
2,2-Dichloropropane	ND		0.00539	0.00119	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1-Dichloropropene	ND		0.00539	0.000894	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Ethyl acetate	ND		0.0216	0.00539	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Ethylbenzene	ND		0.00539	0.000657	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Ethylene Dibromide	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Hexachlorobutadiene	ND		0.00539	0.00269	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Hexane	ND		0.00539	0.00280	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
2-Hexanone	ND		0.0269	0.00539	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Iodomethane	ND		0.00539	0.00366	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Isopropylbenzene	ND		0.00539	0.000733	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Isopropyl ether	ND	*+	0.00539	0.00149	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
4-Isopropyltoluene	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Methylene Chloride	ND		0.0162	0.0108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		0.0269	0.0145	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Methyl tert-butyl ether	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
m-Xylene & p-Xylene	ND		0.00539	0.00323	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Naphthalene	ND		0.00539	0.00323	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
n-Butylbenzene	ND		0.00539	0.00103	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
n-Heptane	ND		0.00539	0.00311	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
N-Propylbenzene	ND		0.00539	0.000970	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1

Client Sample ID: 824-SED-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-3
Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00539	0.00323	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
sec-Butylbenzene	ND		0.00539	0.00102	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Styrene	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
tert-Butylbenzene	ND		0.00539	0.00119	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1,1,2-Tetrachloroethane	ND		0.00539	0.00119	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1,2,2-Tetrachloroethane	ND		0.00539	0.00185	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Tetrachloroethene	ND		0.00539	0.00323	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Toluene	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
trans-1,4-Dichloro-2-butene	ND		0.00539	0.00269	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
trans-1,2-Dichloroethene	ND		0.00539	0.00103	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
trans-1,3-Dichloropropene	ND		0.00539	0.00119	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2,3-Trichlorobenzene	ND		0.00539	0.00119	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2,4-Trichlorobenzene	ND		0.00539	0.00217	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1,1-Trichloroethane	ND		0.00539	0.00119	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1,2-Trichloroethane	ND		0.00539	0.00173	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Trichloroethene	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Trichlorofluoromethane	ND		0.00539	0.00261	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2,3-Trichloropropane	ND		0.00539	0.00224	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00539	0.00203	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,2,4-Trimethylbenzene	ND		0.00539	0.00108	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
1,3,5-Trimethylbenzene	ND		0.00539	0.000894	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Vinyl acetate	ND		0.0269	0.00687	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Vinyl chloride	ND		0.00539	0.00235	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1
Xylenes, Total	ND		0.0108	0.00647	mg/Kg	☼	01/02/26 09:46	01/02/26 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:52*	*1*
Dibromofluoromethane	*98*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:52*	*1*
Toluene-d8 (Surr)	*104*		*50 - 150*	*01/02/26 09:46*	*01/02/26 12:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00552**		0.00251	0.00251	mg/Kg	☼	12/22/25 10:56	12/24/25 11:02	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*10 - 150*	*12/22/25 10:56*	*12/24/25 11:02*	*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		0.330	0.00960	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,4-Dinitrophenol	ND	*+	0.990	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1

Client Sample ID: 824-SED-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-3
Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4,6-Dinitro-2-methylphenol	ND	*+	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Acenaphthene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Acetophenone	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Anthracene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Atrazine	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Benzo[a]anthracene	**0.0668**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Benzo[a]pyrene	**0.0964**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Benzo[b]fluoranthene	**0.167**	**J**	0.330	0.00140	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Benzo[g,h,i]perylene	**0.0826**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Benzo[k]fluoranthene	**0.0594**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Caprolactam	**0.230**	**J *+**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Carbazole	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Chrysene	**0.130**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Fluoranthene	**0.260**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Fluorene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Indeno[1,2,3-cd]pyrene	**0.0736**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Isophorone	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Naphthalene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1

Client Sample ID: 824-SED-3
Date Collected: 12/19/25 10:45
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-3
Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Phenanthrene	**0.0640**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Phenol	ND		0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1
Pyrene	**0.217**	**J**	0.330	0.0330	mg/Kg	☼	12/22/25 08:45	12/26/25 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:52*	*1*
2-Fluorobiphenyl (Surr)	*97*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:52*	*1*
2-Fluorophenol (Surr)	*98*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:52*	*1*
Nitrobenzene-d5 (Surr)	*104*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:52*	*1*
Phenol-d5 (Surr)	*90*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:52*	*1*
Terphenyl-d14 (Surr)	*110*		*40 - 140*	*12/22/25 08:45*	*12/26/25 23:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.50**	**J**	2.64	0.766	mg/Kg	☼		01/02/26 14:55	1
Sulfate	**17.7**		10.6	10.4	mg/Kg	☼		01/02/26 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.305**	**J F1**	0.541	0.124	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Arsenic	**1.44**		0.325	0.0290	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Barium	**21.1**	**F1 F2**	1.35	0.00766	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Beryllium	**0.0833**	**J**	0.271	0.0190	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Cadmium	**0.0843**	**J**	0.271	0.00882	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Chromium	**19.4**	**F1**	0.541	0.111	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Cobalt	**3.73**		0.406	0.0153	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Copper	**19.2**	**F1**	0.271	0.0281	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Lead	**10.6**		0.271	0.0319	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Manganese	**107**		0.541	0.0333	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Nickel	**10.6**	**B**	0.541	0.0142	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Selenium	ND		1.35	0.0961	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Silver	**0.0260**	**J B**	0.135	0.00157	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Thallium	**0.0272**	**J**	0.379	0.0228	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Vanadium	**12.3**	**F1**	0.541	0.0679	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5
Zinc	**52.1**		1.35	1.12	mg/Kg	☼	01/02/26 12:22	01/02/26 19:42	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.101	0.0147	mg/Kg	☼	01/02/26 16:24	01/02/26 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.06	0.106	mg/Kg	☼	12/29/25 10:06	12/30/25 17:54	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.03	0.329	mg/Kg	☼		01/02/26 12:34	1

Client Sample ID: 824-SED-4

Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-4

Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.115	0.0253	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Benzene	ND		0.00573	0.000866	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Bromobenzene	ND		0.00573	0.00108	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Bromoform	ND		0.00573	0.00243	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Bromomethane	ND		0.00573	0.00226	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
2-Butanone (MEK)	ND		0.0573	0.00637	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Carbon disulfide	ND		0.0115	0.00293	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Carbon tetrachloride	ND		0.00573	0.00108	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Chlorobenzene	ND		0.00573	0.000961	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Chlorobromomethane	ND		0.00573	0.00137	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Chlorodibromomethane	ND		0.00573	0.000911	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Chloroethane	ND		0.0115	0.00217	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Chloroform	ND		0.00573	0.00111	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Chloromethane	ND		0.0115	0.00170	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
2-Chlorotoluene	ND		0.00573	0.00124	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
4-Chlorotoluene	ND		0.00573	0.00125	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
cis-1,2-Dichloroethene	ND		0.00573	0.00137	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
cis-1,3-Dichloropropene	ND		0.00573	0.00134	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2-Dibromo-3-Chloropropane	ND		0.00573	0.00236	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Dibromomethane	ND		0.00573	0.00116	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2-Dichlorobenzene	ND		0.00573	0.00124	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,3-Dichlorobenzene	ND		0.00573	0.000912	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,4-Dichlorobenzene	ND		0.00573	0.00133	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Dichlorobromomethane	ND		0.00573	0.00107	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1-Dichloroethane	ND		0.00573	0.00104	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2-Dichloroethane	ND		0.00573	0.00139	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1-Dichloroethene	ND		0.00573	0.00136	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2-Dichloropropane	ND		0.00573	0.000785	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,3-Dichloropropane	ND		0.00573	0.00132	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
2,2-Dichloropropane	ND		0.00573	0.00133	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1-Dichloropropene	ND		0.00573	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Ethyl acetate	ND		0.0573	0.0573	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Ethylbenzene	ND		0.00573	0.00123	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Ethylene Dibromide	ND		0.00573	0.00100	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Hexachlorobutadiene	ND		0.00573	0.00183	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Hexane	ND		0.0115	0.0115	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
2-Hexanone	ND		0.0115	0.00844	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Iodomethane	ND		0.0115	0.00219	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Isopropylbenzene	ND		0.00573	0.00168	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Isopropyl ether	ND		0.0115	0.0115	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
4-Isopropyltoluene	ND		0.00573	0.00389	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Methylene Chloride	ND		0.0229	0.00644	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		0.0115	0.00373	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Methyl tert-butyl ether	ND		0.00573	0.00200	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
m-Xylene & p-Xylene	ND		0.0115	0.00249	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Naphthalene	ND		0.00573	0.00441	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
n-Butylbenzene	ND		0.00573	0.00202	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
n-Heptane	ND		0.0115	0.0115	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
N-Propylbenzene	ND		0.00573	0.00119	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1

Client Sample ID: 824-SED-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-4
Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00573	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
sec-Butylbenzene	ND		0.00573	0.00131	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Styrene	ND		0.00573	0.00291	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
tert-Butylbenzene	ND		0.00573	0.00136	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1,1,2-Tetrachloroethane	ND		0.00573	0.00113	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1,2,2-Tetrachloroethane	ND		0.00573	0.00149	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Tetrachloroethene	ND		0.00573	0.000932	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Toluene	ND		0.00573	0.00112	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
trans-1,4-Dichloro-2-butene	ND		0.0115	0.00577	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
trans-1,2-Dichloroethene	ND		0.00573	0.00139	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
trans-1,3-Dichloropropene	ND		0.00573	0.00118	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2,3-Trichlorobenzene	ND		0.00573	0.00299	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2,4-Trichlorobenzene	ND		0.00573	0.00230	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1,1-Trichloroethane	ND		0.00573	0.00165	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1,2-Trichloroethane	ND		0.00573	0.00103	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Trichloroethene	ND		0.00573	0.000795	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Trichlorofluoromethane	ND		0.00573	0.00217	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2,3-Trichloropropane	ND		0.00573	0.00154	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0115	0.00114	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,2,4-Trimethylbenzene	ND		0.00573	0.00134	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
1,3,5-Trimethylbenzene	ND		0.00573	0.00142	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Vinyl acetate	ND		0.0115	0.00380	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Vinyl chloride	ND		0.0115	0.00189	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1
Xylenes, Total	ND		0.00573	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/31/25 14:53*	*12/31/25 16:39*	*1*
Dibromofluoromethane	*98*		*80 - 119*	*12/31/25 14:53*	*12/31/25 16:39*	*1*
Toluene-d8 (Surr)	*96*		*71 - 129*	*12/31/25 14:53*	*12/31/25 16:39*	*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	**0.00481**		0.00259	0.00259	mg/Kg	☼	12/22/25 10:56	12/24/25 11:23	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*56*		*10 - 150*	*12/22/25 10:56*	*12/24/25 11:23*	*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		0.345	0.0100	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,4,5-Trichlorophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,4,6-Trichlorophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,4-Dichlorophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,4-Dimethylphenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,4-Dinitrophenol	ND	*+	1.03	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,4-Dinitrotoluene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2,6-Dinitrotoluene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2-Chloronaphthalene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2-Chlorophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2-Methylnaphthalene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2-Methylphenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1

Client Sample ID: 824-SED-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-4
Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
2-Nitrophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
3 & 4 Methylphenol	ND		0.689	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
3,3'-Dichlorobenzidine	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
3-Nitroaniline	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4,6-Dinitro-2-methylphenol	ND	*+	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4-Bromophenyl phenyl ether	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4-Chloro-3-methylphenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4-Chloroaniline	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4-Chlorophenyl phenyl ether	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4-Nitroaniline	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
4-Nitrophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Acenaphthene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Acenaphthylene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Acetophenone	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Anthracene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Atrazine	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Benzaldehyde	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Benzo[a]anthracene	**0.168**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Benzo[a]pyrene	**0.239**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Benzo[b]fluoranthene	**0.423**		0.345	0.00146	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Benzo[g,h,i]perylene	**0.192**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Benzo[k]fluoranthene	**0.147**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
bis (2-chloroisopropyl) ether	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Bis(2-chloroethoxy)methane	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Bis(2-chloroethyl)ether	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Bis(2-ethylhexyl) phthalate	ND		0.345	0.104	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Butyl benzyl phthalate	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Caprolactam	ND	*+	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Carbazole	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Chrysene	**0.342**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Dibenz(a,h)anthracene	**0.0386**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Dibenzofuran	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Diethyl phthalate	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Dimethyl phthalate	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Di-n-butyl phthalate	ND		1.03	0.313	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Di-n-octyl phthalate	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Fluoranthene	**0.865**		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Fluorene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Hexachlorobenzene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Hexachlorobutadiene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Hexachlorocyclopentadiene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Hexachloroethane	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Indeno[1,2,3-cd]pyrene	**0.195**	**J**	0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Isophorone	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Naphthalene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Nitrobenzene	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
N-Nitrosodi-n-propylamine	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
N-Nitrosodiphenylamine	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1

Client Sample ID: 824-SED-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-4
Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Phenanthrene	**0.412**		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Phenol	ND		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1
Pyrene	**0.651**		0.345	0.0345	mg/Kg	☼	12/22/25 08:45	12/27/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:22*	*1*
2-Fluorobiphenyl (Surr)	*99*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:22*	*1*
2-Fluorophenol (Surr)	*112*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:22*	*1*
Nitrobenzene-d5 (Surr)	*111*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:22*	*1*
Phenol-d5 (Surr)	*101*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:22*	*1*
Terphenyl-d14 (Surr)	*108*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:22*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.41**	**J**	2.80	0.813	mg/Kg	☼		12/27/25 12:50	1
Sulfate	ND		11.2	11.0	mg/Kg	☼		12/27/25 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.894	0.204	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Arsenic	**0.346**	**J**	0.537	0.0479	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Barium	**12.7**	**B**	2.24	0.0127	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Beryllium	**0.0616**	**J**	0.447	0.0313	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Cadmium	**0.0589**	**J**	0.447	0.0146	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Chromium	**5.96**		0.894	0.184	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Cobalt	**3.24**		0.671	0.0253	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Copper	**7.10**	**B**	0.447	0.0465	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Lead	**8.57**		0.447	0.0528	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Manganese	**69.7**		0.894	0.0550	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Nickel	**9.96**	**B**	0.894	0.0234	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Selenium	ND		2.24	0.159	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Silver	**0.00920**	**J B**	0.224	0.00259	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Thallium	**0.0566**	**J B**	0.626	0.0377	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Vanadium	**7.53**		0.894	0.112	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5
Zinc	**35.4**		2.24	1.86	mg/Kg	☼	12/22/25 09:27	12/22/25 15:39	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.103	0.0151	mg/Kg	☼	12/30/25 10:30	12/30/25 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.09	0.109	mg/Kg	☼	12/29/25 10:06	12/30/25 18:07	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.13	0.360	mg/Kg	☼		01/02/26 12:37	1

Client Sample ID: 824-SED-5

Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5

Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.129	0.0285	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Benzene	ND		0.00644	0.000974	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Bromobenzene	ND		0.00644	0.00122	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Bromoform	ND		0.00644	0.00273	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Bromomethane	ND		0.00644	0.00254	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
2-Butanone (MEK)	ND		0.0644	0.00717	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Carbon disulfide	ND		0.0129	0.00330	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Carbon tetrachloride	ND		0.00644	0.00122	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Chlorobenzene	ND		0.00644	0.00108	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Chlorobromomethane	ND		0.00644	0.00155	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Chlorodibromomethane	ND		0.00644	0.00102	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Chloroethane	ND		0.0129	0.00244	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Chloroform	ND		0.00644	0.00125	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Chloromethane	ND		0.0129	0.00191	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
2-Chlorotoluene	ND		0.00644	0.00139	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
4-Chlorotoluene	ND		0.00644	0.00140	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
cis-1,2-Dichloroethene	ND		0.00644	0.00155	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
cis-1,3-Dichloropropene	ND		0.00644	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2-Dibromo-3-Chloropropane	ND		0.00644	0.00265	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Dibromomethane	ND		0.00644	0.00130	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2-Dichlorobenzene	ND		0.00644	0.00139	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,3-Dichlorobenzene	ND		0.00644	0.00103	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,4-Dichlorobenzene	ND		0.00644	0.00149	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Dichlorobromomethane	ND		0.00644	0.00121	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1-Dichloroethane	ND		0.00644	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2-Dichloroethane	ND		0.00644	0.00156	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1-Dichloroethene	ND		0.00644	0.00153	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2-Dichloropropane	ND		0.00644	0.000883	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,3-Dichloropropane	ND		0.00644	0.00148	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
2,2-Dichloropropane	ND		0.00644	0.00149	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1-Dichloropropene	ND		0.00644	0.00131	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Ethyl acetate	ND		0.0644	0.0644	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Ethylbenzene	ND		0.00644	0.00138	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Ethylene Dibromide	ND		0.00644	0.00113	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Hexachlorobutadiene	ND		0.00644	0.00206	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Hexane	ND		0.0129	0.0129	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
2-Hexanone	ND		0.0129	0.00950	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Iodomethane	ND		0.0129	0.00246	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Isopropylbenzene	ND		0.00644	0.00189	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Isopropyl ether	ND		0.0129	0.0129	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
4-Isopropyltoluene	ND		0.00644	0.00438	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Methylene Chloride	ND		0.0258	0.00724	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.0129	0.00420	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Methyl tert-butyl ether	ND		0.00644	0.00226	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
m-Xylene & p-Xylene	ND		0.0129	0.00280	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Naphthalene	ND		0.00644	0.00496	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
n-Butylbenzene	ND		0.00644	0.00227	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
n-Heptane	ND		0.0129	0.0129	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
N-Propylbenzene	ND		0.00644	0.00134	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1

Client Sample ID: 824-SED-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5
Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00644	0.00170	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
sec-Butylbenzene	ND		0.00644	0.00147	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Styrene	ND		0.00644	0.00327	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
tert-Butylbenzene	ND		0.00644	0.00153	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1,1,2-Tetrachloroethane	ND		0.00644	0.00127	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1,2,2-Tetrachloroethane	ND		0.00644	0.00168	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Tetrachloroethene	ND		0.00644	0.00105	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Toluene	ND		0.00644	0.00127	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
trans-1,4-Dichloro-2-butene	ND		0.0129	0.00650	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
trans-1,2-Dichloroethene	ND		0.00644	0.00156	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
trans-1,3-Dichloropropene	ND		0.00644	0.00133	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2,3-Trichlorobenzene	ND		0.00644	0.00336	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2,4-Trichlorobenzene	ND		0.00644	0.00259	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1,1-Trichloroethane	ND		0.00644	0.00186	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1,2-Trichloroethane	ND		0.00644	0.00116	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Trichloroethene	ND		0.00644	0.000894	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Trichlorofluoromethane	ND		0.00644	0.00244	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2,3-Trichloropropane	ND		0.00644	0.00173	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0129	0.00128	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,2,4-Trimethylbenzene	ND		0.00644	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
1,3,5-Trimethylbenzene	ND		0.00644	0.00160	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Vinyl acetate	ND		0.0129	0.00428	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Vinyl chloride	ND		0.0129	0.00213	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1
Xylenes, Total	ND		0.00644	0.00170	mg/Kg	☼	12/31/25 14:53	12/31/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 127*	*12/31/25 14:53*	*12/31/25 17:03*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/31/25 14:53*	*12/31/25 17:03*	*1*
Toluene-d8 (Surr)	*98*		*71 - 129*	*12/31/25 14:53*	*12/31/25 17:03*	*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	**0.00622**		0.00271	0.00271	mg/Kg	☼	12/22/25 10:56	12/24/25 11:44	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*10 - 150*	*12/22/25 10:56*	*12/24/25 11:44*	*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		0.365	0.0106	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,4,5-Trichlorophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,4,6-Trichlorophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,4-Dichlorophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,4-Dimethylphenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,4-Dinitrophenol	ND	*+	1.10	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,4-Dinitrotoluene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2,6-Dinitrotoluene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2-Chloronaphthalene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2-Chlorophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2-Methylnaphthalene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2-Methylphenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1

Client Sample ID: 824-SED-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5
Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
2-Nitrophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
3 & 4 Methylphenol	ND		0.730	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
3,3'-Dichlorobenzidine	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
3-Nitroaniline	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4,6-Dinitro-2-methylphenol	ND	*+	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4-Bromophenyl phenyl ether	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4-Chloro-3-methylphenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4-Chloroaniline	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4-Chlorophenyl phenyl ether	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4-Nitroaniline	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
4-Nitrophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Acenaphthene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Acenaphthylene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Acetophenone	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Anthracene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Atrazine	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Benzaldehyde	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Benzo[a]anthracene	**0.0810**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Benzo[a]pyrene	**0.127**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Benzo[b]fluoranthene	**0.219**	**J**	0.365	0.00155	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Benzo[g,h,i]perylene	**0.108**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Benzo[k]fluoranthene	**0.0715**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
bis (2-chloroisopropyl) ether	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Bis(2-chloroethoxy)methane	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Bis(2-chloroethyl)ether	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Bis(2-ethylhexyl) phthalate	ND		0.365	0.111	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Butyl benzyl phthalate	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Caprolactam	**0.0817**	**J *+**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Carbazole	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Chrysene	**0.141**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Dibenz(a,h)anthracene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Dibenzofuran	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Diethyl phthalate	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Dimethyl phthalate	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Di-n-butyl phthalate	ND		1.10	0.332	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Di-n-octyl phthalate	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Fluoranthene	**0.215**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Fluorene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Hexachlorobenzene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Hexachlorobutadiene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Hexachlorocyclopentadiene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Hexachloroethane	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Indeno[1,2,3-cd]pyrene	**0.111**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Isophorone	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Naphthalene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Nitrobenzene	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
N-Nitrosodi-n-propylamine	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
N-Nitrosodiphenylamine	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1

Client Sample ID: 824-SED-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5
Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Phenanthrene	**0.0652**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Phenol	ND		0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1
Pyrene	**0.187**	**J**	0.365	0.0365	mg/Kg	☼	12/22/25 08:45	12/27/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:53*	*1*
2-Fluorobiphenyl (Surr)	*100*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:53*	*1*
2-Fluorophenol (Surr)	*96*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:53*	*1*
Nitrobenzene-d5 (Surr)	*110*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:53*	*1*
Phenol-d5 (Surr)	*96*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:53*	*1*
Terphenyl-d14 (Surr)	*112*		*40 - 140*	*12/22/25 08:45*	*12/27/25 00:53*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.31**	**J**	2.87	0.833	mg/Kg	☼		12/27/25 13:01	1
Sulfate	ND		11.5	11.3	mg/Kg	☼		12/27/25 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.810	0.185	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Arsenic	**0.590**		0.486	0.0434	mg/Kg	☼	12/22/25 09:27	01/03/26 15:24	5
Barium	**16.0**	**B**	2.03	0.0115	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Beryllium	**0.227**	**J**	0.405	0.0284	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Cadmium	**0.0965**	**J**	0.405	0.0132	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Chromium	**5.99**		0.810	0.167	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Cobalt	**3.10**		0.608	0.0229	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Copper	**9.19**	**B**	0.405	0.0421	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Lead	**19.8**		0.405	0.0478	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Manganese	**69.6**		0.810	0.0498	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Nickel	**9.32**	**B**	0.810	0.0212	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Selenium	ND		2.03	0.144	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Silver	**0.0157**	**J B**	0.203	0.00235	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Thallium	ND		0.567	0.0342	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Vanadium	**9.30**		0.810	0.102	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5
Zinc	**49.6**		2.03	1.68	mg/Kg	☼	12/22/25 09:27	12/22/25 15:42	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.109	0.0159	mg/Kg	☼	12/30/25 10:30	12/30/25 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.10	0.110	mg/Kg	☼	12/29/25 10:06	12/30/25 18:45	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.13	0.360	mg/Kg	☼		01/02/26 12:39	1

Client Sample ID: 824-SED-6

Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-6

Matrix: Solid
Percent Solids: 54.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0912**	**J**	0.203	0.0449	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Benzene	ND		0.0101	0.00153	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Bromobenzene	ND	*3	0.0101	0.00191	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Bromoform	ND		0.0101	0.00430	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Bromomethane	ND		0.0101	0.00400	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
2-Butanone (MEK)	ND		0.101	0.0113	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Carbon disulfide	ND		0.0203	0.00520	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Carbon tetrachloride	ND		0.0101	0.00192	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Chlorobenzene	ND		0.0101	0.00170	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Chlorobromomethane	ND		0.0101	0.00244	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Chlorodibromomethane	ND		0.0101	0.00161	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Chloroethane	ND		0.0203	0.00384	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Chloroform	ND		0.0101	0.00197	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Chloromethane	ND		0.0203	0.00300	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
2-Chlorotoluene	ND	*3	0.0101	0.00219	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
4-Chlorotoluene	ND	*3	0.0101	0.00221	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
cis-1,2-Dichloroethene	ND		0.0101	0.00244	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
cis-1,3-Dichloropropene	ND		0.0101	0.00237	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.0101	0.00418	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Dibromomethane	ND		0.0101	0.00205	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2-Dichlorobenzene	ND	*3	0.0101	0.00219	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,3-Dichlorobenzene	ND	*3	0.0101	0.00162	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,4-Dichlorobenzene	ND	*3	0.0101	0.00235	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Dichlorobromomethane	ND		0.0101	0.00190	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1-Dichloroethane	ND		0.0101	0.00184	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2-Dichloroethane	ND		0.0101	0.00246	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1-Dichloroethene	ND		0.0101	0.00242	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2-Dichloropropane	ND		0.0101	0.00139	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,3-Dichloropropane	ND		0.0101	0.00233	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
2,2-Dichloropropane	ND		0.0101	0.00235	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1-Dichloropropene	ND		0.0101	0.00207	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Ethyl acetate	ND		0.101	0.101	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Ethylbenzene	ND		0.0101	0.00217	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Ethylene Dibromide	ND		0.0101	0.00177	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Hexachlorobutadiene	ND	*3	0.0101	0.00325	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Hexane	ND		0.0203	0.0203	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
2-Hexanone	ND		0.0203	0.0150	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Iodomethane	ND		0.0203	0.00388	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Isopropylbenzene	ND	*3	0.0101	0.00298	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Isopropyl ether	ND		0.0203	0.0203	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
4-Isopropyltoluene	ND	*3	0.0101	0.00690	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Methylene Chloride	ND		0.0406	0.0114	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		0.0203	0.00662	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Methyl tert-butyl ether	ND		0.0101	0.00355	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
m-Xylene & p-Xylene	ND		0.0203	0.00440	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Naphthalene	ND	*3	0.0101	0.00781	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
n-Butylbenzene	ND	*3	0.0101	0.00357	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
n-Heptane	ND		0.0203	0.0203	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
N-Propylbenzene	ND	*3	0.0101	0.00211	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1

Client Sample ID: 824-SED-6

Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-6

Matrix: Solid
Percent Solids: 54.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0101	0.00268	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
sec-Butylbenzene	ND	*3	0.0101	0.00231	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Styrene	ND		0.0101	0.00516	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
tert-Butylbenzene	ND	*3	0.0101	0.00242	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1,1,2-Tetrachloroethane	ND		0.0101	0.00201	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1,2,2-Tetrachloroethane	ND	*3	0.0101	0.00264	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Tetrachloroethene	ND		0.0101	0.00165	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Toluene	ND		0.0101	0.00199	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0203	0.0102	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
trans-1,2-Dichloroethene	ND		0.0101	0.00246	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
trans-1,3-Dichloropropene	ND		0.0101	0.00209	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2,3-Trichlorobenzene	ND	*3	0.0101	0.00530	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2,4-Trichlorobenzene	ND	*3	0.0101	0.00408	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1,1-Trichloroethane	ND		0.0101	0.00292	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1,2-Trichloroethane	ND		0.0101	0.00183	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Trichloroethene	ND		0.0101	0.00141	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Trichlorofluoromethane	ND		0.0101	0.00384	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2,3-Trichloropropane	ND	*3	0.0101	0.00272	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0203	0.00202	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,2,4-Trimethylbenzene	ND	*3	0.0101	0.00237	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
1,3,5-Trimethylbenzene	ND	*3	0.0101	0.00252	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Vinyl acetate	ND		0.0203	0.00674	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Vinyl chloride	ND		0.0203	0.00335	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1
Xylenes, Total	ND		0.0101	0.00268	mg/Kg	☼	12/31/25 14:53	12/31/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*77*		*67 - 127*	*12/31/25 14:53*	*12/31/25 17:27*	*1*
Dibromofluoromethane	*107*		*80 - 119*	*12/31/25 14:53*	*12/31/25 17:27*	*1*
Toluene-d8 (Surr)	*85*		*71 - 129*	*12/31/25 14:53*	*12/31/25 17:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00862**		0.00426	0.00426	mg/Kg	☼	12/22/25 10:56	12/24/25 12:05	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*10 - 150*	*12/22/25 10:56*	*12/24/25 12:05*	*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		0.586	0.0170	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,4,5-Trichlorophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,4,6-Trichlorophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,4-Dichlorophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,4-Dimethylphenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,4-Dinitrophenol	ND	*+	1.76	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,4-Dinitrotoluene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2,6-Dinitrotoluene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2-Chloronaphthalene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2-Chlorophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2-Methylnaphthalene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2-Methylphenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-6
Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-6
Matrix: Solid
Percent Solids: 54.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
2-Nitrophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
3 & 4 Methylphenol	ND		1.17	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
3,3'-Dichlorobenzidine	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
3-Nitroaniline	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4,6-Dinitro-2-methylphenol	ND	*+	0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4-Bromophenyl phenyl ether	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4-Chloro-3-methylphenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4-Chloroaniline	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4-Chlorophenyl phenyl ether	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4-Nitroaniline	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
4-Nitrophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Acenaphthene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Acenaphthylene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Acetophenone	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Anthracene	**0.0897**	**J**	0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Atrazine	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Benzaldehyde	**0.0888**	**J**	0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Benzo[a]anthracene	**0.885**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Benzo[a]pyrene	**1.04**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Benzo[b]fluoranthene	**1.91**		0.586	0.00248	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Benzo[g,h,i]perylene	**0.852**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Benzo[k]fluoranthene	**0.651**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
bis (2-chloroisopropyl) ether	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Bis(2-chloroethoxy)methane	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Bis(2-chloroethyl)ether	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Bis(2-ethylhexyl) phthalate	ND		0.586	0.177	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Butyl benzyl phthalate	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Caprolactam	ND	*+	0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Carbazole	**0.142**	**J**	0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Chrysene	**1.44**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Dibenz(a,h)anthracene	**0.187**	**J**	0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Dibenzofuran	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Diethyl phthalate	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Dimethyl phthalate	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Di-n-butyl phthalate	ND		1.76	0.532	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Di-n-octyl phthalate	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Fluoranthene	**2.44**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Fluorene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Hexachlorobenzene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Hexachlorobutadiene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Hexachlorocyclopentadiene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Hexachloroethane	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Indeno[1,2,3-cd]pyrene	**0.878**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Isophorone	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Naphthalene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Nitrobenzene	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
N-Nitrosodi-n-propylamine	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
N-Nitrosodiphenylamine	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1

Client Sample ID: 824-SED-6

Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-6

Matrix: Solid
Percent Solids: 54.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Phenanthrene	**0.699**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Phenol	ND		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1
Pyrene	**2.17**		0.586	0.0586	mg/Kg	☼	12/22/25 08:45	12/27/25 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*40 - 140*	*12/22/25 08:45*	*12/27/25 01:23*	*1*
2-Fluorobiphenyl (Surr)	*90*		*40 - 140*	*12/22/25 08:45*	*12/27/25 01:23*	*1*
2-Fluorophenol (Surr)	*78*		*40 - 140*	*12/22/25 08:45*	*12/27/25 01:23*	*1*
Nitrobenzene-d5 (Surr)	*100*		*40 - 140*	*12/22/25 08:45*	*12/27/25 01:23*	*1*
Phenol-d5 (Surr)	*91*		*40 - 140*	*12/22/25 08:45*	*12/27/25 01:23*	*1*
Terphenyl-d14 (Surr)	*97*		*40 - 140*	*12/22/25 08:45*	*12/27/25 01:23*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.78**	**J**	4.56	1.32	mg/Kg	☼		12/27/25 13:13	1
Sulfate	**22.8**		18.2	17.9	mg/Kg	☼		12/27/25 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.511**	**J**	1.36	0.311	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Arsenic	**1.34**		0.818	0.0729	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Barium	**46.5**	**B**	3.41	0.0193	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Beryllium	**0.184**	**J**	0.682	0.0478	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Cadmium	**0.275**	**J**	0.682	0.0222	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Chromium	**10.1**		1.36	0.281	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Cobalt	**6.28**		1.02	0.0386	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Copper	**47.7**	**B**	0.682	0.0709	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Lead	**65.7**		0.682	0.0804	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Manganese	**194**		1.36	0.0838	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Nickel	**20.3**	**B**	1.36	0.0356	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Selenium	**0.254**	**J**	3.41	0.242	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Silver	**0.0978**	**J B**	0.341	0.00395	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Thallium	ND		0.954	0.0575	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Vanadium	**16.2**		1.36	0.171	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5
Zinc	**165**		3.41	2.83	mg/Kg	☼	12/22/25 09:27	12/22/25 15:45	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0718**	**J**	0.172	0.0251	mg/Kg	☼	12/30/25 10:30	12/30/25 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.67	0.167	mg/Kg	☼	12/29/25 10:06	12/30/25 18:58	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.78	0.569	mg/Kg	☼		01/02/26 12:42	1

Client Sample ID: 824-SED-7

Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-7

Matrix: Solid
Percent Solids: 73.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0563**	**J**	0.148	0.0326	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Benzene	ND		0.00738	0.00112	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Bromobenzene	ND		0.00738	0.00139	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Bromoform	ND		0.00738	0.00313	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Bromomethane	ND		0.00738	0.00291	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
2-Butanone (MEK)	ND		0.0738	0.00820	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Carbon disulfide	ND		0.0148	0.00378	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Carbon tetrachloride	ND		0.00738	0.00140	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Chlorobenzene	ND		0.00738	0.00124	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Chlorobromomethane	ND		0.00738	0.00177	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Chlorodibromomethane	ND		0.00738	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Chloroethane	ND		0.0148	0.00279	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Chloroform	ND		0.00738	0.00143	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Chloromethane	ND		0.0148	0.00218	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
2-Chlorotoluene	ND		0.00738	0.00159	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
4-Chlorotoluene	ND		0.00738	0.00161	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
cis-1,2-Dichloroethene	ND		0.00738	0.00177	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
cis-1,3-Dichloropropene	ND		0.00738	0.00173	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2-Dibromo-3-Chloropropane	ND		0.00738	0.00304	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Dibromomethane	ND		0.00738	0.00149	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2-Dichlorobenzene	ND		0.00738	0.00159	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,3-Dichlorobenzene	ND		0.00738	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,4-Dichlorobenzene	ND		0.00738	0.00171	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Dichlorobromomethane	ND		0.00738	0.00138	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1-Dichloroethane	ND		0.00738	0.00134	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2-Dichloroethane	ND		0.00738	0.00179	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1-Dichloroethene	ND		0.00738	0.00176	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2-Dichloropropane	ND		0.00738	0.00101	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,3-Dichloropropane	ND		0.00738	0.00170	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
2,2-Dichloropropane	ND		0.00738	0.00171	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1-Dichloropropene	ND		0.00738	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Ethyl acetate	ND		0.0738	0.0738	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Ethylbenzene	ND		0.00738	0.00158	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Ethylene Dibromide	ND		0.00738	0.00129	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Hexachlorobutadiene	ND		0.00738	0.00236	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Hexane	ND		0.0148	0.0148	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
2-Hexanone	ND		0.0148	0.0109	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Iodomethane	ND		0.0148	0.00282	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Isopropylbenzene	ND		0.00738	0.00217	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Isopropyl ether	ND		0.0148	0.0148	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
4-Isopropyltoluene	ND		0.00738	0.00502	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Methylene Chloride	ND		0.0295	0.00829	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		0.0148	0.00481	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Methyl tert-butyl ether	ND		0.00738	0.00258	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
m-Xylene & p-Xylene	ND		0.0148	0.00320	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Naphthalene	ND	*3	0.00689	0.00530	mg/Kg	☼	01/02/26 16:22	01/02/26 16:41	1
n-Butylbenzene	ND		0.00738	0.00260	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
n-Heptane	ND		0.0148	0.0148	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
N-Propylbenzene	ND		0.00738	0.00153	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1

Client Sample ID: 824-SED-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-7
Matrix: Solid
Percent Solids: 73.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00738	0.00195	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
sec-Butylbenzene	ND		0.00738	0.00168	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Styrene	ND		0.00738	0.00375	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
tert-Butylbenzene	ND		0.00738	0.00176	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1,1,2-Tetrachloroethane	ND		0.00738	0.00146	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1,2,2-Tetrachloroethane	ND		0.00738	0.00192	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Tetrachloroethene	ND		0.00738	0.00120	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Toluene	ND		0.00738	0.00145	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
trans-1,4-Dichloro-2-butene	ND		0.0148	0.00744	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
trans-1,2-Dichloroethene	ND		0.00738	0.00179	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
trans-1,3-Dichloropropene	ND		0.00738	0.00152	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2,3-Trichlorobenzene	ND		0.00738	0.00385	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2,4-Trichlorobenzene	ND		0.00738	0.00297	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1,1-Trichloroethane	ND		0.00738	0.00212	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1,2-Trichloroethane	ND		0.00738	0.00133	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Trichloroethene	ND		0.00738	0.00102	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Trichlorofluoromethane	ND		0.00738	0.00279	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2,3-Trichloropropane	ND		0.00738	0.00198	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0148	0.00147	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
1,2,4-Trimethylbenzene	ND	*3	0.00689	0.00161	mg/Kg	☼	01/02/26 16:22	01/02/26 16:41	1
1,3,5-Trimethylbenzene	ND		0.00738	0.00183	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Vinyl acetate	ND		0.0148	0.00490	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Vinyl chloride	ND		0.0148	0.00243	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1
Xylenes, Total	ND		0.00738	0.00195	mg/Kg	☼	12/31/25 14:53	12/31/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 127*	*12/31/25 14:53*	*12/31/25 18:15*	*1*
4-Bromofluorobenzene	*73*		*67 - 127*	*01/02/26 16:22*	*01/02/26 16:41*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*12/31/25 14:53*	*12/31/25 18:15*	*1*
Dibromofluoromethane	*102*		*80 - 119*	*01/02/26 16:22*	*01/02/26 16:41*	*1*
Toluene-d8 (Surr)	*95*		*71 - 129*	*12/31/25 14:53*	*12/31/25 18:15*	*1*
Toluene-d8 (Surr)	*95*		*71 - 129*	*01/02/26 16:22*	*01/02/26 16:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00576**		0.00316	0.00316	mg/Kg	☼	12/22/25 10:56	12/24/25 12:26	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*56*		*10 - 150*	*12/22/25 10:56*	*12/24/25 12:26*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2,4,6-Trichlorophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2,4-Dichlorophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2,4-Dimethylphenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2,4-Dinitrophenol	ND	*+	1.25	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2,4-Dinitrotoluene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2,6-Dinitrotoluene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2-Chloronaphthalene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2-Chlorophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1

Client Sample ID: 824-SED-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-7
Matrix: Solid
Percent Solids: 73.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2-Nitroaniline	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
2-Nitrophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
3 & 4 Methylphenol	**0.220**	**J**	0.831	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
3,3'-Dichlorobenzidine	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
3-Nitroaniline	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4,6-Dinitro-2-methylphenol	ND	*+	0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4-Bromophenyl phenyl ether	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4-Chloro-3-methylphenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4-Chloroaniline	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4-Chlorophenyl phenyl ether	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4-Nitroaniline	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
4-Nitrophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Acenaphthylene	**0.679**		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Acetophenone	**0.0744**	**J**	0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Atrazine	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Benzaldehyde	**0.232**	**J**	0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Benzo[a]anthracene	**NR**		0.416	0.0416	ug/L	☼	12/22/25 08:45	12/27/25 01:53	1
bis (2-chloroisopropyl) ether	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Bis(2-chloroethoxy)methane	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Bis(2-chloroethyl)ether	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Bis(2-ethylhexyl) phthalate	**NR**		0.416	0.126	ug/L	☼	12/22/25 08:45	12/27/25 01:53	1
Butyl benzyl phthalate	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Caprolactam	ND	*+	0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Chrysene	**NR**		0.416	0.0416	ug/L	☼	12/22/25 08:45	12/27/25 01:53	1
Diethyl phthalate	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Dimethyl phthalate	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Di-n-butyl phthalate	ND		1.25	0.378	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Di-n-octyl phthalate	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Hexachlorobenzene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Hexachlorobutadiene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Hexachlorocyclopentadiene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Hexachloroethane	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Isophorone	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Nitrobenzene	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
N-Nitrosodi-n-propylamine	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
N-Nitrosodiphenylamine	**0.370**	**J**	0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Pentachlorophenol	ND		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1
Phenol	**0.729**		0.416	0.0416	mg/Kg	☼	12/22/25 08:45	12/27/25 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**4.55**	**J**	8.31	0.242	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
2-Methylnaphthalene	**21.2**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Acenaphthene	**37.5**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Anthracene	**69.1**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Benzo[g,h,i]perylene	**62.0**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Benzo[k]fluoranthene	**61.3**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Carbazole	**53.0**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Dibenz(a,h)anthracene	**17.3**		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20

Client Sample ID: 824-SED-7

Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-7

Matrix: Solid
Percent Solids: 73.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	36.7		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Fluorene	38.8		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Indeno[1,2,3-cd]pyrene	68.4		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20
Naphthalene	52.8		8.31	0.831	mg/Kg	☼	12/22/25 08:45	12/30/25 02:17	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*34*	*S1-*	*40 - 140*	*12/22/25 08:45*	*12/30/25 02:17*	*20*
2-Fluorobiphenyl (Surr)	*87*		*40 - 140*	*12/22/25 08:45*	*12/30/25 02:17*	*20*
2-Fluorophenol (Surr)	*72*		*40 - 140*	*12/22/25 08:45*	*12/30/25 02:17*	*20*
Nitrobenzene-d5 (Surr)	*78*		*40 - 140*	*12/22/25 08:45*	*12/30/25 02:17*	*20*
Phenol-d5 (Surr)	*76*		*40 - 140*	*12/22/25 08:45*	*12/30/25 02:17*	*20*
Terphenyl-d14 (Surr)	*83*		*40 - 140*	*12/22/25 08:45*	*12/30/25 02:17*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	102		41.6	4.16	mg/Kg	☼	12/22/25 08:45	12/30/25 02:47	100
Benzo[b]fluoranthene	147		41.6	0.176	mg/Kg	☼	12/22/25 08:45	12/30/25 02:47	100
Fluoranthene	313		41.6	4.16	mg/Kg	☼	12/22/25 08:45	12/30/25 02:47	100
Phenanthrene	325		41.6	4.16	mg/Kg	☼	12/22/25 08:45	12/30/25 02:47	100
Pyrene	234		41.6	4.16	mg/Kg	☼	12/22/25 08:45	12/30/25 02:47	100

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.83	J	3.36	0.975	mg/Kg	☼		12/27/25 13:38	1
Sulfate	15.5		13.4	13.2	mg/Kg	☼		12/27/25 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.535	J	0.794	0.182	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Arsenic	1.85		0.477	0.0425	mg/Kg	☼	12/30/25 09:01	12/31/25 18:31	5
Barium	77.0		1.99	0.0112	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Beryllium	0.329	J	0.397	0.0278	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Cadmium	0.548		0.397	0.0129	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Chromium	10.3		0.794	0.164	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Cobalt	4.57		0.596	0.0225	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Copper	33.0		0.397	0.0413	mg/Kg	☼	12/30/25 09:01	12/31/25 18:31	5
Lead	61.6		0.397	0.0469	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Manganese	229		0.794	0.0489	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Nickel	11.2	B	0.794	0.0208	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Selenium	0.383	J	1.99	0.141	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Silver	0.119	J B	0.199	0.00230	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Thallium	0.0544	J	0.556	0.0335	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Vanadium	15.0		0.794	0.0997	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5
Zinc	187		1.99	1.65	mg/Kg	☼	12/30/25 09:01	12/30/25 17:08	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0423	J	0.135	0.0197	mg/Kg	☼	12/30/25 10:30	12/30/25 14:43	1

Client Sample ID: 824-SED-7

Lab Sample ID: 752-40519-7
Date Collected: 12/19/25 09:15
Matrix: Solid
Date Received: 12/19/25 14:20
Percent Solids: 73.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.292	J	1.31	0.131	mg/Kg	☼	12/29/25 10:06	12/30/25 19:10	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	☼		01/02/26 12:45	1

Client Sample ID: 824-SED-8

Lab Sample ID: 752-40519-8
Date Collected: 12/19/25 09:00
Matrix: Solid
Date Received: 12/19/25 14:20
Percent Solids: 66.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0582	J	0.156	0.0344	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Benzene	ND		0.00778	0.00118	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Bromobenzene	ND	*3	0.00778	0.00147	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Bromoform	ND		0.00778	0.00330	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Bromomethane	ND		0.00778	0.00306	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
2-Butanone (MEK)	ND		0.0778	0.00865	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Carbon disulfide	ND		0.0156	0.00398	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Carbon tetrachloride	ND		0.00778	0.00147	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Chlorobenzene	ND		0.00778	0.00131	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Chlorobromomethane	ND		0.00778	0.00187	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Chlorodibromomethane	ND		0.00778	0.00124	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Chloroethane	ND		0.0156	0.00294	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Chloroform	ND		0.00778	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Chloromethane	ND		0.0156	0.00230	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
2-Chlorotoluene	ND	*3	0.00778	0.00168	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
4-Chlorotoluene	ND	*3	0.00778	0.00170	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
cis-1,2-Dichloroethene	ND		0.00778	0.00187	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
cis-1,3-Dichloropropene	ND		0.00778	0.00182	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.00778	0.00320	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Dibromomethane	ND		0.00778	0.00157	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2-Dichlorobenzene	ND	*3	0.00778	0.00168	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,3-Dichlorobenzene	ND	*3	0.00778	0.00124	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,4-Dichlorobenzene	ND	*3	0.00778	0.00180	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Dichlorobromomethane	ND		0.00778	0.00146	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1-Dichloroethane	ND		0.00778	0.00141	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2-Dichloroethane	ND		0.00778	0.00188	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1-Dichloroethene	ND		0.00778	0.00185	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2-Dichloropropane	ND		0.00778	0.00107	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,3-Dichloropropane	ND		0.00778	0.00179	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
2,2-Dichloropropane	ND		0.00778	0.00180	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1-Dichloropropene	ND		0.00778	0.00159	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Ethyl acetate	ND		0.0778	0.0778	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Ethylbenzene	ND		0.00778	0.00166	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Ethylene Dibromide	ND		0.00778	0.00136	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Hexachlorobutadiene	ND	*3	0.00778	0.00249	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Hexane	ND		0.0156	0.0156	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
2-Hexanone	ND		0.0156	0.0115	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Iodomethane	ND		0.0156	0.00297	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1

Client Sample ID: 824-SED-8

Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-8

Matrix: Solid
Percent Solids: 66.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND	*3	0.00778	0.00229	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Isopropyl ether	ND		0.0156	0.0156	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
4-Isopropyltoluene	ND	*3	0.00778	0.00529	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Methylene Chloride	ND		0.0311	0.00874	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		0.0156	0.00507	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Methyl tert-butyl ether	ND		0.00778	0.00272	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
m-Xylene & p-Xylene	ND		0.0156	0.00338	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Naphthalene	ND	*3	0.00813	0.00626	mg/Kg	☼	12/31/25 14:53	01/02/26 15:54	1
n-Butylbenzene	ND	*3	0.00778	0.00274	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
n-Heptane	ND		0.0156	0.0156	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
N-Propylbenzene	ND	*3	0.00778	0.00162	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
o-Xylene	ND		0.00778	0.00205	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
sec-Butylbenzene	ND	*3	0.00778	0.00177	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Styrene	ND		0.00778	0.00395	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
tert-Butylbenzene	ND	*3	0.00778	0.00185	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1,1,2-Tetrachloroethane	ND		0.00778	0.00154	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00778	0.00202	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Tetrachloroethene	ND		0.00778	0.00127	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Toluene	ND		0.00778	0.00153	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0156	0.00784	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
trans-1,2-Dichloroethene	ND		0.00778	0.00188	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
trans-1,3-Dichloropropene	ND		0.00778	0.00160	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2,3-Trichlorobenzene	ND	*3	0.00778	0.00406	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2,4-Trichlorobenzene	ND	*3	0.00778	0.00313	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1,1-Trichloroethane	ND		0.00778	0.00224	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1,2-Trichloroethane	ND		0.00778	0.00140	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Trichloroethene	ND		0.00778	0.00108	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Trichlorofluoromethane	ND		0.00778	0.00294	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2,3-Trichloropropane	ND	*3	0.00778	0.00208	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0156	0.00154	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,2,4-Trimethylbenzene	ND	*3	0.00778	0.00182	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
1,3,5-Trimethylbenzene	ND	*3	0.00778	0.00193	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Vinyl acetate	ND		0.0156	0.00517	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Vinyl chloride	ND		0.0156	0.00257	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1
Xylenes, Total	ND		0.00778	0.00205	mg/Kg	☼	12/31/25 14:53	12/31/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*79*		*67 - 127*	*12/31/25 14:53*	*12/31/25 18:39*	*1*
4-Bromofluorobenzene	*79*		*67 - 127*	*12/31/25 14:53*	*01/02/26 15:54*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/31/25 14:53*	*12/31/25 18:39*	*1*
Dibromofluoromethane	*109*		*80 - 119*	*12/31/25 14:53*	*01/02/26 15:54*	*1*
Toluene-d8 (Surr)	*91*		*71 - 129*	*12/31/25 14:53*	*12/31/25 18:39*	*1*
Toluene-d8 (Surr)	*95*		*71 - 129*	*12/31/25 14:53*	*01/02/26 15:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00512**		0.00344	0.00344	mg/Kg	☼	12/22/25 10:56	12/24/25 12:47	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*50*		*10 - 150*	*12/22/25 10:56*	*12/24/25 12:47*	*2*

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-8
Matrix: Solid
Percent Solids: 66.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.464	0.0135	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,4,5-Trichlorophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,4,6-Trichlorophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,4-Dichlorophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,4-Dimethylphenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,4-Dinitrophenol	ND	*+	1.39	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,4-Dinitrotoluene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2,6-Dinitrotoluene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2-Chloronaphthalene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2-Chlorophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2-Methylnaphthalene	**0.0499**	**J**	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2-Methylphenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2-Nitroaniline	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
2-Nitrophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
3 & 4 Methylphenol	ND		0.929	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
3,3'-Dichlorobenzidine	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
3-Nitroaniline	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4,6-Dinitro-2-methylphenol	ND	*+	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4-Bromophenyl phenyl ether	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4-Chloro-3-methylphenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4-Chloroaniline	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4-Chlorophenyl phenyl ether	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4-Nitroaniline	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
4-Nitrophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Acenaphthene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Acenaphthylene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Acetophenone	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Anthracene	**0.0725**	**J**	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Atrazine	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Benzaldehyde	**0.177**	**J**	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Benzo[a]anthracene	**0.503**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Benzo[a]pyrene	**0.578**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Benzo[b]fluoranthene	**1.09**		0.464	0.00197	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Benzo[g,h,i]perylene	**0.529**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Benzo[k]fluoranthene	**0.344**	**J**	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
bis (2-chloroisopropyl) ether	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Bis(2-chloroethoxy)methane	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Bis(2-chloroethyl)ether	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Bis(2-ethylhexyl) phthalate	ND		0.464	0.141	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Butyl benzyl phthalate	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Caprolactam	ND	*+	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Carbazole	**0.101**	**J**	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Chrysene	**0.819**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Dibenz(a,h)anthracene	**0.113**	**J**	0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Dibenzofuran	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Diethyl phthalate	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Dimethyl phthalate	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Di-n-butyl phthalate	ND		1.39	0.422	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Di-n-octyl phthalate	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1

Client Sample ID: 824-SED-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-8
Matrix: Solid
Percent Solids: 66.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**1.48**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Fluorene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Hexachlorobenzene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Hexachlorobutadiene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Hexachlorocyclopentadiene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Hexachloroethane	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Indeno[1,2,3-cd]pyrene	**0.532**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Isophorone	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Naphthalene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Nitrobenzene	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
N-Nitrosodi-n-propylamine	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
N-Nitrosodiphenylamine	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Pentachlorophenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Phenanthrene	**0.528**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Phenol	ND		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1
Pyrene	**1.19**		0.464	0.0464	mg/Kg	☼	12/22/25 08:45	12/27/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:23*	*1*
2-Fluorobiphenyl (Surr)	*99*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:23*	*1*
2-Fluorophenol (Surr)	*109*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:23*	*1*
Nitrobenzene-d5 (Surr)	*114*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:23*	*1*
Phenol-d5 (Surr)	*106*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:23*	*1*
Terphenyl-d14 (Surr)	*103*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:23*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.34**	**J**	3.73	1.08	mg/Kg	☼		12/27/25 14:12	1
Sulfate	ND		14.9	14.6	mg/Kg	☼		12/27/25 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.482**	**J**	0.840	0.192	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Arsenic	**1.07**		0.504	0.0449	mg/Kg	☼	12/30/25 09:01	12/31/25 18:34	5
Barium	**45.1**		2.10	0.0119	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Beryllium	**0.219**	**J**	0.420	0.0294	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Cadmium	**0.206**	**J**	0.420	0.0137	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Chromium	**6.76**		0.840	0.173	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Cobalt	**3.57**		0.630	0.0238	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Copper	**18.7**		0.420	0.0437	mg/Kg	☼	12/30/25 09:01	12/31/25 18:34	5
Lead	**47.4**		0.420	0.0496	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Manganese	**164**		0.840	0.0517	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Nickel	**9.17**	**B**	0.840	0.0220	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Selenium	**0.163**	**J**	2.10	0.149	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Silver	**0.0590**	**J B**	0.210	0.00244	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Thallium	ND		0.588	0.0354	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Vanadium	**10.6**		0.840	0.105	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5
Zinc	**110**		2.10	1.74	mg/Kg	☼	12/30/25 09:01	12/30/25 17:11	5

Client Sample ID: 824-SED-8

Lab Sample ID: 752-40519-8
Date Collected: 12/19/25 09:00
Matrix: Solid
Date Received: 12/19/25 14:20
Percent Solids: 66.4

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0362	J	0.130	0.0189	mg/Kg	☼	12/30/25 10:30	12/30/25 14:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.50	0.150	mg/Kg	☼	12/29/25 10:06	12/30/25 19:23	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.50	0.479	mg/Kg	☼		01/02/26 12:59	1

Client Sample ID: 824-SED-Dup

Lab Sample ID: 752-40519-9
Date Collected: 12/19/25 10:00
Matrix: Solid
Date Received: 12/19/25 14:20
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.102	0.0225	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Benzene	ND		0.00509	0.000769	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Bromobenzene	ND		0.00509	0.000959	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Bromoform	ND		0.00509	0.00216	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Bromomethane	ND		0.00509	0.00200	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
2-Butanone (MEK)	ND		0.0509	0.00566	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Carbon disulfide	ND		0.0102	0.00260	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Carbon tetrachloride	ND		0.00509	0.000963	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Chlorobenzene	ND		0.00509	0.000854	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Chlorobromomethane	ND		0.00509	0.00122	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Chlorodibromomethane	ND		0.00509	0.000809	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Chloroethane	ND		0.0102	0.00192	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Chloroform	ND		0.00509	0.000986	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Chloromethane	ND		0.0102	0.00151	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
2-Chlorotoluene	ND		0.00509	0.00110	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
4-Chlorotoluene	ND		0.00509	0.00111	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
cis-1,2-Dichloroethene	ND		0.00509	0.00122	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
cis-1,3-Dichloropropene	ND		0.00509	0.00119	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2-Dibromo-3-Chloropropane	ND		0.00509	0.00210	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Dibromomethane	ND		0.00509	0.00103	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2-Dichlorobenzene	ND		0.00509	0.00110	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,3-Dichlorobenzene	ND		0.00509	0.000810	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,4-Dichlorobenzene	ND		0.00509	0.00118	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Dichlorobromomethane	ND		0.00509	0.000954	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1-Dichloroethane	ND		0.00509	0.000921	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2-Dichloroethane	ND		0.00509	0.00123	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1-Dichloroethene	ND		0.00509	0.00121	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2-Dichloropropane	ND		0.00509	0.000697	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,3-Dichloropropane	ND		0.00509	0.00117	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
2,2-Dichloropropane	ND		0.00509	0.00118	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1-Dichloropropene	ND		0.00509	0.00104	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Ethyl acetate	ND		0.0509	0.0509	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Ethylbenzene	ND		0.00509	0.00109	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Ethylene Dibromide	ND		0.00509	0.000888	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1

Client Sample ID: 824-SED-Dup

Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-9

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.00509	0.00163	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Hexane	ND		0.0102	0.0102	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
2-Hexanone	ND		0.0102	0.00750	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Iodomethane	ND		0.0102	0.00194	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Isopropylbenzene	ND		0.00509	0.00150	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Isopropyl ether	ND		0.0102	0.0102	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
4-Isopropyltoluene	ND		0.00509	0.00346	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Methylene Chloride	ND		0.0203	0.00572	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.0102	0.00332	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Methyl tert-butyl ether	ND		0.00509	0.00178	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
m-Xylene & p-Xylene	ND		0.0102	0.00221	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Naphthalene	ND		0.00509	0.00392	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
n-Butylbenzene	ND		0.00509	0.00179	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
n-Heptane	ND		0.0102	0.0102	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
N-Propylbenzene	ND		0.00509	0.00106	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
o-Xylene	ND		0.00509	0.00134	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
sec-Butylbenzene	ND		0.00509	0.00116	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Styrene	ND		0.00509	0.00258	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
tert-Butylbenzene	ND		0.00509	0.00121	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1,1,2-Tetrachloroethane	ND		0.00509	0.00101	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1,2,2-Tetrachloroethane	ND		0.00509	0.00132	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Tetrachloroethene	ND		0.00509	0.000828	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Toluene	ND		0.00509	0.000999	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
trans-1,4-Dichloro-2-butene	ND		0.0102	0.00513	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
trans-1,2-Dichloroethene	ND		0.00509	0.00123	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
trans-1,3-Dichloropropene	ND		0.00509	0.00105	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2,3-Trichlorobenzene	ND		0.00509	0.00266	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2,4-Trichlorobenzene	ND		0.00509	0.00204	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1,1-Trichloroethane	ND		0.00509	0.00147	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1,2-Trichloroethane	ND		0.00509	0.000916	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Trichloroethene	ND		0.00509	0.000706	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Trichlorofluoromethane	ND		0.00509	0.00192	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2,3-Trichloropropane	ND		0.00509	0.00136	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0102	0.00101	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,2,4-Trimethylbenzene	ND		0.00509	0.00119	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
1,3,5-Trimethylbenzene	ND		0.00509	0.00126	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Vinyl acetate	ND		0.0102	0.00338	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Vinyl chloride	ND		0.0102	0.00168	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1
Xylenes, Total	ND		0.00509	0.00134	mg/Kg	☼	12/31/25 14:53	12/31/25 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/31/25 14:53*	*12/31/25 19:03*	*1*
Dibromofluoromethane	*94*		*80 - 119*	*12/31/25 14:53*	*12/31/25 19:03*	*1*
Toluene-d8 (Surr)	*96*		*71 - 129*	*12/31/25 14:53*	*12/31/25 19:03*	*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	**0.00601**		0.00290	0.00290	mg/Kg	☼	12/22/25 10:56	12/24/25 13:08	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*10 - 150*	*12/22/25 10:56*	*12/24/25 13:08*	*2*

Client Sample ID: 824-SED-Dup
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-9
Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.394	0.0115	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,4,5-Trichlorophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,4,6-Trichlorophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,4-Dichlorophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,4-Dimethylphenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,4-Dinitrophenol	ND	*+	1.18	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,4-Dinitrotoluene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2,6-Dinitrotoluene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2-Chloronaphthalene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2-Chlorophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2-Methylnaphthalene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2-Methylphenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2-Nitroaniline	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
2-Nitrophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
3 & 4 Methylphenol	ND		0.789	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
3,3'-Dichlorobenzidine	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
3-Nitroaniline	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4,6-Dinitro-2-methylphenol	ND	*+	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4-Bromophenyl phenyl ether	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4-Chloro-3-methylphenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4-Chloroaniline	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4-Chlorophenyl phenyl ether	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4-Nitroaniline	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
4-Nitrophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Acenaphthene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Acenaphthylene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Acetophenone	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Anthracene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Atrazine	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Benzaldehyde	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Benzo[a]anthracene	**0.0687**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Benzo[a]pyrene	**0.0777**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Benzo[b]fluoranthene	**0.130**	**J**	0.394	0.00167	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Benzo[g,h,i]perylene	**0.0647**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Benzo[k]fluoranthene	**0.0425**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
bis (2-chloroisopropyl) ether	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Bis(2-chloroethoxy)methane	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Bis(2-chloroethyl)ether	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Bis(2-ethylhexyl) phthalate	ND		0.394	0.119	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Butyl benzyl phthalate	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Caprolactam	**0.205**	**J *+**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Carbazole	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Chrysene	**0.104**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Dibenz(a,h)anthracene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Dibenzofuran	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Diethyl phthalate	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Dimethyl phthalate	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Di-n-butyl phthalate	ND		1.18	0.358	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Di-n-octyl phthalate	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1

Client Sample ID: 824-SED-Dup

Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-9

Matrix: Solid
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**0.212**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Fluorene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Hexachlorobenzene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Hexachlorobutadiene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Hexachlorocyclopentadiene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Hexachloroethane	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Indeno[1,2,3-cd]pyrene	**0.0645**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Isophorone	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Naphthalene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Nitrobenzene	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
N-Nitrosodi-n-propylamine	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
N-Nitrosodiphenylamine	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Pentachlorophenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Phenanthrene	**0.0591**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Phenol	ND		0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1
Pyrene	**0.175**	**J**	0.394	0.0394	mg/Kg	☼	12/22/25 08:45	12/27/25 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:54*	*1*
2-Fluorobiphenyl (Surr)	*112*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:54*	*1*
2-Fluorophenol (Surr)	*115*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:54*	*1*
Nitrobenzene-d5 (Surr)	*128*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:54*	*1*
Phenol-d5 (Surr)	*112*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:54*	*1*
Terphenyl-d14 (Surr)	*117*		*40 - 140*	*12/22/25 08:45*	*12/27/25 02:54*	*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**	3.08	0.893	mg/Kg	☼		12/27/25 14:24	1
Sulfate	ND		12.3	12.1	mg/Kg	☼		12/27/25 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.646**	**J**	0.840	0.192	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Arsenic	**0.602**		0.504	0.0449	mg/Kg	☼	12/22/25 09:27	01/03/26 15:27	5
Barium	**60.0**	**B**	2.10	0.0119	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Beryllium	**0.115**	**J**	0.420	0.0294	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Cadmium	**0.0957**	**J**	0.420	0.0137	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Chromium	**5.53**		0.840	0.173	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Cobalt	**3.49**		0.630	0.0238	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Copper	**11.1**	**B**	0.420	0.0437	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Lead	**12.7**		0.420	0.0495	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Manganese	**108**		0.840	0.0516	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Nickel	**9.31**	**B**	0.840	0.0220	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Selenium	ND		2.10	0.149	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Silver	**0.0180**	**J B**	0.210	0.00244	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Thallium	ND		0.588	0.0354	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Vanadium	**9.35**		0.840	0.105	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5
Zinc	**52.1**		2.10	1.74	mg/Kg	☼	12/22/25 09:27	12/22/25 15:51	5

Client Sample ID: 824-SED-Dup

Lab Sample ID: 752-40519-9
Date Collected: 12/19/25 10:00
Matrix: Solid
Date Received: 12/19/25 14:20
Percent Solids: 81.1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.114	0.0167	mg/Kg	☼	12/30/25 10:30	12/30/25 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.118	J	1.12	0.112	mg/Kg	☼	12/29/25 10:06	12/30/25 19:35	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.22	0.391	mg/Kg	☼		01/02/26 13:01	1

Client Sample ID: Trip Blank

Lab Sample ID: 752-40519-10
Date Collected: 12/19/25 00:00
Matrix: Water
Date Received: 12/19/25 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/02/26 11:06	1
Benzene	ND		1.00	0.200	ug/L			01/02/26 11:06	1
Bromobenzene	ND		1.00	0.222	ug/L			01/02/26 11:06	1
Bromoform	ND		1.00	0.458	ug/L			01/02/26 11:06	1
Bromomethane	ND		1.00	0.470	ug/L			01/02/26 11:06	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/02/26 11:06	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/02/26 11:06	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/02/26 11:06	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/02/26 11:06	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/02/26 11:06	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/02/26 11:06	1
Chloroethane	ND		1.00	0.374	ug/L			01/02/26 11:06	1
Chloroform	ND		1.00	0.216	ug/L			01/02/26 11:06	1
Chloromethane	ND		1.00	0.371	ug/L			01/02/26 11:06	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/02/26 11:06	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/02/26 11:06	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/02/26 11:06	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/02/26 11:06	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/02/26 11:06	1
Dibromomethane	ND		1.00	0.318	ug/L			01/02/26 11:06	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/02/26 11:06	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/02/26 11:06	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/02/26 11:06	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/02/26 11:06	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/02/26 11:06	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/02/26 11:06	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/02/26 11:06	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/02/26 11:06	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/02/26 11:06	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/02/26 11:06	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/02/26 11:06	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/02/26 11:06	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/02/26 11:06	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/02/26 11:06	1

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

Job ID: 752-40519-1

Client Sample ID: Trip Blank
Date Collected: 12/19/25 00:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/02/26 11:06	1
Hexane	ND		10.0	3.63	ug/L			01/02/26 11:06	1
2-Hexanone	ND		10.0	3.47	ug/L			01/02/26 11:06	1
Iodomethane	ND		2.00	0.403	ug/L			01/02/26 11:06	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/02/26 11:06	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/02/26 11:06	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/02/26 11:06	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/02/26 11:06	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/02/26 11:06	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/02/26 11:06	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/02/26 11:06	1
Naphthalene	ND		2.00	1.56	ug/L			01/02/26 11:06	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/02/26 11:06	1
n-Heptane	ND		10.0	3.05	ug/L			01/02/26 11:06	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/02/26 11:06	1
o-Xylene	ND		1.00	0.270	ug/L			01/02/26 11:06	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/02/26 11:06	1
Styrene	ND		1.00	0.194	ug/L			01/02/26 11:06	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/02/26 11:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/02/26 11:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/02/26 11:06	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/02/26 11:06	1
Toluene	ND		1.00	0.197	ug/L			01/02/26 11:06	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/02/26 11:06	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/02/26 11:06	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/02/26 11:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/02/26 11:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/02/26 11:06	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/02/26 11:06	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/02/26 11:06	1
Trichloroethene	ND		1.00	0.211	ug/L			01/02/26 11:06	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/02/26 11:06	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/02/26 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/02/26 11:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/02/26 11:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/02/26 11:06	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/02/26 11:06	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/02/26 11:06	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/02/26 11:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 126*		*01/02/26 11:06*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*01/02/26 11:06*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/02/26 11:06*	*1*

Surrogate Summary

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

Job ID: 752-40519-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(67-127)	(80-119)	(71-129)
752-40519-1	824-SED-1	95	101	104
752-40519-4	824-SED-4	95	98	96
752-40519-5	824-SED-5	96	100	98
752-40519-6	824-SED-6	77	107	85
752-40519-7	824-SED-7	88	104	95
752-40519-7	824-SED-7	73	102	95
752-40519-8	824-SED-8	79	100	91
752-40519-8	824-SED-8	79	109	95
752-40519-9	824-SED-Dup	95	94	96
LCS 705-105106/1002	Lab Control Sample	104	94	103
LCS 705-105106/1004	Lab Control Sample	97	101	98
LCS 705-105424/1002	Lab Control Sample	105	89	99
LCSD 705-105106/3	Lab Control Sample Dup	102	95	96
LCSD 705-105106/5	Lab Control Sample Dup	100	98	101
LCSD 705-105424/3	Lab Control Sample Dup	106	91	100
MB 705-105106/7	Method Blank	98	106	103
MB 705-105424/7	Method Blank	100	98	95

Surrogate Legend

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

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)
752-40519-2	824-SED-2	91	97	101	105
752-40519-3	824-SED-3	92	98	99	104
LCS 400-735445/1-A	Lab Control Sample	89	99	94	107
MB 400-735445/2-A	Method Blank	91	96	94	108

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
752-40519-10	Trip Blank	96	101	98
LCS 705-105450/1001	Lab Control Sample	95	100	101
LCS 705-105450/1002	Lab Control Sample	100	99	98
MB 705-105450/7	Method Blank	95	100	101

Surrogate Legend

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40519-1
Project/Site: Walltown Park

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)
752-40519-1	824-SED-1	36 S1-	93	92	97	86	103
752-40519-2	824-SED-2	60	102	102	108	106	112
752-40519-3	824-SED-3	57	97	98	104	90	110
752-40519-4	824-SED-4	52	99	112	111	101	108
752-40519-5	824-SED-5	70	100	96	110	96	112
752-40519-6	824-SED-6	72	90	78	100	91	97
752-40519-7 - DL	824-SED-7	34 S1-	87	72	78	76	83
752-40519-8	824-SED-8	97	99	109	114	106	103
752-40519-9	824-SED-Dup	71	112	115	128	112	117
LCS 400-734557/2-A	Lab Control Sample	134	96	107	106	104	103
MB 400-734557/1-A	Method Blank	125	108	118	113	113	116

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: S&ME Inc
Job ID: 752-40519-1
Project/Site: Walltown Park

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)						
752-40519-1	824-SED-1	68						
752-40519-1 MS	824-SED-1	80						
752-40519-1 MSD	824-SED-1	71						
752-40519-2	824-SED-2	74						
752-40519-3	824-SED-3	59						
752-40519-4	824-SED-4	56						
752-40519-5	824-SED-5	54						
752-40519-6	824-SED-6	60						
752-40519-7	824-SED-7	56						
752-40519-8	824-SED-8	50						
752-40519-9	824-SED-Dup	60						
LCS 400-734585/2-A	Lab Control Sample	80						
MB 400-734585/1-A	Method Blank	89						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-105106/7
Matrix: Solid
Analysis Batch: 105106

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			12/31/25 10:07	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/31/25 10:07	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/31/25 10:07	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/31/25 10:07	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/31/25 10:07	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/31/25 10:07	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/31/25 10:07	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/31/25 10:07	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/31/25 10:07	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/31/25 10:07	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/31/25 10:07	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/31/25 10:07	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/31/25 10:07	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/31/25 10:07	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			12/31/25 10:07	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/31/25 10:07	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/31/25 10:07	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/31/25 10:07	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/31/25 10:07	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/31/25 10:07	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/31/25 10:07	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/31/25 10:07	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/31/25 10:07	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/31/25 10:07	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/31/25 10:07	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/31/25 10:07	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/31/25 10:07	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/31/25 10:07	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/31/25 10:07	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/31/25 10:07	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/31/25 10:07	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/31/25 10:07	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/31/25 10:07	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/31/25 10:07	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/31/25 10:07	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/31/25 10:07	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/31/25 10:07	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/31/25 10:07	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/31/25 10:07	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			12/31/25 10:07	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/31/25 10:07	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/31/25 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/31/25 10:07	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/31/25 10:07	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/31/25 10:07	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/31/25 10:07	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/31/25 10:07	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/31/25 10:07	1

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

Lab Sample ID: MB 705-105106/7
Matrix: Solid
Analysis Batch: 105106

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/31/25 10:07	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/31/25 10:07	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/31/25 10:07	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/31/25 10:07	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/31/25 10:07	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/31/25 10:07	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/31/25 10:07	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/31/25 10:07	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/31/25 10:07	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/31/25 10:07	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/31/25 10:07	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/31/25 10:07	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/31/25 10:07	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/31/25 10:07	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/31/25 10:07	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			12/31/25 10:07	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/31/25 10:07	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/31/25 10:07	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/31/25 10:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/31/25 10:07	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/31/25 10:07	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/31/25 10:07	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/31/25 10:07	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/31/25 10:07	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/31/25 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 127*		*12/31/25 10:07*	*1*
Dibromofluoromethane	*106*		*80 - 119*		*12/31/25 10:07*	*1*
Toluene-d8 (Surr)	*103*		*71 - 129*		*12/31/25 10:07*	*1*

Lab Sample ID: LCS 705-105106/1002
Matrix: Solid
Analysis Batch: 105106

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	0.1090		mg/Kg		109	70 - 131
Benzene	0.0500	0.05155		mg/Kg		103	79 - 120
Bromobenzene	0.0500	0.04741		mg/Kg		95	75 - 118
Bromoform	0.0500	0.05537		mg/Kg		111	71 - 136
Bromomethane	0.0500	0.04754		mg/Kg		95	62 - 134
2-Butanone (MEK)	0.100	0.1012		mg/Kg		101	73 - 134
Carbon disulfide	0.0500	0.05110		mg/Kg		102	80 - 127
Carbon tetrachloride	0.0500	0.05103		mg/Kg		102	72 - 132
Chlorobenzene	0.0500	0.05036		mg/Kg		101	80 - 120
Chlorobromomethane	0.0500	0.05247		mg/Kg		105	79 - 122
Chlorodibromomethane	0.0500	0.05208		mg/Kg		104	81 - 123
Chloroethane	0.0500	0.04745		mg/Kg		95	66 - 130

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

Lab Sample ID: LCS 705-105106/1002
Matrix: Solid
Analysis Batch: 105106

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	0.0500	0.05003		mg/Kg		100	74 - 120
Chloromethane	0.0500	0.04068		mg/Kg		81	64 - 131
2-Chlorotoluene	0.0500	0.04828		mg/Kg		97	74 - 122
4-Chlorotoluene	0.0500	0.04853		mg/Kg		97	75 - 121
cis-1,2-Dichloroethene	0.0500	0.05485		mg/Kg		110	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04971		mg/Kg		99	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.05945		mg/Kg		119	68 - 125
Dibromomethane	0.0500	0.05080		mg/Kg		102	82 - 119
1,2-Dichlorobenzene	0.0500	0.05101		mg/Kg		102	80 - 120
1,3-Dichlorobenzene	0.0500	0.04933		mg/Kg		99	78 - 120
1,4-Dichlorobenzene	0.0500	0.04964		mg/Kg		99	79 - 120
Dichlorobromomethane	0.0500	0.05202		mg/Kg		104	80 - 122
1,1-Dichloroethane	0.0500	0.04445		mg/Kg		89	72 - 123
1,2-Dichloroethane	0.0500	0.05321		mg/Kg		106	73 - 123
1,1-Dichloroethene	0.0500	0.05097		mg/Kg		102	74 - 126
1,2-Dichloropropane	0.0500	0.04966		mg/Kg		99	78 - 122
1,3-Dichloropropane	0.0500	0.05363		mg/Kg		107	82 - 120
2,2-Dichloropropane	0.0500	0.05546		mg/Kg		111	70 - 132
1,1-Dichloropropene	0.0500	0.05200		mg/Kg		104	74 - 126
Ethylbenzene	0.0500	0.05228		mg/Kg		105	80 - 121
Ethylene Dibromide	0.0500	0.05422		mg/Kg		108	82 - 118
Hexachlorobutadiene	0.0500	0.04486		mg/Kg		90	81 - 123
Hexane	0.0500	0.03901		mg/Kg		78	25 - 150
2-Hexanone	0.100	0.1096		mg/Kg		110	81 - 132
Iodomethane	0.0500	0.05713		mg/Kg		114	50 - 150
Isopropylbenzene	0.0500	0.04666		mg/Kg		93	72 - 129
4-Isopropyltoluene	0.0500	0.04801		mg/Kg		96	73 - 131
Methylene Chloride	0.0500	0.05272		mg/Kg		105	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1235		mg/Kg		123	81 - 135
Methyl tert-butyl ether	0.0500	0.05125		mg/Kg		103	80 - 122
m-Xylene & p-Xylene	0.0500	0.05298		mg/Kg		106	79 - 123
Naphthalene	0.0500	0.05496		mg/Kg		110	66 - 128
n-Butylbenzene	0.0500	0.04926		mg/Kg		99	73 - 132
n-Heptane	0.0500	0.05188		mg/Kg		104	25 - 150
N-Propylbenzene	0.0500	0.04687		mg/Kg		94	74 - 127
o-Xylene	0.0500	0.05210		mg/Kg		104	78 - 122
sec-Butylbenzene	0.0500	0.04831		mg/Kg		97	72 - 131
Styrene	0.0500	0.05230		mg/Kg		105	79 - 128
tert-Butylbenzene	0.0500	0.04687		mg/Kg		94	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.05171		mg/Kg		103	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.05339		mg/Kg		107	73 - 121
Tetrachloroethene	0.0500	0.04805		mg/Kg		96	74 - 121
Toluene	0.0500	0.05044		mg/Kg		101	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.06113		mg/Kg		122	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05698		mg/Kg		114	76 - 124
trans-1,3-Dichloropropene	0.0500	0.05434		mg/Kg		109	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04722		mg/Kg		94	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04583		mg/Kg		92	69 - 130
1,1,1-Trichloroethane	0.0500	0.04929		mg/Kg		99	73 - 126

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

Lab Sample ID: LCS 705-105106/1002
Matrix: Solid
Analysis Batch: 105106

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			0.0500	0.05403		mg/Kg		108	77 - 124		
Trichloroethene			0.0500	0.04856		mg/Kg		97	79 - 121		
Trichlorofluoromethane			0.0500	0.05005		mg/Kg		100	77 - 128		
1,2,3-Trichloropropane			0.0500	0.05362		mg/Kg		107	68 - 125		
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04918		mg/Kg		98	80 - 121		
1,2,4-Trimethylbenzene			0.0500	0.04910		mg/Kg		98	75 - 125		
1,3,5-Trimethylbenzene			0.0500	0.04747		mg/Kg		95	74 - 128		
Vinyl acetate			0.100	0.09154		mg/Kg		92	50 - 150		
Vinyl chloride			0.0500	0.04550		mg/Kg		91	68 - 130		
Xylenes, Total			0.100	0.1051		mg/Kg		105	79 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 127*
Dibromofluoromethane	*94*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

Lab Sample ID: LCS 705-105106/1004
Matrix: Solid
Analysis Batch: 105106

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	0.08910		mg/Kg		89	25 - 150		
Isopropyl ether			0.0500	0.04900		mg/Kg		98	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*98*		*71 - 129*

Lab Sample ID: LCSD 705-105106/3
Matrix: Solid
Analysis Batch: 105106

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	0.1022		mg/Kg		102	70 - 131	6	50
Benzene			0.0500	0.04869		mg/Kg		97	79 - 120	6	30
Bromobenzene			0.0500	0.04572		mg/Kg		91	75 - 118	4	20
Bromoform			0.0500	0.05138		mg/Kg		103	71 - 136	7	20
Bromomethane			0.0500	0.05127		mg/Kg		103	62 - 134	8	90
2-Butanone (MEK)			0.100	0.08517		mg/Kg		85	73 - 134	17	50
Carbon disulfide			0.0500	0.05084		mg/Kg		102	80 - 127	1	50
Carbon tetrachloride			0.0500	0.04795		mg/Kg		96	72 - 132	6	20
Chlorobenzene			0.0500	0.04947		mg/Kg		99	80 - 120	2	30
Chlorobromomethane			0.0500	0.04719		mg/Kg		94	79 - 122	11	20
Chlorodibromomethane			0.0500	0.05120		mg/Kg		102	81 - 123	2	20
Chloroethane			0.0500	0.05167		mg/Kg		103	66 - 130	9	57
Chloroform			0.0500	0.04671		mg/Kg		93	74 - 120	7	20

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

Lab Sample ID: LCSD 705-105106/3
Matrix: Solid
Analysis Batch: 105106

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0500	0.04507		mg/Kg		90	64 - 131	10	99
2-Chlorotoluene	0.0500	0.04641		mg/Kg		93	74 - 122	4	20
4-Chlorotoluene	0.0500	0.04684		mg/Kg		94	75 - 121	4	20
cis-1,2-Dichloroethene	0.0500	0.05051		mg/Kg		101	78 - 122	8	20
cis-1,3-Dichloropropene	0.0500	0.04794		mg/Kg		96	75 - 134	4	20
1,2-Dibromo-3-Chloropropane	0.0500	0.05647		mg/Kg		113	68 - 125	5	20
Dibromomethane	0.0500	0.04860		mg/Kg		97	82 - 119	4	20
1,2-Dichlorobenzene	0.0500	0.04820		mg/Kg		96	80 - 120	6	20
1,3-Dichlorobenzene	0.0500	0.04756		mg/Kg		95	78 - 120	4	20
1,4-Dichlorobenzene	0.0500	0.04817		mg/Kg		96	79 - 120	3	20
Dichlorobromomethane	0.0500	0.04921		mg/Kg		98	80 - 122	6	20
1,1-Dichloroethane	0.0500	0.05232		mg/Kg		105	72 - 123	16	20
1,2-Dichloroethane	0.0500	0.04643		mg/Kg		93	73 - 123	14	20
1,1-Dichloroethene	0.0500	0.05222		mg/Kg		104	74 - 126	2	30
1,2-Dichloropropane	0.0500	0.04685		mg/Kg		94	78 - 122	6	20
1,3-Dichloropropane	0.0500	0.05185		mg/Kg		104	82 - 120	3	20
2,2-Dichloropropane	0.0500	0.05153		mg/Kg		103	70 - 132	7	20
1,1-Dichloropropene	0.0500	0.04785		mg/Kg		96	74 - 126	8	20
Ethylbenzene	0.0500	0.05107		mg/Kg		102	80 - 121	2	30
Ethylene Dibromide	0.0500	0.05292		mg/Kg		106	82 - 118	2	20
Hexachlorobutadiene	0.0500	0.04237		mg/Kg		85	81 - 123	6	20
Hexane	0.0500	0.05022		mg/Kg		100	25 - 150	25	50
2-Hexanone	0.100	0.1017		mg/Kg		102	81 - 132	7	50
Iodomethane	0.0500	0.05811		mg/Kg		116	50 - 150	2	50
Isopropylbenzene	0.0500	0.04472		mg/Kg		89	72 - 129	4	20
4-Isopropyltoluene	0.0500	0.04687		mg/Kg		94	73 - 131	2	20
Methylene Chloride	0.0500	0.04970		mg/Kg		99	72 - 122	6	20
4-Methyl-2-pentanone (MIBK)	0.100	0.1098		mg/Kg		110	81 - 135	12	50
Methyl tert-butyl ether	0.0500	0.04790		mg/Kg		96	80 - 122	7	20
m-Xylene & p-Xylene	0.0500	0.05039		mg/Kg		101	79 - 123	5	30
Naphthalene	0.0500	0.05012		mg/Kg		100	66 - 128	9	30
n-Butylbenzene	0.0500	0.04783		mg/Kg		96	73 - 132	3	20
n-Heptane	0.0500	0.04965		mg/Kg		99	25 - 150	4	50
N-Propylbenzene	0.0500	0.04595		mg/Kg		92	74 - 127	2	20
o-Xylene	0.0500	0.05005		mg/Kg		100	78 - 122	4	30
sec-Butylbenzene	0.0500	0.04656		mg/Kg		93	72 - 131	4	20
Styrene	0.0500	0.05017		mg/Kg		100	79 - 128	4	20
tert-Butylbenzene	0.0500	0.04639		mg/Kg		93	73 - 128	1	20
1,1,1,2-Tetrachloroethane	0.0500	0.04981		mg/Kg		100	78 - 124	4	20
1,1,2,2-Tetrachloroethane	0.0500	0.04851		mg/Kg		97	73 - 121	10	20
Tetrachloroethene	0.0500	0.04600		mg/Kg		92	74 - 121	4	20
Toluene	0.0500	0.04784		mg/Kg		96	77 - 123	5	30
trans-1,4-Dichloro-2-butene	0.0500	0.05413		mg/Kg		108	50 - 150	12	50
trans-1,2-Dichloroethene	0.0500	0.05561		mg/Kg		111	76 - 124	2	20
trans-1,3-Dichloropropene	0.0500	0.05074		mg/Kg		101	70 - 131	7	20
1,2,3-Trichlorobenzene	0.0500	0.04327		mg/Kg		87	70 - 128	9	20
1,2,4-Trichlorobenzene	0.0500	0.04364		mg/Kg		87	69 - 130	5	20
1,1,1-Trichloroethane	0.0500	0.04778		mg/Kg		96	73 - 126	3	20
1,1,2-Trichloroethane	0.0500	0.05002		mg/Kg		100	77 - 124	8	20

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

Lab Sample ID: LCSD 705-105106/3
Matrix: Solid
Analysis Batch: 105106

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene			0.0500	0.04743		mg/Kg		95	79 - 121	2	30
Trichlorofluoromethane			0.0500	0.05299		mg/Kg		106	77 - 128	6	50
1,2,3-Trichloropropane			0.0500	0.05211		mg/Kg		104	68 - 125	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05026		mg/Kg		101	80 - 121	2	50
1,2,4-Trimethylbenzene			0.0500	0.04749		mg/Kg		95	75 - 125	3	20
1,3,5-Trimethylbenzene			0.0500	0.04600		mg/Kg		92	74 - 128	3	20
Vinyl acetate			0.100	0.09738		mg/Kg		97	50 - 150	6	50
Vinyl chloride			0.0500	0.05050		mg/Kg		101	68 - 130	10	20
Xylenes, Total			0.100	0.1004		mg/Kg		100	79 - 122	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 127*
Dibromofluoromethane	*95*		*80 - 119*
Toluene-d8 (Surr)	*96*		*71 - 129*

Lab Sample ID: LCSD 705-105106/5
Matrix: Solid
Analysis Batch: 105106

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	0.09766		mg/Kg		98	25 - 150	NaN	50
Isopropyl ether			0.0500	0.05208		mg/Kg		104	50 - 150	NaN	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*101*		*71 - 129*

Lab Sample ID: MB 705-105424/7
Matrix: Solid
Analysis Batch: 105424

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			01/02/26 12:24	1
Benzene	ND		0.00500	0.000756	mg/Kg			01/02/26 12:24	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			01/02/26 12:24	1
Bromoform	ND		0.00500	0.00212	mg/Kg			01/02/26 12:24	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			01/02/26 12:24	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			01/02/26 12:24	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			01/02/26 12:24	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			01/02/26 12:24	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			01/02/26 12:24	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			01/02/26 12:24	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			01/02/26 12:24	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			01/02/26 12:24	1
Chloroform	ND		0.00500	0.000969	mg/Kg			01/02/26 12:24	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			01/02/26 12:24	1

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

Lab Sample ID: MB 705-105424/7
Matrix: Solid
Analysis Batch: 105424

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			01/02/26 12:24	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			01/02/26 12:24	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			01/02/26 12:24	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			01/02/26 12:24	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			01/02/26 12:24	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			01/02/26 12:24	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			01/02/26 12:24	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			01/02/26 12:24	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			01/02/26 12:24	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			01/02/26 12:24	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			01/02/26 12:24	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			01/02/26 12:24	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			01/02/26 12:24	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			01/02/26 12:24	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			01/02/26 12:24	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			01/02/26 12:24	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			01/02/26 12:24	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			01/02/26 12:24	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			01/02/26 12:24	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			01/02/26 12:24	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			01/02/26 12:24	1
Hexane	ND		0.0100	0.0100	mg/Kg			01/02/26 12:24	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			01/02/26 12:24	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			01/02/26 12:24	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			01/02/26 12:24	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			01/02/26 12:24	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			01/02/26 12:24	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			01/02/26 12:24	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			01/02/26 12:24	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			01/02/26 12:24	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			01/02/26 12:24	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			01/02/26 12:24	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			01/02/26 12:24	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			01/02/26 12:24	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			01/02/26 12:24	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			01/02/26 12:24	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			01/02/26 12:24	1
Styrene	ND		0.00500	0.00254	mg/Kg			01/02/26 12:24	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			01/02/26 12:24	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			01/02/26 12:24	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			01/02/26 12:24	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			01/02/26 12:24	1
Toluene	ND		0.00500	0.000982	mg/Kg			01/02/26 12:24	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			01/02/26 12:24	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			01/02/26 12:24	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			01/02/26 12:24	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			01/02/26 12:24	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			01/02/26 12:24	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			01/02/26 12:24	1

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

Lab Sample ID: MB 705-105424/7
Matrix: Solid
Analysis Batch: 105424

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			01/02/26 12:24	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			01/02/26 12:24	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			01/02/26 12:24	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			01/02/26 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			01/02/26 12:24	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			01/02/26 12:24	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			01/02/26 12:24	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			01/02/26 12:24	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			01/02/26 12:24	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			01/02/26 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 127*		*01/02/26 12:24*	*1*
Dibromofluoromethane	*98*		*80 - 119*		*01/02/26 12:24*	*1*
Toluene-d8 (Surr)	*95*		*71 - 129*		*01/02/26 12:24*	*1*

Lab Sample ID: LCS 705-105424/1002
Matrix: Solid
Analysis Batch: 105424

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	0.08116	J	mg/Kg		81	70 - 131
Benzene	0.0500	0.04977		mg/Kg		100	79 - 120
Bromobenzene	0.0500	0.04725		mg/Kg		94	75 - 118
Bromoform	0.0500	0.05298		mg/Kg		106	71 - 136
Bromomethane	0.0500	0.04378		mg/Kg		88	62 - 134
2-Butanone (MEK)	0.100	0.08214		mg/Kg		82	73 - 134
Carbon disulfide	0.0500	0.04760		mg/Kg		95	80 - 127
Carbon tetrachloride	0.0500	0.04875		mg/Kg		97	72 - 132
Chlorobenzene	0.0500	0.05012		mg/Kg		100	80 - 120
Chlorobromomethane	0.0500	0.04737		mg/Kg		95	79 - 122
Chlorodibromomethane	0.0500	0.04946		mg/Kg		99	81 - 123
Chloroethane	0.0500	0.04394		mg/Kg		88	66 - 130
Chloroform	0.0500	0.04591		mg/Kg		92	74 - 120
Chloromethane	0.0500	0.03885		mg/Kg		78	64 - 131
2-Chlorotoluene	0.0500	0.04790		mg/Kg		96	74 - 122
4-Chlorotoluene	0.0500	0.04790		mg/Kg		96	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04587		mg/Kg		92	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04899		mg/Kg		98	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.05383		mg/Kg		108	68 - 125
Dibromomethane	0.0500	0.04526		mg/Kg		91	82 - 119
1,2-Dichlorobenzene	0.0500	0.04971		mg/Kg		99	80 - 120
1,3-Dichlorobenzene	0.0500	0.04786		mg/Kg		96	78 - 120
1,4-Dichlorobenzene	0.0500	0.04909		mg/Kg		98	79 - 120
Dichlorobromomethane	0.0500	0.04819		mg/Kg		96	80 - 122
1,1-Dichloroethane	0.0500	0.05188		mg/Kg		104	72 - 123
1,2-Dichloroethane	0.0500	0.04752		mg/Kg		95	73 - 123
1,1-Dichloroethene	0.0500	0.04717		mg/Kg		94	74 - 126

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

Lab Sample ID: LCS 705-105424/1002
Matrix: Solid
Analysis Batch: 105424

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	0.0500	0.04703		mg/Kg		94	78 - 122
1,3-Dichloropropane	0.0500	0.05045		mg/Kg		101	82 - 120
2,2-Dichloropropane	0.0500	0.04790		mg/Kg		96	70 - 132
1,1-Dichloropropene	0.0500	0.05173		mg/Kg		103	74 - 126
Ethylbenzene	0.0500	0.05112		mg/Kg		102	80 - 121
Ethylene Dibromide	0.0500	0.05135		mg/Kg		103	82 - 118
Hexachlorobutadiene	0.0500	0.04481		mg/Kg		90	81 - 123
Hexane	0.0500	0.05004		mg/Kg		100	25 - 150
2-Hexanone	0.100	0.09529		mg/Kg		95	81 - 132
Iodomethane	0.0500	0.05825		mg/Kg		117	50 - 150
Isopropylbenzene	0.0500	0.04787		mg/Kg		96	72 - 129
4-Isopropyltoluene	0.0500	0.04823		mg/Kg		96	73 - 131
Methylene Chloride	0.0500	0.04370		mg/Kg		87	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1051		mg/Kg		105	81 - 135
Methyl tert-butyl ether	0.0500	0.04858		mg/Kg		97	80 - 122
m-Xylene & p-Xylene	0.0500	0.05236		mg/Kg		105	79 - 123
Naphthalene	0.0500	0.05445		mg/Kg		109	66 - 128
n-Butylbenzene	0.0500	0.04869		mg/Kg		97	73 - 132
n-Heptane	0.0500	0.05038		mg/Kg		101	25 - 150
N-Propylbenzene	0.0500	0.04682		mg/Kg		94	74 - 127
o-Xylene	0.0500	0.05190		mg/Kg		104	78 - 122
sec-Butylbenzene	0.0500	0.04729		mg/Kg		95	72 - 131
Styrene	0.0500	0.05161		mg/Kg		103	79 - 128
tert-Butylbenzene	0.0500	0.04814		mg/Kg		96	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.05000		mg/Kg		100	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.04738		mg/Kg		95	73 - 121
Tetrachloroethene	0.0500	0.04796		mg/Kg		96	74 - 121
Toluene	0.0500	0.04925		mg/Kg		99	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.05171		mg/Kg		103	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05216		mg/Kg		104	76 - 124
trans-1,3-Dichloropropene	0.0500	0.05118		mg/Kg		102	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04790		mg/Kg		96	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04803		mg/Kg		96	69 - 130
1,1,1-Trichloroethane	0.0500	0.04811		mg/Kg		96	73 - 126
1,1,2-Trichloroethane	0.0500	0.04842		mg/Kg		97	77 - 124
Trichloroethene	0.0500	0.04866		mg/Kg		97	79 - 121
Trichlorofluoromethane	0.0500	0.04572		mg/Kg		91	77 - 128
1,2,3-Trichloropropane	0.0500	0.05206		mg/Kg		104	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04560		mg/Kg		91	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04901		mg/Kg		98	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04795		mg/Kg		96	74 - 128
Vinyl acetate	0.100	0.09296		mg/Kg		93	50 - 150
Vinyl chloride	0.0500	0.03988		mg/Kg		80	68 - 130
Xylenes, Total	0.100	0.1043		mg/Kg		104	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 127*

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

Lab Sample ID: LCS 705-105424/1002
Matrix: Solid
Analysis Batch: 105424

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*89*		*80 - 119*
Toluene-d8 (Surr)	*99*		*71 - 129*

Lab Sample ID: LCSD 705-105424/3
Matrix: Solid
Analysis Batch: 105424

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	12	50
Benzene			0.0500	0.04605		mg/Kg		92	79 - 120	8	30
Bromobenzene			0.0500	0.04329		mg/Kg		87	75 - 118	9	20
Bromoform			0.0500	0.04754		mg/Kg		95	71 - 136	11	20
Bromomethane			0.0500	0.04088		mg/Kg		82	62 - 134	7	90
2-Butanone (MEK)			0.100	0.08227		mg/Kg		82	73 - 134	0	50
Carbon disulfide			0.0500	0.04539		mg/Kg		91	80 - 127	5	50
Carbon tetrachloride			0.0500	0.04596		mg/Kg		92	72 - 132	6	20
Chlorobenzene			0.0500	0.04644		mg/Kg		93	80 - 120	8	30
Chlorobromomethane			0.0500	0.04494		mg/Kg		90	79 - 122	5	20
Chlorodibromomethane			0.0500	0.04627		mg/Kg		93	81 - 123	7	20
Chloroethane			0.0500	0.04070		mg/Kg		81	66 - 130	8	57
Chloroform			0.0500	0.04328		mg/Kg		87	74 - 120	6	20
Chloromethane			0.0500	0.04008		mg/Kg		80	64 - 131	3	99
2-Chlorotoluene			0.0500	0.04355		mg/Kg		87	74 - 122	10	20
4-Chlorotoluene			0.0500	0.04442		mg/Kg		89	75 - 121	8	20
cis-1,2-Dichloroethene			0.0500	0.04759		mg/Kg		95	78 - 122	4	20
cis-1,3-Dichloropropene			0.0500	0.04610		mg/Kg		92	75 - 134	6	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04989		mg/Kg		100	68 - 125	8	20
Dibromomethane			0.0500	0.04418		mg/Kg		88	82 - 119	2	20
1,2-Dichlorobenzene			0.0500	0.04628		mg/Kg		93	80 - 120	7	20
1,3-Dichlorobenzene			0.0500	0.04421		mg/Kg		88	78 - 120	8	20
1,4-Dichlorobenzene			0.0500	0.04510		mg/Kg		90	79 - 120	8	20
Dichlorobromomethane			0.0500	0.04730		mg/Kg		95	80 - 122	2	20
1,1-Dichloroethane			0.0500	0.04766		mg/Kg		95	72 - 123	8	20
1,2-Dichloroethane			0.0500	0.04284		mg/Kg		86	73 - 123	10	20
1,1-Dichloroethene			0.0500	0.04650		mg/Kg		93	74 - 126	1	30
1,2-Dichloropropane			0.0500	0.04434		mg/Kg		89	78 - 122	6	20
1,3-Dichloropropane			0.0500	0.04693		mg/Kg		94	82 - 120	7	20
2,2-Dichloropropane			0.0500	0.04957		mg/Kg		99	70 - 132	3	20
1,1-Dichloropropene			0.0500	0.04760		mg/Kg		95	74 - 126	8	20
Ethylbenzene			0.0500	0.04753		mg/Kg		95	80 - 121	7	30
Ethylene Dibromide			0.0500	0.04842		mg/Kg		97	82 - 118	6	20
Hexane			0.0500	0.04325		mg/Kg		86	25 - 150	15	50
2-Hexanone			0.100	0.09510		mg/Kg		95	81 - 132	0	50
Iodomethane			0.0500	0.04706		mg/Kg		94	50 - 150	21	50
Isopropylbenzene			0.0500	0.04270		mg/Kg		85	72 - 129	11	20
4-Isopropyltoluene			0.0500	0.04262		mg/Kg		85	73 - 131	12	20
Methylene Chloride			0.0500	0.04653		mg/Kg		93	72 - 122	6	20
4-Methyl-2-pentanone (MIBK)			0.100	0.1024		mg/Kg		102	81 - 135	3	50

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

Lab Sample ID: LCSD 705-105424/3
Matrix: Solid
Analysis Batch: 105424

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			0.0500	0.04782		mg/Kg		96	80 - 122	2	20
m-Xylene & p-Xylene			0.0500	0.04752		mg/Kg		95	79 - 123	10	30
Naphthalene			0.0500	0.04817		mg/Kg		96	66 - 128	12	30
n-Butylbenzene			0.0500	0.04304		mg/Kg		86	73 - 132	12	20
n-Heptane			0.0500	0.04311		mg/Kg		86	25 - 150	16	50
N-Propylbenzene			0.0500	0.04195		mg/Kg		84	74 - 127	11	20
o-Xylene			0.0500	0.04779		mg/Kg		96	78 - 122	8	30
sec-Butylbenzene			0.0500	0.04174		mg/Kg		83	72 - 131	12	20
Styrene			0.0500	0.04754		mg/Kg		95	79 - 128	8	20
tert-Butylbenzene			0.0500	0.04216		mg/Kg		84	73 - 128	13	20
1,1,1,2-Tetrachloroethane			0.0500	0.04578		mg/Kg		92	78 - 124	9	20
1,1,2,2-Tetrachloroethane			0.0500	0.04328		mg/Kg		87	73 - 121	9	20
Tetrachloroethene			0.0500	0.04416		mg/Kg		88	74 - 121	8	20
Toluene			0.0500	0.04665		mg/Kg		93	77 - 123	5	30
trans-1,4-Dichloro-2-butene			0.0500	0.05272		mg/Kg		105	50 - 150	2	50
trans-1,2-Dichloroethene			0.0500	0.05029		mg/Kg		101	76 - 124	4	20
trans-1,3-Dichloropropene			0.0500	0.04939		mg/Kg		99	70 - 131	4	20
1,2,3-Trichlorobenzene			0.0500	0.04255		mg/Kg		85	70 - 128	12	20
1,2,4-Trichlorobenzene			0.0500	0.04340		mg/Kg		87	69 - 130	10	20
1,1,1-Trichloroethane			0.0500	0.04453		mg/Kg		89	73 - 126	8	20
1,1,2-Trichloroethane			0.0500	0.04688		mg/Kg		94	77 - 124	3	20
Trichloroethene			0.0500	0.04625		mg/Kg		93	79 - 121	5	30
Trichlorofluoromethane			0.0500	0.04229		mg/Kg		85	77 - 128	8	50
1,2,3-Trichloropropane			0.0500	0.04583		mg/Kg		92	68 - 125	13	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04206		mg/Kg		84	80 - 121	8	50
1,2,4-Trimethylbenzene			0.0500	0.04354		mg/Kg		87	75 - 125	12	20
1,3,5-Trimethylbenzene			0.0500	0.04305		mg/Kg		86	74 - 128	11	20
Vinyl acetate			0.100	0.09063		mg/Kg		91	50 - 150	3	50
Vinyl chloride			0.0500	0.03852		mg/Kg		77	68 - 130	3	20
Xylenes, Total			0.100	0.09531		mg/Kg		95	79 - 122	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 127*
Dibromofluoromethane	*91*		*80 - 119*
Toluene-d8 (Surr)	*100*		*71 - 129*

Lab Sample ID: MB 705-105450/7
Matrix: Water
Analysis Batch: 105450

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/02/26 10:21	1
Benzene	ND		1.00	0.200	ug/L			01/02/26 10:21	1
Bromobenzene	ND		1.00	0.222	ug/L			01/02/26 10:21	1
Bromoform	ND		1.00	0.458	ug/L			01/02/26 10:21	1
Bromomethane	ND		1.00	0.470	ug/L			01/02/26 10:21	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/02/26 10:21	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/02/26 10:21	1

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

Lab Sample ID: MB 705-105450/7
Matrix: Water
Analysis Batch: 105450

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/02/26 10:21	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/02/26 10:21	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/02/26 10:21	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/02/26 10:21	1
Chloroethane	ND		1.00	0.374	ug/L			01/02/26 10:21	1
Chloroform	ND		1.00	0.216	ug/L			01/02/26 10:21	1
Chloromethane	ND		1.00	0.371	ug/L			01/02/26 10:21	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/02/26 10:21	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/02/26 10:21	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/02/26 10:21	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/02/26 10:21	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/02/26 10:21	1
Dibromomethane	ND		1.00	0.318	ug/L			01/02/26 10:21	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/02/26 10:21	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/02/26 10:21	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/02/26 10:21	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/02/26 10:21	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/02/26 10:21	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/02/26 10:21	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/02/26 10:21	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/02/26 10:21	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/02/26 10:21	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/02/26 10:21	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/02/26 10:21	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/02/26 10:21	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/02/26 10:21	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/02/26 10:21	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/02/26 10:21	1
Hexane	ND		10.0	3.63	ug/L			01/02/26 10:21	1
2-Hexanone	ND		10.0	3.47	ug/L			01/02/26 10:21	1
Iodomethane	ND		2.00	0.403	ug/L			01/02/26 10:21	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/02/26 10:21	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/02/26 10:21	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/02/26 10:21	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/02/26 10:21	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/02/26 10:21	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/02/26 10:21	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/02/26 10:21	1
Naphthalene	ND		2.00	1.56	ug/L			01/02/26 10:21	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/02/26 10:21	1
n-Heptane	ND		10.0	3.05	ug/L			01/02/26 10:21	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/02/26 10:21	1
o-Xylene	ND		1.00	0.270	ug/L			01/02/26 10:21	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/02/26 10:21	1
Styrene	ND		1.00	0.194	ug/L			01/02/26 10:21	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/02/26 10:21	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/02/26 10:21	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/02/26 10:21	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/02/26 10:21	1

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

Lab Sample ID: MB 705-105450/7
Matrix: Water
Analysis Batch: 105450

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.00	0.197	ug/L			01/02/26 10:21	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/02/26 10:21	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/02/26 10:21	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/02/26 10:21	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/02/26 10:21	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/02/26 10:21	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/02/26 10:21	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/02/26 10:21	1
Trichloroethene	ND		1.00	0.211	ug/L			01/02/26 10:21	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/02/26 10:21	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/02/26 10:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/02/26 10:21	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/02/26 10:21	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/02/26 10:21	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/02/26 10:21	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/02/26 10:21	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/02/26 10:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/02/26 10:21*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*01/02/26 10:21*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*01/02/26 10:21*	*1*

Lab Sample ID: LCS 705-105450/1001
Matrix: Water
Analysis Batch: 105450

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	38.00		ug/L		95	25 - 150		
Isopropyl ether			20.0	19.66		ug/L		98	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: LCS 705-105450/1002
Matrix: Water
Analysis Batch: 105450

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	40.40		ug/L		101	62 - 136		
Benzene			20.0	19.78		ug/L		99	76 - 122		
Bromobenzene			20.0	20.70		ug/L		104	77 - 125		
Bromoform			20.0	19.27		ug/L		96	65 - 129		
Bromomethane			20.0	17.26		ug/L		86	60 - 138		
2-Butanone (MEK)			40.0	45.84		ug/L		115	74 - 131		
Carbon disulfide			20.0	19.14		ug/L		96	71 - 122		

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

Lab Sample ID: LCS 705-105450/1002
Matrix: Water
Analysis Batch: 105450

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	20.0	19.72		ug/L		99	72 - 131
Chlorobenzene	20.0	19.82		ug/L		99	75 - 121
Chlorobromomethane	20.0	20.31		ug/L		102	77 - 120
Chlorodibromomethane	20.0	20.55		ug/L		103	70 - 131
Chloroethane	20.0	19.88		ug/L		99	55 - 138
Chloroform	20.0	19.73		ug/L		99	73 - 121
Chloromethane	20.0	18.47		ug/L		92	57 - 129
2-Chlorotoluene	20.0	20.65		ug/L		103	75 - 123
4-Chlorotoluene	20.0	20.59		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	20.34		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	20.89		ug/L		104	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.22		ug/L		96	64 - 125
Dibromomethane	20.0	20.16		ug/L		101	70 - 130
1,2-Dichlorobenzene	20.0	20.96		ug/L		105	69 - 127
1,3-Dichlorobenzene	20.0	20.46		ug/L		102	68 - 128
1,4-Dichlorobenzene	20.0	20.36		ug/L		102	68 - 126
Dichlorobromomethane	20.0	19.96		ug/L		100	70 - 124
1,1-Dichloroethane	20.0	19.51		ug/L		98	65 - 126
1,2-Dichloroethane	20.0	20.38		ug/L		102	72 - 127
1,1-Dichloroethene	20.0	18.90		ug/L		95	69 - 130
1,2-Dichloropropane	20.0	19.61		ug/L		98	71 - 121
1,3-Dichloropropane	20.0	20.29		ug/L		101	76 - 125
2,2-Dichloropropane	20.0	22.19		ug/L		111	71 - 131
1,1-Dichloropropene	20.0	20.57		ug/L		103	74 - 129
Ethylbenzene	20.0	19.02		ug/L		95	75 - 127
Ethylene Dibromide	20.0	20.06		ug/L		100	68 - 133
Hexachlorobutadiene	20.0	20.92		ug/L		105	65 - 137
Hexane	20.0	22.61		ug/L		113	25 - 150
2-Hexanone	40.0	42.52		ug/L		106	70 - 130
Iodomethane	20.0	19.02		ug/L		95	50 - 150
Isopropylbenzene	20.0	17.42		ug/L		87	76 - 125
4-Isopropyltoluene	20.0	20.99		ug/L		105	78 - 126
Methylene Chloride	20.0	18.83		ug/L		94	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	37.32		ug/L		93	76 - 122
Methyl tert-butyl ether	20.0	20.35		ug/L		102	76 - 123
m-Xylene & p-Xylene	20.0	20.90		ug/L		105	76 - 128
Naphthalene	20.0	17.48		ug/L		87	67 - 129
n-Butylbenzene	20.0	17.98		ug/L		90	71 - 131
n-Heptane	20.0	22.56		ug/L		113	25 - 150
N-Propylbenzene	20.0	19.89		ug/L		99	75 - 127
o-Xylene	20.0	17.44		ug/L		87	78 - 124
sec-Butylbenzene	20.0	21.45		ug/L		107	74 - 127
Styrene	20.0	20.77		ug/L		104	71 - 129
tert-Butylbenzene	20.0	22.86		ug/L		114	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.77		ug/L		114	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.98		ug/L		100	73 - 127
Tetrachloroethene	20.0	20.01		ug/L		100	74 - 129
Toluene	20.0	19.18		ug/L		96	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.97		ug/L		100	50 - 150

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

Lab Sample ID: LCS 705-105450/1002
Matrix: Water
Analysis Batch: 105450

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	20.0	20.35		ug/L		102	74 - 124
trans-1,3-Dichloropropene	20.0	20.12		ug/L		101	59 - 135
1,2,3-Trichlorobenzene	20.0	18.94		ug/L		95	65 - 130
1,2,4-Trichlorobenzene	20.0	17.73		ug/L		89	65 - 131
1,1,1-Trichloroethane	20.0	19.09		ug/L		95	71 - 124
1,1,2-Trichloroethane	20.0	19.86		ug/L		99	69 - 127
Trichloroethene	20.0	19.89		ug/L		99	72 - 129
Trichlorofluoromethane	20.0	20.21		ug/L		101	63 - 142
1,2,3-Trichloropropane	20.0	18.95		ug/L		95	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.06		ug/L		100	74 - 122
1,2,4-Trimethylbenzene	20.0	22.39		ug/L		112	80 - 123
1,3,5-Trimethylbenzene	20.0	21.52		ug/L		108	79 - 124
Vinyl acetate	40.0	46.25		ug/L		116	50 - 150
Vinyl chloride	20.0	18.48		ug/L		92	65 - 132
Xylenes, Total	40.0	38.34		ug/L		96	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 400-735445/2-A
Matrix: Solid
Analysis Batch: 735424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Benzene	ND		0.00500	0.000670	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Bromoform	ND		0.00500	0.00130	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Chloroform	ND		0.00500	0.00136	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		01/02/26 09:46	01/02/26 11:24	1

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

Lab Sample ID: MB 400-735445/2-A
Matrix: Solid
Analysis Batch: 735424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Hexane	ND		0.00500	0.00260	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Styrene	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Toluene	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		01/02/26 09:46	01/02/26 11:24	1

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

Lab Sample ID: MB 400-735445/2-A
Matrix: Solid
Analysis Batch: 735424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		01/02/26 09:46	01/02/26 11:24	1
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		01/02/26 09:46	01/02/26 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*50 - 150*	*01/02/26 09:46*	*01/02/26 11:24*	*1*
Dibromofluoromethane	*96*		*50 - 150*	*01/02/26 09:46*	*01/02/26 11:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*50 - 150*	*01/02/26 09:46*	*01/02/26 11:24*	*1*
Toluene-d8 (Surr)	*108*		*50 - 150*	*01/02/26 09:46*	*01/02/26 11:24*	*1*

Lab Sample ID: LCS 400-735445/1-A
Matrix: Solid
Analysis Batch: 735424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2506		mg/Kg		125	48 - 150
Benzene	0.0500	0.04171		mg/Kg		83	65 - 130
Bromobenzene	0.0500	0.04339		mg/Kg		87	65 - 130
Bromoform	0.0500	0.03641		mg/Kg		73	52 - 136
Bromomethane	0.0500	0.04572		mg/Kg		91	12 - 150
2-Butanone (MEK)	0.200	0.1853		mg/Kg		93	55 - 130
Carbon disulfide	0.0500	0.03594		mg/Kg		72	46 - 141
Carbon tetrachloride	0.0500	0.04226		mg/Kg		85	60 - 130
Chlorobenzene	0.0500	0.04514		mg/Kg		90	70 - 130
Chlorobromomethane	0.0500	0.04047		mg/Kg		81	65 - 130
Chlorodibromomethane	0.0500	0.04489		mg/Kg		90	58 - 132
Chloroethane	0.0500	0.04889		mg/Kg		98	55 - 134
Chloroform	0.0500	0.04086		mg/Kg		82	62 - 130
Chloromethane	0.0500	0.06340		mg/Kg		127	49 - 136
2-Chlorotoluene	0.0500	0.03738		mg/Kg		75	67 - 130
4-Chlorotoluene	0.0500	0.04060		mg/Kg		81	66 - 130
cis-1,2-Dichloroethene	0.0500	0.04960		mg/Kg		99	53 - 135
cis-1,3-Dichloropropene	0.0500	0.04076		mg/Kg		82	61 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.04311		mg/Kg		86	49 - 130
Dibromomethane	0.0500	0.03895		mg/Kg		78	65 - 130
1,2-Dichlorobenzene	0.0500	0.04844		mg/Kg		97	64 - 130
1,3-Dichlorobenzene	0.0500	0.04630		mg/Kg		93	66 - 130
1,4-Dichlorobenzene	0.0500	0.04534		mg/Kg		91	65 - 130
Dichlorobromomethane	0.0500	0.04015		mg/Kg		80	61 - 130
1,1-Dichloroethane	0.0500	0.04175		mg/Kg		83	59 - 130
1,2-Dichloroethane	0.0500	0.04019		mg/Kg		80	62 - 130
1,1-Dichloroethene	0.0500	0.04454		mg/Kg		89	55 - 137
1,2-Dichloropropane	0.0500	0.04319		mg/Kg		86	64 - 130
1,3-Dichloropropane	0.0500	0.04527		mg/Kg		91	67 - 130
2,2-Dichloropropane	0.0500	0.04067		mg/Kg		81	51 - 132
1,1-Dichloropropene	0.0500	0.04175		mg/Kg		84	65 - 130
Ethyl acetate	0.100	0.07866		mg/Kg		79	21 - 150
Ethylbenzene	0.0500	0.04338		mg/Kg		87	70 - 130
Ethylene Dibromide	0.0500	0.04322		mg/Kg		86	67 - 130

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

Lab Sample ID: LCS 400-735445/1-A
Matrix: Solid
Analysis Batch: 735424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	0.0500	0.06060		mg/Kg		121	62 - 133
Hexane	0.0500	0.04300		mg/Kg		86	57 - 132
2-Hexanone	0.200	0.1954		mg/Kg		98	57 - 131
Iodomethane	0.0500	0.02270		mg/Kg		45	12 - 150
Isopropylbenzene	0.0500	0.04365		mg/Kg		87	70 - 130
Isopropyl ether	0.0200	0.02738	*+	mg/Kg		137	62 - 130
4-Isopropyltoluene	0.0500	0.04425		mg/Kg		89	68 - 130
Methylene Chloride	0.0500	0.04442		mg/Kg		89	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1499		mg/Kg		75	58 - 130
Methyl tert-butyl ether	0.0500	0.04893		mg/Kg		98	63 - 130
m-Xylene & p-Xylene	0.0500	0.04252		mg/Kg		85	70 - 130
Naphthalene	0.0500	0.04053		mg/Kg		81	45 - 144
n-Butylbenzene	0.0500	0.04034		mg/Kg		81	66 - 130
n-Heptane	0.0500	0.03831		mg/Kg		77	61 - 130
N-Propylbenzene	0.0500	0.04347		mg/Kg		87	67 - 130
o-Xylene	0.0500	0.04299		mg/Kg		86	70 - 130
sec-Butylbenzene	0.0500	0.04158		mg/Kg		83	67 - 130
Styrene	0.0500	0.04133		mg/Kg		83	68 - 130
tert-Butylbenzene	0.0500	0.04149		mg/Kg		83	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04591		mg/Kg		92	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.03633		mg/Kg		73	60 - 131
Tetrachloroethene	0.0500	0.04677		mg/Kg		94	67 - 130
Toluene	0.0500	0.04587		mg/Kg		92	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.03322		mg/Kg		66	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04214		mg/Kg		84	58 - 134
trans-1,3-Dichloropropene	0.0500	0.04418		mg/Kg		88	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.05897		mg/Kg		118	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05311		mg/Kg		106	56 - 138
1,1,1-Trichloroethane	0.0500	0.04221		mg/Kg		84	63 - 130
1,1,2-Trichloroethane	0.0500	0.04571		mg/Kg		91	65 - 130
Trichloroethene	0.0500	0.04562		mg/Kg		91	65 - 130
Trichlorofluoromethane	0.0500	0.04768		mg/Kg		95	61 - 136
1,2,3-Trichloropropane	0.0500	0.03885		mg/Kg		78	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05996		mg/Kg		120	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04242		mg/Kg		85	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04237		mg/Kg		85	67 - 130
Vinyl acetate	0.100	0.1010		mg/Kg		101	24 - 150
Vinyl chloride	0.0500	0.04718		mg/Kg		94	52 - 132
Xylenes, Total	0.100	0.08551		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*50 - 150*
Dibromofluoromethane	*99*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*94*		*50 - 150*
Toluene-d8 (Surr)	*107*		*50 - 150*

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

Lab Sample ID: MB 400-734557/1-A
Matrix: Solid
Analysis Batch: 734898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Acetophenone	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Anthracene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Atrazine	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Caprolactam	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Carbazole	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Chrysene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		12/22/25 08:45	12/26/25 16:13	1

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

Lab Sample ID: MB 400-734557/1-A
Matrix: Solid
Analysis Batch: 734898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Fluorene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Isophorone	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Naphthalene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Phenol	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1
Pyrene	ND		0.330	0.0330	mg/Kg		12/22/25 08:45	12/26/25 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*125*		*40 - 140*	*12/22/25 08:45*	*12/26/25 16:13*	*1*
2-Fluorobiphenyl (Surr)	*108*		*40 - 140*	*12/22/25 08:45*	*12/26/25 16:13*	*1*
2-Fluorophenol (Surr)	*118*		*40 - 140*	*12/22/25 08:45*	*12/26/25 16:13*	*1*
Nitrobenzene-d5 (Surr)	*113*		*40 - 140*	*12/22/25 08:45*	*12/26/25 16:13*	*1*
Phenol-d5 (Surr)	*113*		*40 - 140*	*12/22/25 08:45*	*12/26/25 16:13*	*1*
Terphenyl-d14 (Surr)	*116*		*40 - 140*	*12/22/25 08:45*	*12/26/25 16:13*	*1*

Lab Sample ID: LCS 400-734557/2-A
Matrix: Solid
Analysis Batch: 734898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.484		mg/Kg		99	19 - 126
2,4,5-Trichlorophenol	1.50	1.598		mg/Kg		107	10 - 150
2,4,6-Trichlorophenol	1.50	1.616		mg/Kg		108	10 - 150
2,4-Dichlorophenol	1.50	1.571		mg/Kg		105	10 - 150
2,4-Dimethylphenol	1.50	0.8160		mg/Kg		54	10 - 141
2,4-Dinitrophenol	3.00	4.713	*+	mg/Kg		157	10 - 150
2,4-Dinitrotoluene	1.50	1.535		mg/Kg		102	31 - 136
2,6-Dinitrotoluene	1.50	1.834		mg/Kg		122	31 - 137
2-Chloronaphthalene	1.50	1.531		mg/Kg		102	20 - 126
2-Chlorophenol	1.50	1.559		mg/Kg		104	10 - 150
2-Methylnaphthalene	1.50	1.543		mg/Kg		103	20 - 150
2-Methylphenol	1.50	1.459		mg/Kg		97	18 - 126
2-Nitroaniline	1.50	1.876		mg/Kg		125	30 - 150
2-Nitrophenol	1.50	2.050		mg/Kg		137	19 - 150
3 & 4 Methylphenol	1.50	1.693		mg/Kg		113	10 - 150
3,3'-Dichlorobenzidine	3.00	2.790		mg/Kg		93	10 - 124
3-Nitroaniline	1.50	1.575		mg/Kg		105	10 - 148

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

Lab Sample ID: LCS 400-734557/2-A
Matrix: Solid
Analysis Batch: 734898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	3.00	4.881	*+	mg/Kg		163	15 - 150
4-Bromophenyl phenyl ether	1.50	1.606		mg/Kg		107	21 - 129
4-Chloro-3-methylphenol	1.50	1.450		mg/Kg		97	16 - 150
4-Chloroaniline	1.50	1.196		mg/Kg		80	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.156		mg/Kg		77	21 - 124
4-Nitroaniline	1.50	1.777		mg/Kg		118	21 - 146
4-Nitrophenol	3.00	2.686		mg/Kg		90	10 - 150
Acenaphthene	1.50	1.469		mg/Kg		98	21 - 150
Acenaphthylene	1.50	1.493		mg/Kg		100	22 - 150
Acetophenone	1.50	1.445		mg/Kg		96	15 - 128
Anthracene	1.50	1.582		mg/Kg		105	28 - 150
Atrazine	1.50	1.935		mg/Kg		129	10 - 150
Benzaldehyde	1.50	1.722		mg/Kg		115	10 - 150
Benzo[a]anthracene	1.50	1.663		mg/Kg		111	32 - 150
Benzo[a]pyrene	1.50	1.555		mg/Kg		104	24 - 150
Benzo[b]fluoranthene	1.50	1.534		mg/Kg		102	17 - 150
Benzo[g,h,i]perylene	1.50	1.455		mg/Kg		97	25 - 150
Benzo[k]fluoranthene	1.50	1.566		mg/Kg		104	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.631		mg/Kg		109	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.611		mg/Kg		107	16 - 132
Bis(2-chloroethyl)ether	1.50	1.567		mg/Kg		104	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.572		mg/Kg		105	12 - 150
Butyl benzyl phthalate	1.50	1.677		mg/Kg		112	24 - 150
Caprolactam	1.50	2.295	*+	mg/Kg		153	10 - 150
Carbazole	1.50	1.695		mg/Kg		113	16 - 150
Chrysene	1.50	1.502		mg/Kg		100	31 - 150
Dibenz(a,h)anthracene	1.50	1.476		mg/Kg		98	26 - 150
Dibenzofuran	1.50	1.487		mg/Kg		99	27 - 123
Diethyl phthalate	1.50	1.392		mg/Kg		93	20 - 150
Dimethyl phthalate	1.50	1.512		mg/Kg		101	21 - 140
Di-n-butyl phthalate	1.50	1.755		mg/Kg		117	10 - 150
Di-n-octyl phthalate	1.50	1.850		mg/Kg		123	23 - 150
Fluoranthene	1.50	1.654		mg/Kg		110	27 - 150
Fluorene	1.50	1.524		mg/Kg		102	21 - 150
Hexachlorobenzene	1.50	1.531		mg/Kg		102	23 - 121
Hexachlorobutadiene	1.50	1.433		mg/Kg		96	15 - 120
Hexachlorocyclopentadiene	1.50	1.411		mg/Kg		94	14 - 132
Hexachloroethane	1.50	1.513		mg/Kg		101	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.477		mg/Kg		98	33 - 150
Isophorone	1.50	1.594		mg/Kg		106	22 - 129
Naphthalene	1.50	1.517		mg/Kg		101	17 - 150
Nitrobenzene	1.50	1.631		mg/Kg		109	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.684		mg/Kg		112	23 - 128
N-Nitrosodiphenylamine	1.49	1.485		mg/Kg		100	21 - 137
Pentachlorophenol	3.00	3.994		mg/Kg		133	10 - 150
Phenanthrene	1.50	1.539		mg/Kg		103	24 - 150
Phenol	1.50	1.629		mg/Kg		109	10 - 150
Pyrene	1.50	1.655		mg/Kg		110	25 - 150

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

Lab Sample ID: LCS 400-734557/2-A
Matrix: Solid
Analysis Batch: 734898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734557

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*134*		*40 - 140*
2-Fluorobiphenyl (Surr)	*96*		*40 - 140*
2-Fluorophenol (Surr)	*107*		*40 - 140*
Nitrobenzene-d5 (Surr)	*106*		*40 - 140*
Phenol-d5 (Surr)	*104*		*40 - 140*
Terphenyl-d14 (Surr)	*103*		*40 - 140*

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

Lab Sample ID: MB 400-734585/1-A
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		12/22/25 10:56	12/24/25 08:55	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*89*		*10 - 150*	*12/22/25 10:56*	*12/24/25 08:55*	*1*

Lab Sample ID: LCS 400-734585/2-A
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734585

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2554		mg/Kg		96	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*80*		*10 - 150*

Lab Sample ID: 752-40519-1 MS
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: 824-SED-1
Prep Type: Total/NA
Prep Batch: 734585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	0.00493		0.298	0.2721		mg/Kg	☼	90	50 - 150		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*80*		*10 - 150*

Lab Sample ID: 752-40519-1 MSD
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: 824-SED-1
Prep Type: Total/NA
Prep Batch: 734585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.00493		0.299	0.2811		mg/Kg	☼	92	50 - 150	3	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*71*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-104309/1-A
Matrix: Solid
Analysis Batch: 104210

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			12/27/25 11:25	1

Lab Sample ID: LCS 705-104309/2-A
Matrix: Solid
Analysis Batch: 104210

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	256.1		mg/Kg		102	90 - 110

Lab Sample ID: 752-40519-1 MS
Matrix: Solid
Analysis Batch: 104210

Client Sample ID: 824-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	32.5		281	304.0		mg/Kg	☼	97	80 - 120

Lab Sample ID: 752-40519-1 MSD
Matrix: Solid
Analysis Batch: 104210

Client Sample ID: 824-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	32.5		281	302.6		mg/Kg	☼	96	80 - 120	0	15

Lab Sample ID: MB 705-104309/1-A
Matrix: Solid
Analysis Batch: 104211

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			12/27/25 11:25	1

Lab Sample ID: LCS 705-104309/2-A
Matrix: Solid
Analysis Batch: 104211

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	54.29		mg/Kg		109	90 - 110

Lab Sample ID: 752-40519-1 MS
Matrix: Solid
Analysis Batch: 104211

Client Sample ID: 824-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	1.02	J	56.2	58.64		mg/Kg	☼	103	80 - 120

Lab Sample ID: 752-40519-1 MSD
Matrix: Solid
Analysis Batch: 104211

Client Sample ID: 824-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	1.02	J	56.2	58.86		mg/Kg	☼	103	80 - 120	0	15

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-105575/1-A
Matrix: Solid
Analysis Batch: 105590

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			01/02/26 13:58	1

Lab Sample ID: LCS 705-105575/2-A
Matrix: Solid
Analysis Batch: 105590

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			250	261.4		mg/Kg		105	90 - 110		

Lab Sample ID: 752-40519-2 MS
Matrix: Solid
Analysis Batch: 105590

Client Sample ID: 824-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	ND		313	312.6		mg/Kg	☼	100	80 - 120		

Lab Sample ID: 752-40519-2 MSD
Matrix: Solid
Analysis Batch: 105590

Client Sample ID: 824-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	ND		313	306.1		mg/Kg	☼	98	80 - 120	2	15

Lab Sample ID: MB 705-105575/1-A
Matrix: Solid
Analysis Batch: 105591

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			01/02/26 13:58	1

Lab Sample ID: LCS 705-105575/2-A
Matrix: Solid
Analysis Batch: 105591

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	52.98		mg/Kg		106	90 - 110		

Lab Sample ID: 752-40519-2 MS
Matrix: Solid
Analysis Batch: 105591

Client Sample ID: 824-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	1.26	J	62.7	65.56		mg/Kg	☼	103	80 - 120		

Lab Sample ID: 752-40519-2 MSD
Matrix: Solid
Analysis Batch: 105591

Client Sample ID: 824-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	1.26	J	62.7	64.64		mg/Kg	☼	101	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-103438/1-A
Matrix: Solid
Analysis Batch: 103636

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 103438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Arsenic	ND		0.600	0.0535	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Barium	0.08772	J	2.50	0.0142	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Beryllium	ND		0.500	0.0351	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Cadmium	ND		0.500	0.0163	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Chromium	ND		1.00	0.206	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Cobalt	ND		0.750	0.0283	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Copper	0.1475	J	0.500	0.0520	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Lead	ND		0.500	0.0590	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Manganese	ND		1.00	0.0615	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Nickel	0.1827	J	1.00	0.0262	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Selenium	ND		2.50	0.178	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Silver	0.01719	J	0.250	0.00290	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Thallium	0.07544	J	0.700	0.0422	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Vanadium	ND		1.00	0.126	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Zinc	ND		2.50	2.08	mg/Kg		12/22/25 09:27	12/22/25 14:00	5

Lab Sample ID: LCS 705-103438/2-A
Matrix: Solid
Analysis Batch: 103636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 103438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.64		mg/Kg		106	80 - 120
Arsenic	10.0	9.846		mg/Kg		98	80 - 120
Barium	10.0	10.48		mg/Kg		105	80 - 120
Beryllium	10.0	10.92		mg/Kg		109	80 - 120
Cadmium	10.0	10.03		mg/Kg		100	80 - 120
Chromium	10.0	11.09		mg/Kg		111	80 - 120
Cobalt	10.0	11.20		mg/Kg		112	80 - 120
Copper	10.0	11.51		mg/Kg		115	80 - 120
Lead	10.0	11.21		mg/Kg		112	80 - 120
Manganese	10.0	10.62		mg/Kg		106	80 - 120
Nickel	10.0	11.49		mg/Kg		115	80 - 120
Selenium	10.0	10.58		mg/Kg		106	80 - 120
Silver	1.00	1.164		mg/Kg		116	80 - 120
Thallium	10.0	11.45		mg/Kg		115	80 - 120
Vanadium	10.0	10.60		mg/Kg		106	80 - 120
Zinc	10.0	10.63		mg/Kg		106	80 - 120

Lab Sample ID: MB 705-104819/1-A
Matrix: Solid
Analysis Batch: 105181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Arsenic	ND		0.600	0.0535	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Barium	ND		2.50	0.0142	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Beryllium	ND		0.500	0.0351	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Cadmium	ND		0.500	0.0163	mg/Kg		12/30/25 09:01	12/30/25 16:11	5

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

Lab Sample ID: MB 705-104819/1-A
Matrix: Solid
Analysis Batch: 105181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.00	0.206	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Cobalt	ND		0.750	0.0283	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Lead	ND		0.500	0.0590	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Manganese	ND		1.00	0.0615	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Nickel	0.05263	J	1.00	0.0262	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Selenium	ND		2.50	0.178	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Silver	0.003315	J	0.250	0.00290	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Thallium	ND		0.700	0.0422	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Vanadium	ND		1.00	0.126	mg/Kg		12/30/25 09:01	12/30/25 16:11	5
Zinc	ND		2.50	2.08	mg/Kg		12/30/25 09:01	12/30/25 16:11	5

Lab Sample ID: MB 705-104819/1-A
Matrix: Solid
Analysis Batch: 105475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.1268	J	0.500	0.0520	mg/Kg		12/30/25 09:01	12/31/25 17:55	5

Lab Sample ID: LCS 705-104819/2-A
Matrix: Solid
Analysis Batch: 105181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.674		mg/Kg		97	80 - 120
Arsenic	10.0	11.52		mg/Kg		115	80 - 120
Barium	10.0	10.08		mg/Kg		101	80 - 120
Beryllium	10.0	9.753		mg/Kg		98	80 - 120
Cadmium	10.0	9.554		mg/Kg		96	80 - 120
Chromium	10.0	10.52		mg/Kg		105	80 - 120
Cobalt	10.0	10.61		mg/Kg		106	80 - 120
Copper	10.0	12.03		mg/Kg		120	80 - 120
Lead	10.0	10.53		mg/Kg		105	80 - 120
Manganese	10.0	10.37		mg/Kg		104	80 - 120
Nickel	10.0	10.02		mg/Kg		100	80 - 120
Selenium	10.0	9.731		mg/Kg		97	80 - 120
Silver	1.00	1.020		mg/Kg		102	80 - 120
Thallium	10.0	10.56		mg/Kg		106	80 - 120
Vanadium	10.0	9.989		mg/Kg		100	80 - 120
Zinc	10.0	10.70		mg/Kg		107	80 - 120

Lab Sample ID: MB 705-105534/1-A
Matrix: Solid
Analysis Batch: 105662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Arsenic	ND		0.600	0.0535	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Barium	ND		2.50	0.0142	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Beryllium	ND		0.500	0.0351	mg/Kg		01/02/26 12:22	01/02/26 19:36	5

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

Lab Sample ID: MB 705-105534/1-A
Matrix: Solid
Analysis Batch: 105662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.500	0.0163	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Chromium	ND		1.00	0.206	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Cobalt	ND		0.750	0.0283	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Copper	ND		0.500	0.0520	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Lead	ND		0.500	0.0590	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Manganese	ND		1.00	0.0615	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Nickel	0.02675	J	1.00	0.0262	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Selenium	ND		2.50	0.178	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Silver	0.006000	J	0.250	0.00290	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Thallium	ND		0.700	0.0422	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Vanadium	ND		1.00	0.126	mg/Kg		01/02/26 12:22	01/02/26 19:36	5
Zinc	ND		2.50	2.08	mg/Kg		01/02/26 12:22	01/02/26 19:36	5

Lab Sample ID: LCS 705-105534/2-A
Matrix: Solid
Analysis Batch: 105662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.812		mg/Kg		98	80 - 120
Arsenic	10.0	9.433		mg/Kg		94	80 - 120
Barium	10.0	9.550		mg/Kg		96	80 - 120
Beryllium	10.0	8.985		mg/Kg		90	80 - 120
Cadmium	10.0	9.721		mg/Kg		97	80 - 120
Chromium	10.0	9.444		mg/Kg		94	80 - 120
Cobalt	10.0	9.595		mg/Kg		96	80 - 120
Copper	10.0	9.612		mg/Kg		96	80 - 120
Lead	10.0	10.26		mg/Kg		103	80 - 120
Manganese	10.0	9.208		mg/Kg		92	80 - 120
Nickel	10.0	9.760		mg/Kg		98	80 - 120
Selenium	10.0	9.457		mg/Kg		95	80 - 120
Silver	1.00	1.093		mg/Kg		109	80 - 120
Thallium	10.0	10.20		mg/Kg		102	80 - 120
Vanadium	10.0	9.400		mg/Kg		94	80 - 120
Zinc	10.0	9.475		mg/Kg		95	80 - 120

Lab Sample ID: 752-40519-3 MS
Matrix: Solid
Analysis Batch: 105662

Client Sample ID: 824-SED-3
Prep Type: Total/NA
Prep Batch: 105534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.305	J F1	5.41	4.265	F1	mg/Kg	☼	73	75 - 125
Arsenic	1.44		5.41	5.637		mg/Kg	☼	78	75 - 125
Barium	21.1	F1 F2	5.41	38.38	F1	mg/Kg	☼	319	75 - 125
Beryllium	0.0833	J	5.41	4.519		mg/Kg	☼	82	75 - 125
Cadmium	0.0843	J	5.41	5.016		mg/Kg	☼	91	75 - 125
Chromium	19.4	F1	5.41	10.36	F1	mg/Kg	☼	-168	75 - 125
Cobalt	3.73		5.41	8.360		mg/Kg	☼	86	75 - 125
Copper	19.2	F1	5.41	13.57	F1	mg/Kg	☼	-104	75 - 125
Lead	10.6		5.41	15.84		mg/Kg	☼	96	75 - 125

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

Lab Sample ID: 752-40519-3 MS
Matrix: Solid
Analysis Batch: 105662

Client Sample ID: 824-SED-3
Prep Type: Total/NA
Prep Batch: 105534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	107		5.41	86.57	4	mg/Kg	☼	-381	75 - 125
Nickel	10.6	B	5.41	15.90		mg/Kg	☼	99	75 - 125
Selenium	ND		5.41	4.674		mg/Kg	☼	86	75 - 125
Silver	0.0260	J B	0.541	0.5792		mg/Kg	☼	102	75 - 125
Thallium	0.0272	J	5.41	5.627		mg/Kg	☼	103	75 - 125
Vanadium	12.3	F1	5.41	12.57	F1	mg/Kg	☼	4	75 - 125
Zinc	52.1		5.41	54.44	4	mg/Kg	☼	43	75 - 125

Lab Sample ID: 752-40519-3 MSD
Matrix: Solid
Analysis Batch: 105662

Client Sample ID: 824-SED-3
Prep Type: Total/NA
Prep Batch: 105534

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.305	J F1	5.41	4.309	F1	mg/Kg	☼	74	75 - 125	1	20
Arsenic	1.44		5.41	5.845		mg/Kg	☼	81	75 - 125	4	20
Barium	21.1	F1 F2	5.41	19.48	F1 F2	mg/Kg	☼	-30	75 - 125	65	20
Beryllium	0.0833	J	5.41	4.982		mg/Kg	☼	91	75 - 125	10	20
Cadmium	0.0843	J	5.41	5.470		mg/Kg	☼	100	75 - 125	9	20
Chromium	19.4	F1	5.41	11.56	F1	mg/Kg	☼	-146	75 - 125	11	20
Cobalt	3.73		5.41	8.626		mg/Kg	☼	91	75 - 125	3	20
Copper	19.2	F1	5.41	16.46	F1	mg/Kg	☼	-50	75 - 125	19	20
Lead	10.6		5.41	17.01		mg/Kg	☼	118	75 - 125	7	20
Manganese	107		5.41	83.52	4	mg/Kg	☼	-437	75 - 125	4	20
Nickel	10.6	B	5.41	15.44		mg/Kg	☼	90	75 - 125	3	20
Selenium	ND		5.41	5.135		mg/Kg	☼	95	75 - 125	9	20
Silver	0.0260	J B	0.541	0.6060		mg/Kg	☼	107	75 - 125	5	20
Thallium	0.0272	J	5.41	5.668		mg/Kg	☼	104	75 - 125	1	20
Vanadium	12.3	F1	5.41	15.24	F1	mg/Kg	☼	53	75 - 125	19	20
Zinc	52.1		5.41	56.69	4	mg/Kg	☼	84	75 - 125	4	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-104822/1-A
Matrix: Solid
Analysis Batch: 105016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		12/30/25 10:30	12/30/25 13:47	1

Lab Sample ID: LCS 705-104822/2-A
Matrix: Solid
Analysis Batch: 105016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.4744		mg/Kg		119	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: MB 705-105166/1-A
Matrix: Solid
Analysis Batch: 105587

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		01/02/26 09:30	01/02/26 10:40	1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 400-735485/56
Matrix: Solid
Analysis Batch: 735485

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0160	mg/Kg			01/02/26 13:14	1

Lab Sample ID: MB 400-735485/98
Matrix: Solid
Analysis Batch: 735485

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0160	mg/Kg			01/02/26 15:07	1

Lab Sample ID: LCS 400-735485/57
Matrix: Solid
Analysis Batch: 735485

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)	3.00	2.959		mg/Kg		99	90 - 110

Lab Sample ID: LCS 400-735485/99
Matrix: Solid
Analysis Batch: 735485

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)	3.00	2.944		mg/Kg		98	90 - 110

Lab Sample ID: MRL 400-735485/30
Matrix: Solid
Analysis Batch: 735485

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	0.05200		mg/L		104	50 - 150

Lab Sample ID: MB 400-735231/1-A
Matrix: Solid
Analysis Batch: 735485

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.992	0.317	mg/Kg			01/02/26 12:19	1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 400-735231/2-A
Matrix: Solid
Analysis Batch: 735485

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.5	59.72		mg/Kg		100	90 - 110		

Lab Sample ID: 752-40519-C-1-I MS
Matrix: Solid
Analysis Batch: 735485

Client Sample ID: 752-40519-C-1-I MS
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	-0.5545		16.9	15.77		mg/Kg	☼	93	90 - 110		

Lab Sample ID: 752-40519-C-1-J MSD
Matrix: Solid
Analysis Batch: 735485

Client Sample ID: 752-40519-C-1-J MSD
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)	-0.5545		16.9	16.04		mg/Kg	☼	95	90 - 110	2	11

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-735041/1-A
Matrix: Solid
Analysis Batch: 735255

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		12/29/25 10:06	12/30/25 16:13	1

Lab Sample ID: LCS 400-735041/2-A
Matrix: Solid
Analysis Batch: 735255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735041

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.882		mg/Kg		94	85 - 115		

Lab Sample ID: 752-40519-1 MS
Matrix: Solid
Analysis Batch: 735255

Client Sample ID: 824-SED-1
Prep Type: Total/NA
Prep Batch: 735041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND	F2	382	419.5		mg/Kg	☼	110	75 - 125		

Lab Sample ID: 752-40519-1 MSD
Matrix: Solid
Analysis Batch: 735255

Client Sample ID: 824-SED-1
Prep Type: Total/NA
Prep Batch: 735041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND	F2	410	508.1	F2	mg/Kg	☼	124	75 - 125	19	15

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: 752-40519-2 MS
Matrix: Solid
Analysis Batch: 735255

Client Sample ID: 824-SED-2
Prep Type: Total/NA
Prep Batch: 735041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	0.310	J F1	2.42	2.025	F1	mg/Kg	☼	71	75 - 125		

Lab Sample ID: 752-40519-2 MSD
Matrix: Solid
Analysis Batch: 735255

Client Sample ID: 824-SED-2
Prep Type: Total/NA
Prep Batch: 735041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.310	J F1	2.46	1.909	F1	mg/Kg	☼	65	75 - 125	6	15

GC/MS VOA

Analysis Batch: 105106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	8260D	105314
752-40519-4	824-SED-4	Total/NA	Solid	8260D	105314
752-40519-5	824-SED-5	Total/NA	Solid	8260D	105314
752-40519-6	824-SED-6	Total/NA	Solid	8260D	105314
752-40519-7	824-SED-7	Total/NA	Solid	8260D	105314
752-40519-8	824-SED-8	Total/NA	Solid	8260D	105314
752-40519-9	824-SED-Dup	Total/NA	Solid	8260D	105314
MB 705-105106/7	Method Blank	Total/NA	Solid	8260D	
LCS 705-105106/1002	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-105106/1004	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-105106/3	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-105106/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 105314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	5030B	
752-40519-4	824-SED-4	Total/NA	Solid	5030B	
752-40519-5	824-SED-5	Total/NA	Solid	5030B	
752-40519-6	824-SED-6	Total/NA	Solid	5030B	
752-40519-7	824-SED-7	Total/NA	Solid	5030B	
752-40519-7	824-SED-7	Total/NA	Solid	5030B	
752-40519-8	824-SED-8	Total/NA	Solid	5030B	
752-40519-8	824-SED-8	Total/NA	Solid	5030B	
752-40519-9	824-SED-Dup	Total/NA	Solid	5030B	

Analysis Batch: 105424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-7	824-SED-7	Total/NA	Solid	8260D	105314
752-40519-8	824-SED-8	Total/NA	Solid	8260D	105314
MB 705-105424/7	Method Blank	Total/NA	Solid	8260D	
LCS 705-105424/1002	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-105424/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 105450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-10	Trip Blank	Total/NA	Water	8260D	
MB 705-105450/7	Method Blank	Total/NA	Water	8260D	
LCS 705-105450/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-105450/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 735424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Total/NA	Solid	8260D	735445
752-40519-3	824-SED-3	Total/NA	Solid	8260D	735445
MB 400-735445/2-A	Method Blank	Total/NA	Solid	8260D	735445
LCS 400-735445/1-A	Lab Control Sample	Total/NA	Solid	8260D	735445

Prep Batch: 735445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Total/NA	Solid	5030C	
752-40519-3	824-SED-3	Total/NA	Solid	5030C	

GC/MS VOA (Continued)

Prep Batch: 735445 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-735445/2-A	Method Blank	Total/NA	Solid	5030C	
LCS 400-735445/1-A	Lab Control Sample	Total/NA	Solid	5030C	

GC/MS Semi VOA

Prep Batch: 734557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	3546	
752-40519-2	824-SED-2	Total/NA	Solid	3546	
752-40519-3	824-SED-3	Total/NA	Solid	3546	
752-40519-4	824-SED-4	Total/NA	Solid	3546	
752-40519-5	824-SED-5	Total/NA	Solid	3546	
752-40519-6	824-SED-6	Total/NA	Solid	3546	
752-40519-7	824-SED-7	Total/NA	Solid	3546	
752-40519-7 - DL	824-SED-7	Total/NA	Solid	3546	
752-40519-7 - DL2	824-SED-7	Total/NA	Solid	3546	
752-40519-8	824-SED-8	Total/NA	Solid	3546	
752-40519-9	824-SED-Dup	Total/NA	Solid	3546	
MB 400-734557/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-734557/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 734585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	3546	
752-40519-2	824-SED-2	Total/NA	Solid	3546	
752-40519-3	824-SED-3	Total/NA	Solid	3546	
752-40519-4	824-SED-4	Total/NA	Solid	3546	
752-40519-5	824-SED-5	Total/NA	Solid	3546	
752-40519-6	824-SED-6	Total/NA	Solid	3546	
752-40519-7	824-SED-7	Total/NA	Solid	3546	
752-40519-8	824-SED-8	Total/NA	Solid	3546	
752-40519-9	824-SED-Dup	Total/NA	Solid	3546	
MB 400-734585/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-734585/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-40519-1 MS	824-SED-1	Total/NA	Solid	3546	
752-40519-1 MSD	824-SED-1	Total/NA	Solid	3546	

Analysis Batch: 734834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	8270E SIM ID	734585
752-40519-2	824-SED-2	Total/NA	Solid	8270E SIM ID	734585
752-40519-3	824-SED-3	Total/NA	Solid	8270E SIM ID	734585
752-40519-4	824-SED-4	Total/NA	Solid	8270E SIM ID	734585
752-40519-5	824-SED-5	Total/NA	Solid	8270E SIM ID	734585
752-40519-6	824-SED-6	Total/NA	Solid	8270E SIM ID	734585
752-40519-7	824-SED-7	Total/NA	Solid	8270E SIM ID	734585
752-40519-8	824-SED-8	Total/NA	Solid	8270E SIM ID	734585
752-40519-9	824-SED-Dup	Total/NA	Solid	8270E SIM ID	734585
MB 400-734585/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	734585
LCS 400-734585/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	734585
752-40519-1 MS	824-SED-1	Total/NA	Solid	8270E SIM ID	734585

GC/MS Semi VOA (Continued)

Analysis Batch: 734834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1 MSD	824-SED-1	Total/NA	Solid	8270E SIM ID	734585

Analysis Batch: 734898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	8270E	734557
752-40519-2	824-SED-2	Total/NA	Solid	8270E	734557
752-40519-3	824-SED-3	Total/NA	Solid	8270E	734557
752-40519-4	824-SED-4	Total/NA	Solid	8270E	734557
752-40519-5	824-SED-5	Total/NA	Solid	8270E	734557
752-40519-6	824-SED-6	Total/NA	Solid	8270E	734557
752-40519-7	824-SED-7	Total/NA	Solid	8270E	734557
752-40519-8	824-SED-8	Total/NA	Solid	8270E	734557
752-40519-9	824-SED-Dup	Total/NA	Solid	8270E	734557
MB 400-734557/1-A	Method Blank	Total/NA	Solid	8270E	734557
LCS 400-734557/2-A	Lab Control Sample	Total/NA	Solid	8270E	734557

Analysis Batch: 735063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-7 - DL	824-SED-7	Total/NA	Solid	8270E	734557
752-40519-7 - DL2	824-SED-7	Total/NA	Solid	8270E	734557

HPLC/IC

Analysis Batch: 104210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Soluble	Solid	9056A	104309
752-40519-4	824-SED-4	Soluble	Solid	9056A	104309
752-40519-5	824-SED-5	Soluble	Solid	9056A	104309
752-40519-6	824-SED-6	Soluble	Solid	9056A	104309
752-40519-7	824-SED-7	Soluble	Solid	9056A	104309
752-40519-8	824-SED-8	Soluble	Solid	9056A	104309
752-40519-9	824-SED-Dup	Soluble	Solid	9056A	104309
MB 705-104309/1-A	Method Blank	Soluble	Solid	9056A	104309
LCS 705-104309/2-A	Lab Control Sample	Soluble	Solid	9056A	104309
752-40519-1 MS	824-SED-1	Soluble	Solid	9056A	104309
752-40519-1 MSD	824-SED-1	Soluble	Solid	9056A	104309

Analysis Batch: 104211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Soluble	Solid	9056A	104309
752-40519-4	824-SED-4	Soluble	Solid	9056A	104309
752-40519-5	824-SED-5	Soluble	Solid	9056A	104309
752-40519-6	824-SED-6	Soluble	Solid	9056A	104309
752-40519-7	824-SED-7	Soluble	Solid	9056A	104309
752-40519-8	824-SED-8	Soluble	Solid	9056A	104309
752-40519-9	824-SED-Dup	Soluble	Solid	9056A	104309
MB 705-104309/1-A	Method Blank	Soluble	Solid	9056A	104309
LCS 705-104309/2-A	Lab Control Sample	Soluble	Solid	9056A	104309
752-40519-1 MS	824-SED-1	Soluble	Solid	9056A	104309
752-40519-1 MSD	824-SED-1	Soluble	Solid	9056A	104309

HPLC/IC

Leach Batch: 104309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Soluble	Solid	DI Leach	
752-40519-4	824-SED-4	Soluble	Solid	DI Leach	
752-40519-5	824-SED-5	Soluble	Solid	DI Leach	
752-40519-6	824-SED-6	Soluble	Solid	DI Leach	
752-40519-7	824-SED-7	Soluble	Solid	DI Leach	
752-40519-8	824-SED-8	Soluble	Solid	DI Leach	
752-40519-9	824-SED-Dup	Soluble	Solid	DI Leach	
MB 705-104309/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-104309/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-40519-1 MS	824-SED-1	Soluble	Solid	DI Leach	
752-40519-1 MSD	824-SED-1	Soluble	Solid	DI Leach	

Leach Batch: 105575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Soluble	Solid	DI Leach	
752-40519-3	824-SED-3	Soluble	Solid	DI Leach	
MB 705-105575/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-105575/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-40519-2 MS	824-SED-2	Soluble	Solid	DI Leach	
752-40519-2 MSD	824-SED-2	Soluble	Solid	DI Leach	

Analysis Batch: 105590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Soluble	Solid	9056A	105575
752-40519-3	824-SED-3	Soluble	Solid	9056A	105575
MB 705-105575/1-A	Method Blank	Soluble	Solid	9056A	105575
LCS 705-105575/2-A	Lab Control Sample	Soluble	Solid	9056A	105575
752-40519-2 MS	824-SED-2	Soluble	Solid	9056A	105575
752-40519-2 MSD	824-SED-2	Soluble	Solid	9056A	105575

Analysis Batch: 105591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Soluble	Solid	9056A	105575
752-40519-3	824-SED-3	Soluble	Solid	9056A	105575
MB 705-105575/1-A	Method Blank	Soluble	Solid	9056A	105575
LCS 705-105575/2-A	Lab Control Sample	Soluble	Solid	9056A	105575
752-40519-2 MS	824-SED-2	Soluble	Solid	9056A	105575
752-40519-2 MSD	824-SED-2	Soluble	Solid	9056A	105575

Metals

Prep Batch: 103438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	3050B	
752-40519-4	824-SED-4	Total/NA	Solid	3050B	
752-40519-5	824-SED-5	Total/NA	Solid	3050B	
752-40519-6	824-SED-6	Total/NA	Solid	3050B	
752-40519-9	824-SED-Dup	Total/NA	Solid	3050B	
MB 705-103438/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-103438/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals

Analysis Batch: 103636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	6020B	103438
752-40519-4	824-SED-4	Total/NA	Solid	6020B	103438
752-40519-5	824-SED-5	Total/NA	Solid	6020B	103438
752-40519-6	824-SED-6	Total/NA	Solid	6020B	103438
752-40519-9	824-SED-Dup	Total/NA	Solid	6020B	103438
MB 705-103438/1-A	Method Blank	Total/NA	Solid	6020B	103438
LCS 705-103438/2-A	Lab Control Sample	Total/NA	Solid	6020B	103438

Prep Batch: 104819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-7	824-SED-7	Total/NA	Solid	3050B	
752-40519-8	824-SED-8	Total/NA	Solid	3050B	
MB 705-104819/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-104819/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 104822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	7471B	
752-40519-4	824-SED-4	Total/NA	Solid	7471B	
752-40519-5	824-SED-5	Total/NA	Solid	7471B	
752-40519-6	824-SED-6	Total/NA	Solid	7471B	
752-40519-7	824-SED-7	Total/NA	Solid	7471B	
752-40519-8	824-SED-8	Total/NA	Solid	7471B	
752-40519-9	824-SED-Dup	Total/NA	Solid	7471B	
MB 705-104822/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-104822/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 105016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	7471B	104822
752-40519-4	824-SED-4	Total/NA	Solid	7471B	104822
752-40519-5	824-SED-5	Total/NA	Solid	7471B	104822
752-40519-6	824-SED-6	Total/NA	Solid	7471B	104822
752-40519-7	824-SED-7	Total/NA	Solid	7471B	104822
752-40519-8	824-SED-8	Total/NA	Solid	7471B	104822
752-40519-9	824-SED-Dup	Total/NA	Solid	7471B	104822
MB 705-104822/1-A	Method Blank	Total/NA	Solid	7471B	104822
LCS 705-104822/2-A	Lab Control Sample	Total/NA	Solid	7471B	104822

Prep Batch: 105166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Total/NA	Solid	7471B	
752-40519-3	824-SED-3	Total/NA	Solid	7471B	
MB 705-105166/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 105181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-7	824-SED-7	Total/NA	Solid	6020B	104819
752-40519-8	824-SED-8	Total/NA	Solid	6020B	104819
MB 705-104819/1-A	Method Blank	Total/NA	Solid	6020B	104819
LCS 705-104819/2-A	Lab Control Sample	Total/NA	Solid	6020B	104819

QC Association Summary

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

Job ID: 752-40519-1

Metals

Analysis Batch: 105475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-7	824-SED-7	Total/NA	Solid	6020B	104819
752-40519-8	824-SED-8	Total/NA	Solid	6020B	104819
MB 705-104819/1-A	Method Blank	Total/NA	Solid	6020B	104819

Prep Batch: 105534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Total/NA	Solid	3050B	
752-40519-3	824-SED-3	Total/NA	Solid	3050B	
MB 705-105534/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-105534/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-40519-3 MS	824-SED-3	Total/NA	Solid	3050B	
752-40519-3 MSD	824-SED-3	Total/NA	Solid	3050B	

Analysis Batch: 105587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-105166/1-A	Method Blank	Total/NA	Solid	7471B	105166

Analysis Batch: 105662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Total/NA	Solid	6020B	105534
752-40519-3	824-SED-3	Total/NA	Solid	6020B	105534
MB 705-105534/1-A	Method Blank	Total/NA	Solid	6020B	105534
LCS 705-105534/2-A	Lab Control Sample	Total/NA	Solid	6020B	105534
752-40519-3 MS	824-SED-3	Total/NA	Solid	6020B	105534
752-40519-3 MSD	824-SED-3	Total/NA	Solid	6020B	105534

Analysis Batch: 105710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-5	824-SED-5	Total/NA	Solid	6020B	103438
752-40519-9	824-SED-Dup	Total/NA	Solid	6020B	103438

Analysis Batch: 105823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-2	824-SED-2	Total/NA	Solid	7471B	105166
752-40519-3	824-SED-3	Total/NA	Solid	7471B	105166

General Chemistry

Analysis Batch: 734802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	Moisture	
752-40519-2	824-SED-2	Total/NA	Solid	Moisture	
752-40519-3	824-SED-3	Total/NA	Solid	Moisture	
752-40519-4	824-SED-4	Total/NA	Solid	Moisture	
752-40519-5	824-SED-5	Total/NA	Solid	Moisture	
752-40519-6	824-SED-6	Total/NA	Solid	Moisture	
752-40519-7	824-SED-7	Total/NA	Solid	Moisture	
752-40519-8	824-SED-8	Total/NA	Solid	Moisture	
752-40519-9	824-SED-Dup	Total/NA	Solid	Moisture	

General Chemistry

Prep Batch: 735041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	3060A	
752-40519-2	824-SED-2	Total/NA	Solid	3060A	
752-40519-3	824-SED-3	Total/NA	Solid	3060A	
752-40519-4	824-SED-4	Total/NA	Solid	3060A	
752-40519-5	824-SED-5	Total/NA	Solid	3060A	
752-40519-6	824-SED-6	Total/NA	Solid	3060A	
752-40519-7	824-SED-7	Total/NA	Solid	3060A	
752-40519-8	824-SED-8	Total/NA	Solid	3060A	
752-40519-9	824-SED-Dup	Total/NA	Solid	3060A	
MB 400-735041/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-735041/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-40519-1 MS	824-SED-1	Total/NA	Solid	3060A	
752-40519-1 MSD	824-SED-1	Total/NA	Solid	3060A	
752-40519-2 MS	824-SED-2	Total/NA	Solid	3060A	
752-40519-2 MSD	824-SED-2	Total/NA	Solid	3060A	

Leach Batch: 735231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Soluble	Solid	DI Leach	
752-40519-2	824-SED-2	Soluble	Solid	DI Leach	
752-40519-3	824-SED-3	Soluble	Solid	DI Leach	
752-40519-4	824-SED-4	Soluble	Solid	DI Leach	
752-40519-5	824-SED-5	Soluble	Solid	DI Leach	
752-40519-6	824-SED-6	Soluble	Solid	DI Leach	
752-40519-7	824-SED-7	Soluble	Solid	DI Leach	
752-40519-8	824-SED-8	Soluble	Solid	DI Leach	
752-40519-9	824-SED-Dup	Soluble	Solid	DI Leach	
MB 400-735231/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-735231/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-40519-C-1-I MS	752-40519-C-1-I MS	Soluble	Solid	DI Leach	
752-40519-C-1-J MSD	752-40519-C-1-J MSD	Soluble	Solid	DI Leach	

Analysis Batch: 735255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Total/NA	Solid	7199	735041
752-40519-2	824-SED-2	Total/NA	Solid	7199	735041
752-40519-3	824-SED-3	Total/NA	Solid	7199	735041
752-40519-4	824-SED-4	Total/NA	Solid	7199	735041
752-40519-5	824-SED-5	Total/NA	Solid	7199	735041
752-40519-6	824-SED-6	Total/NA	Solid	7199	735041
752-40519-7	824-SED-7	Total/NA	Solid	7199	735041
752-40519-8	824-SED-8	Total/NA	Solid	7199	735041
752-40519-9	824-SED-Dup	Total/NA	Solid	7199	735041
MB 400-735041/1-A	Method Blank	Total/NA	Solid	7199	735041
LCS 400-735041/2-A	Lab Control Sample	Total/NA	Solid	7199	735041
752-40519-1 MS	824-SED-1	Total/NA	Solid	7199	735041
752-40519-1 MSD	824-SED-1	Total/NA	Solid	7199	735041
752-40519-2 MS	824-SED-2	Total/NA	Solid	7199	735041
752-40519-2 MSD	824-SED-2	Total/NA	Solid	7199	735041

QC Association Summary

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

Job ID: 752-40519-1

General Chemistry

Analysis Batch: 735485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40519-1	824-SED-1	Soluble	Solid	350.1	735231
752-40519-2	824-SED-2	Soluble	Solid	350.1	735231
752-40519-3	824-SED-3	Soluble	Solid	350.1	735231
752-40519-4	824-SED-4	Soluble	Solid	350.1	735231
752-40519-5	824-SED-5	Soluble	Solid	350.1	735231
752-40519-6	824-SED-6	Soluble	Solid	350.1	735231
752-40519-7	824-SED-7	Soluble	Solid	350.1	735231
752-40519-8	824-SED-8	Soluble	Solid	350.1	735231
752-40519-9	824-SED-Dup	Soluble	Solid	350.1	735231
MB 400-735231/1-A	Method Blank	Soluble	Solid	350.1	735231
MB 400-735485/56	Method Blank	Total/NA	Solid	350.1	
MB 400-735485/98	Method Blank	Total/NA	Solid	350.1	
LCS 400-735231/2-A	Lab Control Sample	Soluble	Solid	350.1	735231
LCS 400-735485/57	Lab Control Sample	Total/NA	Solid	350.1	
LCS 400-735485/99	Lab Control Sample	Total/NA	Solid	350.1	
MRL 400-735485/30	Lab Control Sample	Total/NA	Solid	350.1	
752-40519-C-1-I MS	752-40519-C-1-I MS	Soluble	Solid	350.1	735231
752-40519-C-1-J MSD	752-40519-C-1-J MSD	Soluble	Solid	350.1	735231

Lab Chronicle

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-1
Date Collected: 12/19/25 11:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-1
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 16:16
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/26/25 22:51
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 10:19
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 12:00
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 12:00
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:13
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:30
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:23
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 16:39

Client Sample ID: 824-SED-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-2
Date Collected: 12/19/25 11:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-2
Matrix: Solid
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			735445	BPO	EET PEN	01/02/26 09:46
Total/NA	Analysis	8260D		1	735424	BPO	EET PEN	01/02/26 12:30
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/26/25 23:22
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 10:40

Client Sample ID: 824-SED-2

Lab Sample ID: 752-40519-2

Date Collected: 12/19/25 11:00

Matrix: Solid

Date Received: 12/19/25 14:20

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			105575	MS	EET ATL	01/02/26 12:52
Soluble	Analysis	9056A		1	105590	MS	EET ATL 2	01/02/26 14:21
Soluble	Leach	DI Leach			105575	MS	EET ATL	01/02/26 12:52
Soluble	Analysis	9056A		1	105591	MS	EET ATL 2	01/02/26 14:21
Total/NA	Prep	3050B			105534	SA	EET ATL	01/02/26 12:22
Total/NA	Analysis	6020B		5	105662	TT	EET ATL	01/02/26 19:52
Total/NA	Prep	7471B			105166	GR	EET ATL	01/02/26 16:24
Total/NA	Analysis	7471B		1	105823	TA	EET ATL	01/02/26 17:58
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:31
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 17:16

Client Sample ID: 824-SED-3

Lab Sample ID: 752-40519-3

Date Collected: 12/19/25 10:45

Matrix: Solid

Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-3

Lab Sample ID: 752-40519-3

Date Collected: 12/19/25 10:45

Matrix: Solid

Date Received: 12/19/25 14:20

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			735445	BPO	EET PEN	01/02/26 09:46
Total/NA	Analysis	8260D		1	735424	BPO	EET PEN	01/02/26 12:52
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/26/25 23:52
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 11:02
Soluble	Leach	DI Leach			105575	MS	EET ATL	01/02/26 12:52
Soluble	Analysis	9056A		1	105590	MS	EET ATL 2	01/02/26 14:55
Soluble	Leach	DI Leach			105575	MS	EET ATL	01/02/26 12:52
Soluble	Analysis	9056A		1	105591	MS	EET ATL 2	01/02/26 14:55
Total/NA	Prep	3050B			105534	SA	EET ATL	01/02/26 12:22
Total/NA	Analysis	6020B		5	105662	TT	EET ATL	01/02/26 19:42
Total/NA	Prep	7471B			105166	GR	EET ATL	01/02/26 16:24
Total/NA	Analysis	7471B		1	105823	TA	EET ATL	01/02/26 18:01
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:34
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 17:54

Lab Chronicle

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-4
Date Collected: 12/19/25 10:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-4
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 16:39
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/27/25 00:22
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 11:23
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 12:50
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 12:50
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:39
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:33
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:37
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 18:07

Client Sample ID: 824-SED-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 17:03
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/27/25 00:53
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 11:44

Lab Chronicle

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-5
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-5
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 13:01
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 13:01
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	105710	TT	EET ATL	01/03/26 15:24
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:42
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:37
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:39
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 18:45

Client Sample ID: 824-SED-6
Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-6
Date Collected: 12/19/25 09:30
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-6
Matrix: Solid
Percent Solids: 54.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 17:27
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/27/25 01:23
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 12:05
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 13:13
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 13:13
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:45
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:40
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:42
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 18:58

Lab Chronicle

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-7
Date Collected: 12/19/25 09:15
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-7
Matrix: Solid
Percent Solids: 73.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 18:15
Total/NA	Prep	5030B			105314	MDM	EET ATL	01/02/26 16:22
Total/NA	Analysis	8260D		1	105424	ZHZ	EET ATL	01/02/26 16:41
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/27/25 01:53
Total/NA	Prep	3546	DL		734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E	DL	20	735063	JAW	EET PEN	12/30/25 02:17
Total/NA	Prep	3546	DL2		734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E	DL2	100	735063	JAW	EET PEN	12/30/25 02:47
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 12:26
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 13:38
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 13:38
Total/NA	Prep	3050B			104819	BR	EET ATL	12/30/25 09:01
Total/NA	Analysis	6020B		5	105181	IF	EET ATL	12/30/25 17:08
Total/NA	Prep	3050B			104819	BR	EET ATL	12/30/25 09:01
Total/NA	Analysis	6020B		5	105475	IF	EET ATL	12/31/25 18:31
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:43
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:45
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 19:10

Client Sample ID: 824-SED-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Lab Chronicle

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-8
Date Collected: 12/19/25 09:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-8
Matrix: Solid
Percent Solids: 66.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 18:39
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105424	ZHZ	EET ATL	01/02/26 15:54
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/27/25 02:23
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 12:47
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 14:12
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 14:12
Total/NA	Prep	3050B			104819	BR	EET ATL	12/30/25 09:01
Total/NA	Analysis	6020B		5	105181	IF	EET ATL	12/30/25 17:11
Total/NA	Prep	3050B			104819	BR	EET ATL	12/30/25 09:01
Total/NA	Analysis	6020B		5	105475	IF	EET ATL	12/31/25 18:34
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:53
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 12:59
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 19:23

Client Sample ID: 824-SED-Dup
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734802	TMP	EET PEN	12/23/25 14:27

Client Sample ID: 824-SED-Dup
Date Collected: 12/19/25 10:00
Date Received: 12/19/25 14:20

Lab Sample ID: 752-40519-9
Matrix: Solid
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			105314	MDM	EET ATL	12/31/25 14:53
Total/NA	Analysis	8260D		1	105106	ZHZ	EET ATL	12/31/25 19:03
Total/NA	Prep	3546			734557	EJW	EET PEN	12/22/25 08:45
Total/NA	Analysis	8270E		1	734898	JAW	EET PEN	12/27/25 02:54
Total/NA	Prep	3546			734585	EJW	EET PEN	12/22/25 10:56
Total/NA	Analysis	8270E SIM ID		2	734834	VC1	EET PEN	12/24/25 13:08
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104210	MS	EET ATL 2	12/27/25 14:24
Soluble	Leach	DI Leach			104309	MS	EET ATL	12/26/25 16:45
Soluble	Analysis	9056A		1	104211	MS	EET ATL 2	12/27/25 14:24

Lab Chronicle

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

Job ID: 752-40519-1

Client Sample ID: 824-SED-Dup

Lab Sample ID: 752-40519-9

Date Collected: 12/19/25 10:00
Matrix: Solid
Date Received: 12/19/25 14:20
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	105710	TT	EET ATL	01/03/26 15:27
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:51
Total/NA	Prep	7471B			104822	GR	EET ATL	12/30/25 10:30
Total/NA	Analysis	7471B		1	105016	GR	EET ATL	12/30/25 14:56
Soluble	Leach	DI Leach			735231	CAC	EET PEN	12/30/25 12:29
Soluble	Analysis	350.1		1	735485	CAC	EET PEN	01/02/26 13:01
Total/NA	Prep	3060A			735041	AC	EET PEN	12/29/25 10:06
Total/NA	Analysis	7199		1	735255	AR	EET PEN	12/30/25 19:35

Client Sample ID: Trip Blank

Lab Sample ID: 752-40519-10

Date Collected: 12/19/25 00:00
Matrix: Water
Date Received: 12/19/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	105450	CN	EET ATL	01/02/26 11:06

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
Project/Site: Walltown Park

Job ID: 752-40519-1

Laboratory: Eurofins Atlanta

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5030B	Solid	Ethyl acetate
8260D	5030B	Solid	Hexane
8260D	5030B	Solid	Isopropyl ether
8260D	5030B	Solid	n-Heptane

Laboratory: Eurofins Pensacola

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8260D	5030C	Solid	Hexane
8260D	5030C	Solid	n-Heptane
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

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

Job ID: 752-40519-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
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
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
5030C	Purge and Trap	SW846	EET PEN
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: Walltown Park

Job ID: 752-40519-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40519-1	824-SED-1	Solid	12/19/25 11:15	12/19/25 14:20	North Carolina
752-40519-2	824-SED-2	Solid	12/19/25 11:00	12/19/25 14:20	North Carolina
752-40519-3	824-SED-3	Solid	12/19/25 10:45	12/19/25 14:20	North Carolina
752-40519-4	824-SED-4	Solid	12/19/25 10:30	12/19/25 14:20	North Carolina
752-40519-5	824-SED-5	Solid	12/19/25 10:00	12/19/25 14:20	North Carolina
752-40519-6	824-SED-6	Solid	12/19/25 09:30	12/19/25 14:20	North Carolina
752-40519-7	824-SED-7	Solid	12/19/25 09:15	12/19/25 14:20	North Carolina
752-40519-8	824-SED-8	Solid	12/19/25 09:00	12/19/25 14:20	North Carolina
752-40519-9	824-SED-Dup	Solid	12/19/25 10:00	12/19/25 14:20	North Carolina
752-40519-10	Trip Blank	Water	12/19/25 00:00	12/19/25 14:20	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Brandon Govan	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170288-59892.1
Client Contact: Jerry Paul	Phone: 828-713-8390	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:	Analysis Requested		Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			Preservation Codes: N - None; PL - MeOH/NaHS04; A - HCL
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BL			
Email: jpaul@smeinc.com	WO #:			Other:
Project Name: Walltown Park	Project #: 68026680			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_D5 - 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	752-40519 COC	Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	N	PL	N	N	N	A		X	
824-SED-1	12-19-25	1115	G	W	N	N	x	x	x	x	x	x	x			
824-SED-2		1100														
824-SED-3		1045														
824-SED-4		1070														
824-SED-5		1000														
824-SED-6		0930														
824-SED-7		0915														
824-SED-8		0900														
824-SED-DUP		1000														
Trip Blank																

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		12-19-25 / 1420	S&ME	Brent Rader	12/19/25 1420	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.5 / (3.3°C), 3.8 / (3.6°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: 752-7581 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 #: 752-40519-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/23/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)									Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
824-SED-1 (752-40519-1)	12/19/25	11 15 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-2 (752-40519-2)	12/19/25	11 00 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-3 (752-40519-3)	12/19/25	10 45 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-4 (752-40519-4)	12/19/25	10 30 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-5 (752-40519-5)	12/19/25	10:00 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-6 (752-40519-6)	12/19/25	09:30 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-7 (752-40519-7)	12/19/25	09 15 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-8 (752-40519-8)	12/19/25	09 00 Eastern	G	Solid			X	X	X	X	X									2	
824-SED-Dup (752-40519-9)	12/19/25	10:00 Eastern	G	Solid			X	X	X	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 Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

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

Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
BR	12/19/25 1535				
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time: 12/20/25 835	Company EEDS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.0, 0-0 IR8

Ver 10/10/2024

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone 850-474-1001 Fax 850-478-2671

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: 400-393115 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 #: 752-40519-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/31/2025			
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: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes.

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050BPRLF 16 Metals, including prep	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	8260D/5035FP_CalcVOC NC 02L List	7471B/7471B_PrepMercury	Total Number of containers	Special Instructions/Note.
			Preservation Code:										
824-SED-2 (752-40519-2)	12/19/25	11:00 Eastern	G	Solid			X	X	X	X	X	2	
824-SED-3 (752-40519-3)	12/19/25	10.45 Eastern	G	Solid			X	X	X	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: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	12/30/25 1700	EEG	[signature]	1/2/26 10:01	
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		0.5° #2927

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40519-1

Login Number: 40519
List Number: 1
Creator: Yonish, Rachel

List Source: Eurofins Raleigh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40519-1

Login Number: 40519
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/20/25 04:12 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: 752-40519-1

Login Number: 40519
List Number: 2
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola
List Creation: 12/20/25 12:12 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.	N/A	
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 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").	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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-1 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
22		67-64-1	Acetone			ug/m^3	LFGP-1									
12		67-66-3	Chloroform			ug/m^3	LFGP-1									
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1									
3.9	J	67-63-0	Isopropanol			ug/m^3	LFGP-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	1.1E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	8.6E-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 - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	22	0.22	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
67-63-0	Isopropanol	3.9	0.039	-	1.8E+02		4.5E-05
75-09-2	Methylene Chloride			1.2E+03	5.3E+02		
					Cumulative:	0.0E+00	8.6E-05

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	22	0.66	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
67-63-0	Isopropanol	3.9	0.117	-	4.2E+01		5.6E-04
75-09-2	Methylene Chloride			1.0E+02	1.3E+02		
					Cumulative:	0.0E+00	1.1E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-2 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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									
2.3	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2									
3.3	J	67-63-0	Isopropanol			ug/m^3	LFGP-2									
190		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-2									
2.8	J	108-88-3	Toluene			ug/m^3	LFGP-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.1E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	9.0E-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 - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	2.3	0.023	-	8.8E+01		5.3E-05
67-63-0	Isopropanol	3.3	0.033	-	1.8E+02		3.8E-05
75-09-2	Methylene Chloride			1.2E+03	5.3E+02		
					Cumulative:	0.0E+00	9.0E-05

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	2.3	0.069	-	2.1E+01		6.6E-04
67-63-0	Isopropanol	3.3	0.099	-	4.2E+01		4.7E-04
75-09-2	Methylene Chloride			1.0E+02	1.3E+02		
					Cumulative:	0.0E+00	1.1E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-3 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
2.4	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-3/DUP									
270		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-3/DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	6.9E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	5.5E-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 - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
75-71-8	Dichlorodifluoromethane	2.4	0.024	-	8.8E+01		5.5E-05
127-18-4	Tetrachloroethylene	270	2.7	4.7E+01	3.5E+01	5.7E-08	1.5E-02
					Cumulative:	5.7E-08	1.5E-02

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: NONCD0000824

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			-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.072	-	2.1E+01		6.9E-04
67-63-0	Isopropanol			-	4.2E+01		
75-09-2	Methylene Chloride			1.0E+02	1.3E+02		
					Cumulative:	0.0E+00	6.9E-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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-4 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
69		67-64-1	Acetone			ug/m^3	LFGP-4									
2	J	71-43-2	Benzene			ug/m^3	LFGP-4									
8.9	J	75-15-0	Carbon Disulfide			ug/m^3	LFGP-4									
8.4		75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-4									
2.5	J	142-82-5	Heptane, N-			ug/m^3	LFGP-4									
3.2	J	110-54-3	Hexane, N-			ug/m^3	LFGP-4									
9	J	67-63-0	Isopropanol			ug/m^3	LFGP-4									
3.4	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-4									
2	J	100-42-5	Styrene			ug/m^3	LFGP-4									
8.4	J	108-88-3	Toluene			ug/m^3	LFGP-4									
4.6	J	75-69-4	Trichlorofluoromethane			ug/m^3	LFGP-4									
6.5	J	1330-20-7	Xylenes			ug/m^3	LFPG-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.7E-07	8.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.3E-08	6.7E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	69	2.07	-	-		
71-43-2	Benzene	2	0.06	3.6E-01	6.3E+00	1.7E-07	1.9E-03
75-15-0	Carbon Disulfide	8.9	0.267	-	1.5E+02		3.7E-04
75-71-8	Dichlorodifluoromethane	8.4	0.252	-	2.1E+01		2.4E-03
142-82-5	Heptane, N-	2.5	0.075	-	8.3E+01		1.8E-04
110-54-3	Hexane, N-	3.2	0.096	-	1.5E+02		1.3E-04
67-63-0	Isopropanol	9	0.27	-	4.2E+01		1.3E-03
75-09-2	Methylene Chloride	3.4	0.102	1.0E+02	1.3E+02	1.0E-09	1.6E-04
100-42-5	Styrene	2	0.06	-	2.1E+02		5.8E-05
108-88-3	Toluene	8.4	0.252	-	1.0E+03		4.8E-05
75-69-4	Trichlorofluoromethane	4.6	0.138	-	-		
1330-20-7	Xylenes	6.5	0.195	-	2.1E+01		1.9E-03
					Cumulative:	1.7E-07	8.4E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	69	0.69	-	-		
71-43-2	Benzene	2	0.02	1.6E+00	2.6E+01	1.3E-08	1.5E-04
75-15-0	Carbon Disulfide	8.9	0.089	-	6.1E+02		2.9E-05
75-71-8	Dichlorodifluoromethane	8.4	0.084	-	8.8E+01		1.9E-04
142-82-5	Heptane, N-	2.5	0.025	-	3.5E+02		1.4E-05
110-54-3	Hexane, N-	3.2	0.032	-	6.1E+02		1.0E-05
67-63-0	Isopropanol	9	0.09	-	1.8E+02		1.0E-04
75-09-2	Methylene Chloride	3.4	0.034	1.2E+03	5.3E+02	2.8E-11	1.3E-05
100-42-5	Styrene	2	0.02	-	8.8E+02		4.6E-06
108-88-3	Toluene	8.4	0.084	-	4.4E+03		3.8E-06
75-69-4	Trichlorofluoromethane	4.6	0.046	-	-		
1330-20-7	Xylenes	6.5	0.065	-	8.8E+01		1.5E-04
					Cumulative:	1.3E-08	6.7E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-5 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

		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
2.3	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-5									
4.8	J	67-63-0	Isopropanol			ug/m^3	LFGP-5									
2.2	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-5									
16		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-5									
3.7	J	108-88-3	Toluene			ug/m^3	LFGP-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	6.5E-10	1.5E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.8E-11	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 - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
75-71-8	Dichlorodifluoromethane	2.3	0.023	-	8.8E+01		5.3E-05
67-63-0	Isopropanol	4.8	0.048	-	1.8E+02		5.5E-05
75-09-2	Methylene Chloride	2.2	0.022	1.2E+03	5.3E+02	1.8E-11	8.4E-06
127-18-4	Tetrachloroethylene	16	0.16	4.7E+01	3.5E+01	3.4E-09	9.1E-04
108-88-3	Toluene	3.7	0.037	-	4.4E+03		1.7E-06
					Cumulative:	3.4E-09	1.0E-03

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: NONCD0000824

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
75-71-8	Dichlorodifluoromethane	2.3	0.069	-	2.1E+01		6.6E-04
67-63-0	Isopropanol	4.8	0.144	-	4.2E+01		6.9E-04
75-09-2	Methylene Chloride	2.2	0.066	1.0E+02	1.3E+02	6.5E-10	1.1E-04
127-18-4	Tetrachloroethylene	16	0.48	1.1E+01	8.3E+00	4.4E-08	1.2E-02
108-88-3	Toluene	3.7	0.111	-	1.0E+03		2.1E-05
					Cumulative:	4.5E-08	1.3E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-6 Risk Assessment
Submittal Date:	3/11/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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.

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
46		67-64-1	Acetone			ug/m^3	LFGP-6									
1.3	J	71-43-2	Benzene			ug/m^3	LFGP-6									
5.2	J	75-15-0	Carbon Disulfide			ug/m^3	LFGP-6									
1.6	J	67-66-3	Chloroform			ug/m^3	LFGP-6									
11		75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-6									
5.3	J	123-91-1	Dioxane, 1,4-			ug/m^3	LFGP-6									
1.5	J	100-41-4	Ethylbenzene			ug/m^3	LFGP-6									
1.3	J	110-54-3	Hexane, N-			ug/m^3	LFGP-6									
20		67-63-0	Isopropanol			ug/m^3	LFGP-6									
4.6	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-6									
3.98	J	91-20-3	~Naphthalene			ug/m^3	LFGP-6									
4.8	J	127-18-4	Tetrachloroethylene			ug/m^3	LFGP-6									
5	J	108-88-3	Toluene			ug/m^3	LFGP-6									
4.3	J	75-69-4	Trichlorofluoromethane			ug/m^3	LFGP-6									
2.5	J	95-63-6	Trimethylbenzene, 1,2,4-			ug/m^3	LFGP-6									
6.3	J	1330-20-7	Xylenes			ug/m^3	LFGP-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	2.3E-06	8.1E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.7E-07	6.4E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	46	1.38	-	-		
71-43-2	Benzene	1.3	0.039	3.6E-01	6.3E+00	1.1E-07	1.2E-03
75-15-0	Carbon Disulfide	5.2	0.156	-	1.5E+02		2.1E-04
67-66-3	Chloroform	1.6	0.048	1.2E-01	4.1E-01	3.9E-07	2.4E-02
75-71-8	Dichlorodifluoromethane	11	0.33	-	2.1E+01		3.2E-03
123-91-1	Dioxane, 1,4-	5.3	0.159	5.6E-01	6.3E+00	2.8E-07	5.1E-03
100-41-4	Ethylbenzene	1.5	0.045	1.1E+00	2.1E+02	4.0E-08	4.3E-05
110-54-3	Hexane, N-	1.3	0.039	-	1.5E+02		5.3E-05
67-63-0	Isopropanol	20	0.6	-	4.2E+01		2.9E-03
75-09-2	Methylene Chloride	4.6	0.138	1.0E+02	1.3E+02	1.4E-09	2.2E-04
91-20-3	~Naphthalene	3.98	0.1194	8.3E-02	6.3E-01	**1.4E-06**	3.8E-02
127-18-4	Tetrachloroethylene	4.8	0.144	1.1E+01	8.3E+00	1.3E-08	3.5E-03
108-88-3	Toluene	5	0.15	-	1.0E+03		2.9E-05
75-69-4	Trichlorofluoromethane	4.3	0.129	-	-		
95-63-6	Trimethylbenzene, 1,2,4-	2.5	0.075	-	1.3E+01		1.2E-03
1330-20-7	Xylenes	6.3	0.189	-	2.1E+01		1.8E-03
					Cumulative:	2.3E-06	8.1E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	46	0.46	-	-		
71-43-2	Benzene	1.3	0.013	1.6E+00	2.6E+01	8.3E-09	9.9E-05
75-15-0	Carbon Disulfide	5.2	0.052	-	6.1E+02		1.7E-05
67-66-3	Chloroform	1.6	0.016	5.3E-01	1.7E+00	3.0E-08	1.9E-03
75-71-8	Dichlorodifluoromethane	11	0.11	-	8.8E+01		2.5E-04
123-91-1	Dioxane, 1,4-	5.3	0.053	2.5E+00	2.6E+01	2.2E-08	4.0E-04
100-41-4	Ethylbenzene	1.5	0.015	4.9E+00	8.8E+02	3.1E-09	3.4E-06
110-54-3	Hexane, N-	1.3	0.013	-	6.1E+02		4.2E-06
67-63-0	Isopropanol	20	0.2	-	1.8E+02		2.3E-04
75-09-2	Methylene Chloride	4.6	0.046	1.2E+03	5.3E+02	3.8E-11	1.8E-05
91-20-3	~Naphthalene	3.98	0.0398	3.6E-01	2.6E+00	1.1E-07	3.0E-03
127-18-4	Tetrachloroethylene	4.8	0.048	4.7E+01	3.5E+01	1.0E-09	2.7E-04
108-88-3	Toluene	5	0.05	-	4.4E+03		2.3E-06
75-69-4	Trichlorofluoromethane	4.3	0.043	-	-		
95-63-6	Trimethylbenzene, 1,2,4-	2.5	0.025	-	5.3E+01		9.5E-05
1330-20-7	Xylenes	6.3	0.063	-	8.8E+01		1.4E-04
					Cumulative:	1.7E-07	6.4E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-7 Risk Assessment
Submittal Date:	3/11/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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.

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
47		67-64-1	Acetone			ug/m^3	LFGP-7									
1	J	71-43-2	Benzene			ug/m^3	LFGP-7									
4.5	J	75-15-0	Carbon Disulfide			ug/m^3	LFGP-7									
5.9		67-66-3	Chloroform			ug/m^3	LFGP-7									
11		75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-7									
1.6	J	100-41-4	Ethylbenzene			ug/m^3	LFGP-7									
1.5	J	110-54-3	Hexane, N-			ug/m^3	LFGP-7									
25		67-63-0	Isopropanol			ug/m^3	LFGP-7									
6.2	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-7									
3.8	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-7									
3.1	J	100-42-5	Styrene			ug/m^3	LFGP-7									
11		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-7									
14		108-88-3	Toluene			ug/m^3	LFGP-7									
2.1	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-7									
4.8		75-69-4	Trichlorofluoromethane			ug/m^3	LFGP-7									
3.8		95-63-6	Trimethylbenzene, 1,2,4-			ug/m^3	LFGP-7									
1.7	J	95-47-6	Xylene, o-			ug/m^3	LFGP-7									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.6E-06	1.1E-01	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.2E-07	8.4E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	47	1.41	-	-		
71-43-2	Benzene	1	0.03	3.6E-01	6.3E+00	8.3E-08	9.6E-04
75-15-0	Carbon Disulfide	4.5	0.135	-	1.5E+02		1.8E-04
67-66-3	Chloroform	5.9	0.177	1.2E-01	4.1E-01	**1.4E-06**	8.7E-02
75-71-8	Dichlorodifluoromethane	11	0.33	-	2.1E+01		3.2E-03
100-41-4	Ethylbenzene	1.6	0.048	1.1E+00	2.1E+02	4.3E-08	4.6E-05
110-54-3	Hexane, N-	1.5	0.045	-	1.5E+02		6.2E-05
67-63-0	Isopropanol	25	0.75	-	4.2E+01		3.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.2	0.186	-	1.0E+03		3.6E-05
75-09-2	Methylene Chloride	3.8	0.114	1.0E+02	1.3E+02	1.1E-09	1.8E-04
100-42-5	Styrene	3.1	0.093	-	2.1E+02		8.9E-05
127-18-4	Tetrachloroethylene	11	0.33	1.1E+01	8.3E+00	3.1E-08	7.9E-03
108-88-3	Toluene	14	0.42	-	1.0E+03		8.1E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.1	0.063	-	1.0E+03		1.2E-05
75-69-4	Trichlorofluoromethane	4.8	0.144	-	-		
95-63-6	Trimethylbenzene, 1,2,4-	3.8	0.114	-	1.3E+01		1.8E-03
95-47-6	Xylene, o-	1.7	0.051	-	2.1E+01		4.9E-04
					Cumulative:	1.6E-06	1.1E-01

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	47	0.47	-	-		
71-43-2	Benzene	1	0.01	1.6E+00	2.6E+01	6.4E-09	7.6E-05
75-15-0	Carbon Disulfide	4.5	0.045	-	6.1E+02		1.5E-05
67-66-3	Chloroform	5.9	0.059	5.3E-01	1.7E+00	1.1E-07	6.9E-03
75-71-8	Dichlorodifluoromethane	11	0.11	-	8.8E+01		2.5E-04
100-41-4	Ethylbenzene	1.6	0.016	4.9E+00	8.8E+02	3.3E-09	3.7E-06
110-54-3	Hexane, N-	1.5	0.015	-	6.1E+02		4.9E-06
67-63-0	Isopropanol	25	0.25	-	1.8E+02		2.9E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.2	0.062	-	4.4E+03		2.8E-06
75-09-2	Methylene Chloride	3.8	0.038	1.2E+03	5.3E+02	3.1E-11	1.4E-05
100-42-5	Styrene	3.1	0.031	-	8.8E+02		7.1E-06
127-18-4	Tetrachloroethylene	11	0.11	4.7E+01	3.5E+01	2.3E-09	6.3E-04
108-88-3	Toluene	14	0.14	-	4.4E+03		6.4E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.1	0.021	-	4.4E+03		9.6E-07
75-69-4	Trichlorofluoromethane	4.8	0.048	-	-		
95-63-6	Trimethylbenzene, 1,2,4-	3.8	0.038	-	5.3E+01		1.4E-04
95-47-6	Xylene, o-	1.7	0.017	-	8.8E+01		3.9E-05
					Cumulative:	1.2E-07	8.4E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-8 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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.

		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-8									
2.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-8									
14		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	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 - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	11	0.11	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.025	-	8.8E+01		5.7E-05
127-18-4	Tetrachloroethylene	14	0.14	4.7E+01	3.5E+01	3.0E-09	8.0E-04
					Cumulative:	3.0E-09	8.6E-04

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	11	0.33	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.075	-	2.1E+01		7.2E-04
127-18-4	Tetrachloroethylene	14	0.42	1.1E+01	8.3E+00	3.9E-08	1.0E-02
					Cumulative:	3.9E-08	1.1E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-9 Risk Assessment
Submittal Date:	3/11/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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.

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
64		67-64-1	Acetone			ug/m^3	LFGP-9									
2.1	J	71-43-2	Benzene			ug/m^3	LFGP-9									
8		67-66-3	Chloroform			ug/m^3	LFGP-9									
12		75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-9									
2.9	J	100-41-4	Ethylbenzene			ug/m^3	LFGP-9									
1.7	J	142-82-5	Heptane, N-			ug/m^3	LFGP-9									
3	J	110-54-3	Hexane, N-			ug/m^3	LFGP-9									
13		67-63-0	Isopropanol			ug/m^3	LFGP-9									
6.9	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-9									
5.5	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-9									
2.36	J	91-20-3	~Naphthalene			ug/m^3	LFGP-9									
3.1	J	100-42-5	Styrene			ug/m^3	LFGP-9									
9.9		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-9									
13		108-88-3	Toluene			ug/m^3	LFGP-9									
5.6	J	75-69-4	Trichlorofluoromethane			ug/m^3	LFGP-9									
4.1	J	95-63-6	Trimethylbenzene, 1,2,4-			ug/m^3	LFGP-9									
10.1	J	1330-20-7	Xylenes			ug/m^3	LFGP-9									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	3.1E-06	1.6E-01	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.4E-07	1.3E-02	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	64	1.92	-	-		
71-43-2	Benzene	2.1	0.063	3.6E-01	6.3E+00	1.8E-07	2.0E-03
67-66-3	Chloroform	8	0.24	1.2E-01	4.1E-01	**2.0E-06**	1.2E-01
75-71-8	Dichlorodifluoromethane	12	0.36	-	2.1E+01		3.5E-03
100-41-4	Ethylbenzene	2.9	0.087	1.1E+00	2.1E+02	7.7E-08	8.3E-05
142-82-5	Heptane, N-	1.7	0.051	-	8.3E+01		1.2E-04
110-54-3	Hexane, N-	3	0.09	-	1.5E+02		1.2E-04
67-63-0	Isopropanol	13	0.39	-	4.2E+01		1.9E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.9	0.207	-	1.0E+03		4.0E-05
75-09-2	Methylene Chloride	5.5	0.165	1.0E+02	1.3E+02	1.6E-09	2.6E-04
91-20-3	~Naphthalene	2.36	0.0708	8.3E-02	6.3E-01	8.6E-07	2.3E-02
100-42-5	Styrene	3.1	0.093	-	2.1E+02		8.9E-05
127-18-4	Tetrachloroethylene	9.9	0.297	1.1E+01	8.3E+00	2.8E-08	7.1E-03
108-88-3	Toluene	13	0.39	-	1.0E+03		7.5E-05
75-69-4	Trichlorofluoromethane	5.6	0.168	-	-		
95-63-6	Trimethylbenzene, 1,2,4-	4.1	0.123	-	1.3E+01		2.0E-03
1330-20-7	Xylenes	10.1	0.303	-	2.1E+01		2.9E-03
					Cumulative:	3.1E-06	1.6E-01

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	64	0.64	-	-		
71-43-2	Benzene	2.1	0.021	1.6E+00	2.6E+01	1.3E-08	1.6E-04
67-66-3	Chloroform	8	0.08	5.3E-01	1.7E+00	1.5E-07	9.4E-03
75-71-8	Dichlorodifluoromethane	12	0.12	-	8.8E+01		2.7E-04
100-41-4	Ethylbenzene	2.9	0.029	4.9E+00	8.8E+02	5.9E-09	6.6E-06
142-82-5	Heptane, N-	1.7	0.017	-	3.5E+02		9.7E-06
110-54-3	Hexane, N-	3	0.03	-	6.1E+02		9.8E-06
67-63-0	Isopropanol	13	0.13	-	1.8E+02		1.5E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	6.9	0.069	-	4.4E+03		3.2E-06
75-09-2	Methylene Chloride	5.5	0.055	1.2E+03	5.3E+02	4.5E-11	2.1E-05
91-20-3	~Naphthalene	2.36	0.0236	3.6E-01	2.6E+00	6.5E-08	1.8E-03
100-42-5	Styrene	3.1	0.031	-	8.8E+02		7.1E-06
127-18-4	Tetrachloroethylene	9.9	0.099	4.7E+01	3.5E+01	2.1E-09	5.7E-04
108-88-3	Toluene	13	0.13	-	4.4E+03		5.9E-06
75-69-4	Trichlorofluoromethane	5.6	0.056	-	-		
95-63-6	Trimethylbenzene, 1,2,4-	4.1	0.041	-	5.3E+01		1.6E-04
1330-20-7	Xylenes	10.1	0.101	-	8.8E+01		2.3E-04
					Cumulative:	2.4E-07	1.3E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-1 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
8.95	J	67-64-1	Acetone			ug/L	SW-1									
34.2	J	7664-41-7	Ammonia			ug/L	SW-1									
27.4		7440-39-3	Barium			ug/L	SW-1									
10.9		7440-50-8	Copper			ug/L	SW-1									
0.697		123-91-1	Dioxane, 1,4-			ug/L	SW-1									
2.81		7439-92-1	~Lead and Compounds			ug/L	SW-1									
27.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.1	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
29.7	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-1									
1.57	J	7440-62-2	Vanadium and Compounds			ug/L	SW-1									
32.1		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: NONCD0000824

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*	3.9E-08	1.7E-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: NONCD0000824

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	8.95	8.95				3.9E-05	1.3E-06	4.1E-05
7664-41-7	Ammonia	34.2	34.2						
7440-39-3	Barium	27.4	27.4				5.4E-04	4.1E-04	9.5E-04
7440-50-8	Copper	10.9	10.9				1.1E-03	5.7E-05	1.1E-03
123-91-1	Dioxane, 1,4-	0.697	0.697	3.7E-08	1.6E-09	3.9E-08	9.2E-05	2.1E-06	9.4E-05
7439-92-1	~Lead and Compounds	2.81	2.81						
7439-96-5	Manganese (Non-diet)	27.2	27.2				4.5E-03	5.9E-03	1.0E-02
7440-02-0	Nickel Soluble Salts	1.1	1.1				2.2E-04	5.8E-05	2.7E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	29.7	29.7						
7440-62-2	Vanadium and Compounds	1.57	1.57				1.2E-03	2.5E-03	3.7E-03
7440-66-6	Zinc and Compounds	32.1	32.1				4.2E-04	1.3E-05	4.4E-04
					Cumulative:	3.9E-08			1.7E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-2 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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

		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
9.29	J	67-64-1	Acetone			ug/L	SW-2									
43.7	J	7664-41-7	Ammonia			ug/L	SW-2									
26.9		7440-39-3	Barium			ug/L	SW-2									
12.1		7440-50-8	Copper			ug/L	SW-2									
0.568		123-91-1	Dioxane, 1,4-			ug/L	SW-2									
2.75		7439-92-1	~Lead and Compounds			ug/L	SW-2									
21.7		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.59	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
25.2	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-2									
1.63	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
36.5		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: NONCD0000824

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*	3.2E-08	1.5E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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: NONCD0000824

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
67-64-1	Acetone	9.29	9.29				4.1E-05	1.4E-06	4.2E-05
7664-41-7	Ammonia	43.7	43.7						
7440-39-3	Barium	26.9	26.9				5.3E-04	4.0E-04	9.3E-04
7440-50-8	Copper	12.1	12.1				1.2E-03	6.3E-05	1.3E-03
123-91-1	Dioxane, 1,4-	0.568	0.568	3.0E-08	1.3E-09	3.2E-08	7.5E-05	1.7E-06	7.6E-05
7439-92-1	~Lead and Compounds	2.75	2.75						
7439-96-5	Manganese (Non-diet)	21.7	21.7				3.6E-03	4.7E-03	8.3E-03
7440-02-0	Nickel Soluble Salts	1.59	1.59				3.1E-04	8.3E-05	4.0E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	25.2	25.2						
7440-62-2	Vanadium and Compounds	1.63	1.63				1.3E-03	2.6E-03	3.9E-03
7440-66-6	Zinc and Compounds	36.5	36.5				4.8E-04	1.5E-05	5.0E-04
					Cumulative:	3.2E-08			1.5E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-3 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-3 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		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
9.34	J	67-64-1	Acetone			ug/L	SW-3									
44.7	J	7664-41-7	Ammonia			ug/L	SW-3									
27.5		7440-39-3	Barium			ug/L	SW-3									
11.5		7440-50-8	Copper			ug/L	SW-3									
0.614		123-91-1	Dioxane, 1,4-			ug/L	SW-3									
2.76		7439-92-1	~Lead and Compounds			ug/L	SW-3									
23		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
1.28	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
23.6	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-3									
1.65	J	7440-62-2	Vanadium and Compounds			ug/L	SW-3									
35.4		7440-66-6	Zinc and Compounds			ug/L	SW-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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*	3.4E-08	1.6E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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: NONCD0000824

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	9.34	9.34				4.1E-05	1.4E-06	4.2E-05
7664-41-7	Ammonia	44.7	44.7						
7440-39-3	Barium	27.5	27.5				5.4E-04	4.1E-04	9.5E-04
7440-50-8	Copper	11.5	11.5				1.1E-03	6.0E-05	1.2E-03
123-91-1	Dioxane, 1,4-	0.614	0.614	3.3E-08	1.4E-09	3.4E-08	8.1E-05	1.9E-06	8.3E-05
7439-92-1	~Lead and Compounds	2.76	2.76						
7439-96-5	Manganese (Non-diet)	23	23				3.8E-03	5.0E-03	8.8E-03
7440-02-0	Nickel Soluble Salts	1.28	1.28				2.5E-04	6.7E-05	3.2E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	23.6	23.6						
7440-62-2	Vanadium and Compounds	1.65	1.65				1.3E-03	2.6E-03	3.9E-03
7440-66-6	Zinc and Compounds	35.4	35.4				4.7E-04	1.5E-05	4.8E-04
					Cumulative:	3.4E-08			1.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-4 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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

		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
9.26	J	67-64-1	Acetone			ug/L	SW-4									
58.7		7664-41-7	Ammonia			ug/L	SW-4									
28.6		7440-39-3	Barium			ug/L	SW-4									
11.6		7440-50-8	Copper			ug/L	SW-4									
0.916		123-91-1	Dioxane, 1,4-			ug/L	SW-4									
3.39		7439-92-1	~Lead and Compounds			ug/L	SW-4									
24.1		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
1.3	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
22.7	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-4									
1.7	J	7440-62-2	Vanadium and Compounds			ug/L	SW-4									
37.3		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: NONCD0000824

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*	5.1E-08	1.6E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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: NONCD0000824

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	9.26	9.26				4.1E-05	1.3E-06	4.2E-05
7664-41-7	Ammonia	58.7	58.7						
7440-39-3	Barium	28.6	28.6				5.6E-04	4.3E-04	9.9E-04
7440-50-8	Copper	11.6	11.6				1.1E-03	6.1E-05	1.2E-03
123-91-1	Dioxane, 1,4-	0.916	0.916	4.9E-08	2.1E-09	5.1E-08	1.2E-04	2.8E-06	1.2E-04
7439-92-1	~Lead and Compounds	3.39	3.39						
7439-96-5	Manganese (Non-diet)	24.1	24.1				4.0E-03	5.3E-03	9.2E-03
7440-02-0	Nickel Soluble Salts	1.3	1.3				2.6E-04	6.8E-05	3.2E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	22.7	22.7						
7440-62-2	Vanadium and Compounds	1.7	1.7				1.3E-03	2.7E-03	4.0E-03
7440-66-6	Zinc and Compounds	37.3	37.3				4.9E-04	1.6E-05	5.1E-04
					Cumulative:	5.1E-08			1.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-5 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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

		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
11.2		67-64-1	Acetone			ug/L	SW-5/DUP									
72.8	F1	7664-41-7	Ammonia			ug/L	SW-5/DUP									
32.1		7440-39-3	Barium			ug/L	SW-5/DUP									
13.2		7440-50-8	Copper			ug/L	SW-5/DUP									
2.01		123-91-1	Dioxane, 1,4-			ug/L	SW-5/DUP									
6.5		7439-92-1	~Lead and Compounds			ug/L	SW-5/DUP									
34.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-5/DUP									
2.05	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5/DUP									
31.5	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-5/DUP									
2.27	J	7440-62-2	Vanadium and Compounds			ug/L	SW-5/DUP									
47.4		7440-66-6	Zinc and Compounds			ug/L	SW-5/DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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*	1.1E-07	2.3E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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: NONCD0000824

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	11.2	11.2				4.9E-05	1.6E-06	5.1E-05
7664-41-7	Ammonia	72.8	72.8						
7440-39-3	Barium	32.1	32.1				6.3E-04	4.8E-04	1.1E-03
7440-50-8	Copper	13.2	13.2				1.3E-03	6.9E-05	1.4E-03
123-91-1	Dioxane, 1,4-	2.01	2.01	1.1E-07	4.7E-09	1.1E-07	2.6E-04	6.2E-06	2.7E-04
7439-92-1	~Lead and Compounds	6.5	6.5						
7439-96-5	Manganese (Non-diet)	34.8	34.8				5.7E-03	7.6E-03	1.3E-02
7440-02-0	Nickel Soluble Salts	2.05	2.05				4.0E-04	1.1E-04	5.1E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	31.5	31.5						
7440-62-2	Vanadium and Compounds	2.27	2.27				1.8E-03	3.6E-03	5.4E-03
7440-66-6	Zinc and Compounds	47.4	47.4				6.2E-04	2.0E-05	6.4E-04
					Cumulative:	1.1E-07			2.3E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-6 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
7.34	J	67-64-1	Acetone			ug/L	SW-6									
136		7664-41-7	Ammonia			ug/L	SW-6									
26.8		7440-39-3	Barium			ug/L	SW-6									
12		7440-50-8	Copper			ug/L	SW-6									
0.719		123-91-1	Dioxane, 1,4-			ug/L	SW-6									
2.84		7439-92-1	~Lead and Compounds			ug/L	SW-6									
23.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.28	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
33.3		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-6									
1.67	J	7440-62-2	Vanadium and Compounds			ug/L	SW-6									
34.7		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: NONCD0000824

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*	4.0E-08	1.6E-02	NO

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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: NONCD0000824

Exposure Unit ID: SW-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.34	7.34				3.2E-05	1.1E-06	3.3E-05
7664-41-7	Ammonia	136	136						
7440-39-3	Barium	26.8	26.8				5.3E-04	4.0E-04	9.3E-04
7440-50-8	Copper	12	12				1.2E-03	6.3E-05	1.2E-03
123-91-1	Dioxane, 1,4-	0.719	0.719	3.8E-08	1.7E-09	4.0E-08	9.5E-05	2.2E-06	9.7E-05
7439-92-1	~Lead and Compounds	2.84	2.84						
7439-96-5	Manganese (Non-diet)	23.2	23.2				3.8E-03	5.1E-03	8.9E-03
7440-02-0	Nickel Soluble Salts	1.28	1.28				2.5E-04	6.7E-05	3.2E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	33.3	33.3						
7440-62-2	Vanadium and Compounds	1.67	1.67				1.3E-03	2.7E-03	4.0E-03
7440-66-6	Zinc and Compounds	34.7	34.7				4.6E-04	1.5E-05	4.7E-04
					Cumulative:	4.0E-08			1.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-7 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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

		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
7.69	J	67-64-1	Acetone			ug/L	SW-7									
125		7664-41-7	Ammonia			ug/L	SW-7									
28.9		7440-39-3	Barium			ug/L	SW-7									
12.7		7440-50-8	Copper			ug/L	SW-7									
6.47		123-91-1	Dioxane, 1,4-			ug/L	SW-7									
3.76		7439-92-1	~Lead and Compounds			ug/L	SW-7									
30.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.65	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
35.6	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-7									
1.98	J	7440-62-2	Vanadium and Compounds			ug/L	SW-7									
40.7		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: NONCD0000824

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*	3.6E-07	2.0E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-7 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.69	7.69				3.4E-05	1.1E-06	3.5E-05
7664-41-7	Ammonia	125	125						
7440-39-3	Barium	28.9	28.9				5.7E-04	4.3E-04	1.0E-03
7440-50-8	Copper	12.7	12.7				1.3E-03	6.6E-05	1.3E-03
123-91-1	Dioxane, 1,4-	6.47	6.47	3.4E-07	1.5E-08	3.6E-07	8.5E-04	2.0E-05	8.7E-04
7439-92-1	~Lead and Compounds	3.76	3.76						
7439-96-5	Manganese (Non-diet)	30.2	30.2				5.0E-03	6.6E-03	1.2E-02
7440-02-0	Nickel Soluble Salts	1.65	1.65				3.3E-04	8.6E-05	4.1E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	35.6	35.6						
7440-62-2	Vanadium and Compounds	1.98	1.98				1.5E-03	3.2E-03	4.7E-03
7440-66-6	Zinc and Compounds	40.7	40.7				5.4E-04	1.7E-05	5.5E-04
					Cumulative:	3.6E-07			2.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park RI-10A
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-8 Risk Assessment
Submittal Date:	2/25/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-8 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
8.27	J	67-64-1	Acetone			ug/L	SW-8									
102		7664-41-7	Ammonia			ug/L	SW-8									
27.2		7440-39-3	Barium			ug/L	SW-8									
		460-00-4	Bromo-4-fluorobenzene, 1-			ug/L										
12.3		7440-50-8	Copper			ug/L	SW-8									
10.5		123-91-1	Dioxane, 1,4-			ug/L	SW-8									
3.08		7439-92-1	~Lead and Compounds			ug/L	SW-8									
29.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
1.32	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-8									
14.6	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
44.4	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-8									
		118-79-6	Tribromophenol, 2,4,6-			ug/L										
1.76	J	7440-62-2	Vanadium and Compounds			ug/L	SW-8									
37.3		7440-66-6	Zinc and Compounds			ug/L	SW-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.8E-07	2.0E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-8 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	8.27	8.27				3.6E-05	1.2E-06	3.7E-05
7664-41-7	Ammonia	102	102						
7440-39-3	Barium	27.2	27.2				5.4E-04	4.1E-04	9.4E-04
7440-50-8	Copper	12.3	12.3				1.2E-03	6.4E-05	1.3E-03
123-91-1	Dioxane, 1,4-	10.5	10.5	5.6E-07	2.4E-08	5.8E-07	1.4E-03	3.2E-05	1.4E-03
7439-92-1	~Lead and Compounds	3.08	3.08						
7439-96-5	Manganese (Non-diet)	29.6	29.6				4.9E-03	6.5E-03	1.1E-02
7440-02-0	Nickel Soluble Salts	1.32	1.32				2.6E-04	6.9E-05	3.3E-04
14797-55-8	Nitrate (measured as nitrogen)	14.6	14.6				3.6E-05	1.9E-06	3.8E-05
E701177	Nitrate + Nitrite (measured as nitrogen)	44.4	44.4						
7440-62-2	Vanadium and Compounds	1.76	1.76				1.4E-03	2.8E-03	4.2E-03
7440-66-6	Zinc and Compounds	37.3	37.3				4.9E-04	1.6E-05	5.1E-04
					Cumulative:	5.8E-07			2.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	2/24/2026
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: NONCD0000824

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
0.329	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
8.29	B	7440-39-3	Barium			mg/kg	SED-1									
0.0873	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.0716	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
2.86		7440-48-4	Cobalt			mg/kg	SED-1									
9.74	B	7440-50-8	Copper			mg/kg	SED-1									
0.00493		123-91-1	Dioxane, 1,4-			mg/kg	SED-1									
6.82		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
51.6		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
0.007	J	75-09-2	Methylene Chloride			mg/kg	SED-1									
9.73	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
1.02	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.209	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
0.228	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.334	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.11	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-1									
0.26	J	218-01-9	~Chrysene			mg/kg	SED-1									
0.0388	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-1									
0.417		206-44-0	~Fluoranthene			mg/kg	SED-1									
0.167	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
0.347	J	129-00-0	~Pyrene			mg/kg	SED-1									
0.015	J B	7440-22-4	Silver			mg/kg	SED-1									
5.83		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
36.3		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: NONCD0000824

Exposure Unit ID: SED-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.4E-06	2.1E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.7E-07	1.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.5E-06	9.1E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.329	0.329	0.329	4.3E-07	6.0E-08	8.5E-12	4.9E-07	8.4E-03	1.0E-03	3.5E-07	9.4E-03
7440-39-3	Barium	8.29	8.29	8.29					5.3E-04		2.7E-07	5.3E-04
7440-41-7	Beryllium and compounds	0.0873	0.0873	0.0873			1.3E-12	1.3E-12	5.6E-04		7.1E-08	5.6E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0468	0.0468	0.0468					2.0E-03			2.0E-03
7440-43-9	Cadmium (Diet)	0.0716	0.0716	0.0716			7.7E-13	7.7E-13	9.2E-03	8.7E-04	1.2E-07	1.0E-02
7440-48-4	Cobalt	2.86	2.86	2.86			1.5E-10	1.5E-10	1.2E-01		7.7E-06	1.2E-01
7440-50-8	Copper	9.74	9.74	9.74					3.1E-03			3.1E-03
123-91-1	Dioxane, 1,4-	0.00493	0.00493	0.00493	7.1E-10		2.1E-10	9.2E-10	2.1E-06		3.7E-06	5.8E-06
7439-92-1	~Lead and Compounds	6.82	6.82	6.82					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	51.6	51.6	51.6					2.7E-02		1.7E-05	2.8E-02
75-09-2	Methylene Chloride	0.007	0.007	0.007	9.1E-11		2.2E-11	1.1E-10	1.5E-05		3.6E-06	1.8E-05
7440-02-0	Nickel Soluble Salts	9.73	9.73	9.73			1.5E-11	1.5E-11	6.2E-03		1.6E-05	6.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.02	1.02	1.02					8.2E-06			8.2E-06
56-55-3	~Benz[a]anthracene	0.209	0.209	0.209	1.4E-07	4.6E-08	2.6E-09	1.8E-07				
50-32-8	~Benzo[a]pyrene	0.228	0.228	0.228	**1.5E-06**	5.0E-07	2.3E-12	2.0E-06	9.7E-03	3.0E-03	1.8E-06	1.3E-02
205-99-2	~Benzo[b]fluoranthene	0.334	0.334	0.334	2.2E-07	7.3E-08	3.3E-13	2.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.11	0.11	0.11	7.2E-09	2.4E-09	1.1E-14	9.6E-09				
218-01-9	~Chrysene	0.26	0.26	0.26	1.7E-09	5.7E-10	2.6E-15	2.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0388	0.0388	0.0388	2.5E-07	8.5E-08	3.9E-13	3.4E-07				
206-44-0	~Fluoranthene	0.417	0.417	0.417					1.3E-04	4.1E-05		1.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.167	0.167	0.167	1.1E-07	3.6E-08	1.7E-13	1.5E-07				
129-00-0	~Pyrene	0.347	0.347	0.347					1.5E-04	4.6E-05		1.9E-04
7440-22-4	Silver	0.015	0.015	0.015					3.8E-05			3.8E-05
118-79-6	Tribromophenol, 2,4,6-	0.584	0.584	0.584					8.3E-04	2.0E-04		1.0E-03
7440-62-2	Vanadium and Compounds	5.83	5.83	5.83					1.5E-02		9.4E-07	1.5E-02
7440-66-6	Zinc and Compounds	36.3	36.3	36.3					1.5E-03			1.5E-03
						Cumulative:		3.4E-06				2.1E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.329	0.329	0.329	9.1E-08	1.9E-08	1.9E-12	1.1E-07	5.6E-04	1.2E-04	8.4E-08	6.8E-04
7440-39-3	Barium	8.29	8.29	8.29					3.5E-05		6.4E-08	3.6E-05
7440-41-7	Beryllium and compounds	0.0873	0.0873	0.0873			2.9E-13	2.9E-13	3.7E-05		1.7E-08	3.7E-05
460-00-4	Bromo-4-fluorobenzene, 1-	0.0468	0.0468	0.0468					1.3E-04			1.3E-04
7440-43-9	Cadmium (Diet)	0.0716	0.0716	0.0716			1.8E-13	1.8E-13	6.1E-04	1.0E-04	2.8E-08	7.2E-04
7440-48-4	Cobalt	2.86	2.86	2.86			3.5E-11	3.5E-11	8.2E-03		1.8E-06	8.2E-03
7440-50-8	Copper	9.74	9.74	9.74					2.1E-04			2.1E-04
123-91-1	Dioxane, 1,4-	0.00493	0.00493	0.00493	1.5E-10		4.8E-11	2.0E-10	1.4E-07		8.9E-07	1.0E-06
7439-92-1	~Lead and Compounds	6.82	6.82	6.82					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	51.6	51.6	51.6					1.8E-03		4.0E-06	1.8E-03
75-09-2	Methylene Chloride	0.007	0.007	0.007	4.3E-12		1.8E-12	6.1E-12	1.0E-06		8.5E-07	1.8E-06
7440-02-0	Nickel Soluble Salts	9.73	9.73	9.73			3.5E-12	3.5E-12	4.2E-04		3.7E-06	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	1.02	1.02	1.02					5.5E-07			5.5E-07
56-55-3	~Benz[a]anthracene	0.209	0.209	0.209	6.4E-09	3.5E-09	2.2E-10	1.0E-08				
50-32-8	~Benzo[a]pyrene	0.228	0.228	0.228	7.0E-08	3.8E-08	1.9E-13	1.1E-07	6.5E-04	3.6E-04	4.4E-07	1.0E-03
205-99-2	~Benzo[b]fluoranthene	0.334	0.334	0.334	1.0E-08	5.6E-09	2.8E-14	1.6E-08				
207-08-9	~Benzo[k]fluoranthene	0.11	0.11	0.11	3.4E-10	1.9E-10	9.1E-16	5.2E-10				
218-01-9	~Chrysene	0.26	0.26	0.26	8.0E-11	4.4E-11	2.1E-16	1.2E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0388	0.0388	0.0388	1.2E-08	6.5E-09	3.2E-14	1.8E-08				
206-44-0	~Fluoranthene	0.417	0.417	0.417					8.9E-06	4.9E-06		1.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.167	0.167	0.167	5.1E-09	2.8E-09	1.4E-14	7.9E-09				
129-00-0	~Pyrene	0.347	0.347	0.347					9.9E-06	5.4E-06		1.5E-05
7440-22-4	Silver	0.015	0.015	0.015					2.6E-06			2.6E-06
118-79-6	Tribromophenol, 2,4,6-	0.584	0.584	0.584					5.6E-05	2.4E-05		7.9E-05
7440-62-2	Vanadium and Compounds	5.83	5.83	5.83					9.9E-04		2.2E-07	9.9E-04
7440-66-6	Zinc and Compounds	36.3	36.3	36.3					1.0E-04			1.0E-04
						Cumulative:		2.7E-07				1.4E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.329	0.329	0.329	1.8E-07	2.6E-08	3.0E-13	2.1E-07	3.6E-03	4.3E-04	1.3E-08	4.0E-03
7440-39-3	Barium	8.29	8.29	8.29					2.3E-04		9.6E-09	2.3E-04
7440-41-7	Beryllium and compounds	0.0873	0.0873	0.0873			4.5E-14	4.5E-14	2.4E-04		2.5E-09	2.4E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0468	0.0468	0.0468					8.5E-04			8.5E-04
7440-43-9	Cadmium (Diet)	0.0716	0.0716	0.0716			2.8E-14	2.8E-14	3.9E-03	3.7E-04	4.1E-09	4.3E-03
7440-48-4	Cobalt	2.86	2.86	2.86			5.5E-12	5.5E-12	5.2E-02		2.8E-07	5.2E-02
7440-50-8	Copper	9.74	9.74	9.74					1.3E-03			1.3E-03
123-91-1	Dioxane, 1,4-	0.00493	0.00493	0.00493	3.0E-10		7.4E-12	3.1E-10	9.0E-07		1.3E-07	1.0E-06
7439-92-1	~Lead and Compounds	6.82	6.82	6.82					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	51.6	51.6	51.6					1.2E-02		6.0E-07	1.2E-02
75-09-2	Methylene Chloride	0.007	0.007	0.007	3.9E-11		7.8E-13	4.0E-11	6.4E-06		1.3E-07	6.5E-06
7440-02-0	Nickel Soluble Salts	9.73	9.73	9.73			5.4E-13	5.4E-13	2.7E-03		5.6E-07	2.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.02	1.02	1.02					3.5E-06			3.5E-06
56-55-3	~Benz[a]anthracene	0.209	0.209	0.209	5.8E-08	2.0E-08	9.4E-11	7.8E-08				
50-32-8	~Benzo[a]pyrene	0.228	0.228	0.228	6.4E-07	2.1E-07	8.1E-14	8.5E-07	4.2E-03	1.3E-03	6.6E-08	5.4E-03
205-99-2	~Benzo[b]fluoranthene	0.334	0.334	0.334	9.3E-08	3.1E-08	1.2E-14	1.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.11	0.11	0.11	3.1E-09	1.0E-09	3.9E-16	4.1E-09				
218-01-9	~Chrysene	0.26	0.26	0.26	7.3E-10	2.4E-10	9.3E-17	9.7E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0388	0.0388	0.0388	1.1E-07	3.6E-08	1.4E-14	1.4E-07				
206-44-0	~Fluoranthene	0.417	0.417	0.417					5.7E-05	1.8E-05		7.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.167	0.167	0.167	4.7E-08	1.6E-08	5.9E-15	6.2E-08				
129-00-0	~Pyrene	0.347	0.347	0.347					6.3E-05	2.0E-05		8.3E-05
7440-22-4	Silver	0.015	0.015	0.015					1.6E-05			1.6E-05
118-79-6	Tribromophenol, 2,4,6-	0.584	0.584	0.584					3.6E-04	8.4E-05		4.4E-04
7440-62-2	Vanadium and Compounds	5.83	5.83	5.83					6.3E-03		3.4E-08	6.3E-03
7440-66-6	Zinc and Compounds	36.3	36.3	36.3					6.6E-04			6.6E-04
						Cumulative:		1.5E-06				9.1E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	2/24/2026
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: NONCD0000824

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
0.421		7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
10.6		7440-39-3	Barium			mg/kg	SED-2									
0.0572		460-00-4	Bromo-4-fluorobenzene, 1-			mg/kg	SED-2									
0.0517	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
0.144	J *+	105-60-2	Caprolactam			mg/kg	SED-2									
0.31	J F1	18540-29-9	Chromium(VI)			mg/kg	SED-2									
2.94		7440-48-4	Cobalt			mg/kg	SED-2									
8.15		7440-50-8	Copper			mg/kg	SED-2									
0.00472		123-91-1	Dioxane, 1,4-			mg/kg	SED-2									
7.85		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
55.1		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
9.65	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
1.26	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.0513	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
0.109	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.0713	J	218-01-9	~Chrysene			mg/kg	SED-2									
0.0913	J	206-44-0	~Fluoranthene			mg/kg	SED-2									
0.0498	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
0.0861	J	129-00-0	~Pyrene			mg/kg	SED-2									
0.034	J B	7440-22-4	Silver			mg/kg	SED-2									
1.02		118-79-6	Tribromophenol, 2,4,6-			mg/kg	SED-2									
7.6		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
34.2		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: NONCD0000824

Exposure Unit ID: SED-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.5E-06	2.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.7E-07	1.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.6E-07	9.2E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.421	0.421	0.421	5.4E-07	7.7E-08	1.1E-11	6.2E-07	1.1E-02	1.3E-03	4.5E-07	1.2E-02
7440-39-3	Barium	10.6	10.6	10.6					6.8E-04		3.4E-07	6.8E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0572	0.0572	0.0572					2.4E-03			2.4E-03
7440-43-9	Cadmium (Diet)	0.0517	0.0517	0.0517			5.6E-13	5.6E-13	6.6E-03	6.3E-04	8.4E-08	7.2E-03
105-60-2	Caprolactam	0.144	0.144	0.144					3.7E-06	8.7E-07	1.1E-09	4.6E-06
18540-29-9	Chromium(VI)	0.31	0.31	0.31	3.2E-07		5.7E-11	3.2E-07	4.4E-03		1.7E-07	4.4E-03
7440-48-4	Cobalt	2.94	2.94	2.94			1.6E-10	1.6E-10	1.3E-01		7.9E-06	1.3E-01
7440-50-8	Copper	8.15	8.15	8.15					2.6E-03			2.6E-03
123-91-1	Dioxane, 1,4-	0.00472	0.00472	0.00472	6.8E-10		2.0E-10	8.8E-10	2.0E-06		3.6E-06	5.6E-06
7439-92-1	~Lead and Compounds	7.85	7.85	7.85					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	55.1	55.1	55.1					2.9E-02		1.8E-05	2.9E-02
7440-02-0	Nickel Soluble Salts	9.65	9.65	9.65			1.5E-11	1.5E-11	6.2E-03		1.6E-05	6.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.26	1.26	1.26					1.0E-05			1.0E-05
50-32-8	~Benzo[a]pyrene	0.0513	0.0513	0.0513	3.3E-07	1.1E-07	5.1E-13	4.5E-07	2.2E-03	6.7E-04	4.1E-07	2.9E-03
205-99-2	~Benzo[b]fluoranthene	0.109	0.109	0.109	7.1E-08	2.4E-08	1.1E-13	9.5E-08				
218-01-9	~Chrysene	0.0713	0.0713	0.0713	4.7E-10	1.6E-10	7.1E-16	6.2E-10				
206-44-0	~Fluoranthene	0.0913	0.0913	0.0913					2.9E-05	9.0E-06		3.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0498	0.0498	0.0498	3.3E-08	1.1E-08	5.0E-14	4.3E-08				
129-00-0	~Pyrene	0.0861	0.0861	0.0861					3.7E-05	1.1E-05		4.8E-05
7440-22-4	Silver	0.034	0.034	0.034					8.7E-05			8.7E-05
118-79-6	Tribromophenol, 2,4,6-	1.02	1.02	1.02					1.4E-03	3.4E-04		1.8E-03
7440-62-2	Vanadium and Compounds	7.6	7.6	7.6					1.9E-02		1.2E-06	1.9E-02
7440-66-6	Zinc and Compounds	34.2	34.2	34.2					1.5E-03			1.5E-03
						Cumulative:		1.5E-06				2.2E-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: NONCD0000824

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.421	0.421	0.421	1.2E-07	2.5E-08	2.5E-12	1.4E-07	7.2E-04	1.5E-04	1.1E-07	8.7E-04
7440-39-3	Barium	10.6	10.6	10.6					4.5E-05		8.2E-08	4.5E-05
7440-43-9	Cadmium (Diet)	0.0517	0.0517	0.0517			1.3E-13	1.3E-13	4.4E-04	7.5E-05	2.0E-08	5.2E-04
105-60-2	Caprolactam	0.144	0.144	0.144					2.5E-07	1.0E-07	2.5E-10	3.5E-07
18540-29-9	Chromium(VI)	0.31	0.31	0.31	1.5E-08		4.7E-12	1.5E-08	2.9E-04		4.0E-08	2.9E-04
7440-48-4	Cobalt	2.94	2.94	2.94			3.6E-11	3.6E-11	8.4E-03		1.9E-06	8.4E-03
7440-50-8	Copper	8.15	8.15	8.15					1.7E-04			1.7E-04
123-91-1	Dioxane, 1,4-	0.00472	0.00472	0.00472	1.4E-10		4.6E-11	1.9E-10	1.3E-07		8.5E-07	9.9E-07
7439-92-1	~Lead and Compounds	7.85	7.85	7.85					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	55.1	55.1	55.1					2.0E-03		4.2E-06	2.0E-03
7440-02-0	Nickel Soluble Salts	9.65	9.65	9.65			3.4E-12	3.4E-12	4.1E-04		3.7E-06	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	1.26	1.26	1.26					6.7E-07			6.7E-07
50-32-8	~Benzo[a]pyrene	0.0513	0.0513	0.0513	1.6E-08	8.6E-09	4.2E-14	2.4E-08	1.5E-04	8.1E-05	9.9E-08	2.3E-04
205-99-2	~Benzo[b]fluoranthene	0.109	0.109	0.109	3.3E-09	1.8E-09	9.0E-15	5.2E-09				
218-01-9	~Chrysene	0.0713	0.0713	0.0713	2.2E-11	1.2E-11	5.9E-17	3.4E-11				
206-44-0	~Fluoranthene	0.0913	0.0913	0.0913					2.0E-06	1.1E-06		3.0E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0498	0.0498	0.0498	1.5E-09	8.4E-10	4.1E-15	2.4E-09				
129-00-0	~Pyrene	0.0861	0.0861	0.0861					2.5E-06	1.4E-06		3.8E-06
7440-22-4	Silver	0.034	0.034	0.034					5.8E-06			5.8E-06
7440-62-2	Vanadium and Compounds	7.6	7.6	7.6					1.3E-03		2.9E-07	1.3E-03
7440-66-6	Zinc and Compounds	34.2	34.2	34.2					9.8E-05			9.8E-05
						Cumulative:		1.9E-07				1.4E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.421	0.421	0.421	2.3E-07	3.3E-08	3.9E-13	2.7E-07	4.6E-03	5.5E-04	1.6E-08	5.2E-03
7440-39-3	Barium	10.6	10.6	10.6					2.9E-04		1.2E-08	2.9E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0572	0.0572	0.0572					1.0E-03			1.0E-03
7440-43-9	Cadmium (Diet)	0.0517	0.0517	0.0517			2.0E-14	2.0E-14	2.8E-03	2.7E-04	3.0E-09	3.1E-03
105-60-2	Caprolactam	0.144	0.144	0.144					1.6E-06	3.7E-07	3.8E-11	2.0E-06
18540-29-9	Chromium(VI)	0.31	0.31	0.31	1.4E-07		2.0E-12	1.4E-07	1.9E-03		6.0E-09	1.9E-03
7440-48-4	Cobalt	2.94	2.94	2.94			5.7E-12	5.7E-12	5.4E-02		2.8E-07	5.4E-02
7440-50-8	Copper	8.15	8.15	8.15					1.1E-03			1.1E-03
123-91-1	Dioxane, 1,4-	0.00472	0.00472	0.00472	2.9E-10		7.1E-12	3.0E-10	8.6E-07		1.3E-07	9.9E-07
7439-92-1	~Lead and Compounds	7.85	7.85	7.85					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	55.1	55.1	55.1					1.3E-02		6.4E-07	1.3E-02
7440-02-0	Nickel Soluble Salts	9.65	9.65	9.65			5.4E-13	5.4E-13	2.6E-03		5.6E-07	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.26	1.26	1.26					4.3E-06			4.3E-06
50-32-8	~Benzo[a]pyrene	0.0513	0.0513	0.0513	1.4E-07	4.8E-08	1.8E-14	1.9E-07	9.4E-04	2.9E-04	1.5E-08	1.2E-03
205-99-2	~Benzo[b]fluoranthene	0.109	0.109	0.109	3.1E-08	1.0E-08	3.9E-15	4.1E-08				
218-01-9	~Chrysene	0.0713	0.0713	0.0713	2.0E-10	6.7E-11	2.5E-17	2.7E-10				
206-44-0	~Fluoranthene	0.0913	0.0913	0.0913					1.3E-05	3.9E-06		1.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0498	0.0498	0.0498	1.4E-08	4.7E-09	1.8E-15	1.9E-08				
129-00-0	~Pyrene	0.0861	0.0861	0.0861					1.6E-05	4.9E-06		2.1E-05
7440-22-4	Silver	0.034	0.034	0.034					3.7E-05			3.7E-05
118-79-6	Tribromophenol, 2,4,6-	1.02	1.02	1.02					6.2E-04	1.5E-04		7.7E-04
7440-62-2	Vanadium and Compounds	7.6	7.6	7.6					8.3E-03		4.4E-08	8.3E-03
7440-66-6	Zinc and Compounds	34.2	34.2	34.2					6.2E-04			6.2E-04
						Cumulative:		6.6E-07				9.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	2/24/2026
Prepared By:	Macy Courtney
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.2E-06	3.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.4E-07	2.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.4E-06	1.6E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.305	J F1	7440-36-0	Antimony (metallic)			mg/kg	SED-3									
1.44		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
21.1	F1 F2	7440-39-3	Barium			mg/kg	SED-3									
0.0833	J	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.0843	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
0.23	J *+	105-60-2	Caprolactam			mg/kg	SED-3									
3.73		7440-48-4	Cobalt			mg/kg	SED-3									
19.2	F1	7440-50-8	Copper			mg/kg	SED-3									
0.00552		123-91-1	Dioxane, 1,4-			mg/kg	SED-3									
10.6		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
107		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
10.6	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
1.5	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-3									
0.0668	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.0964	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.167	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.0594	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-3									
0.13	J	218-01-9	~Chrysene			mg/kg	SED-3									
0.26	J	206-44-0	~Fluoranthene			mg/kg	SED-3									
0.0736	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-3									
0.217	J	129-00-0	~Pyrene			mg/kg	SED-3									
0.026	J B	7440-22-4	Silver			mg/kg	SED-3									
0.0272	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-3									
12.3	F1	7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
52.1		7440-66-6	Zinc and Compounds			mg/kg	SED-3									

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.305	0.305	0.305					9.7E-03		1.6E-08	9.7E-03
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	21.1	21.1	21.1					1.3E-03		6.8E-07	1.3E-03
7440-41-7	Beryllium and compounds	0.0833	0.0833	0.0833			1.2E-12	1.2E-12	5.3E-04		6.7E-08	5.3E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0497	0.0497	0.0497					2.1E-03			2.1E-03
7440-43-9	Cadmium (Diet)	0.0843	0.0843	0.0843			9.1E-13	9.1E-13	1.1E-02	1.0E-03	1.4E-07	1.2E-02
105-60-2	Caprolactam	0.23	0.23	0.23					5.9E-06	1.4E-06	1.7E-09	7.3E-06
7440-48-4	Cobalt	3.73	3.73	3.73			2.0E-10	2.0E-10	1.6E-01		1.0E-05	1.6E-01
7440-50-8	Copper	19.2	19.2	19.2					6.1E-03			6.1E-03
123-91-1	Dioxane, 1,4-	0.00552	0.00552	0.00552	7.9E-10		2.3E-10	1.0E-09	2.4E-06		4.2E-06	6.5E-06
7439-92-1	~Lead and Compounds	10.6	10.6	10.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	107	107	107					5.7E-02		3.5E-05	5.7E-02
7440-02-0	Nickel Soluble Salts	10.6	10.6	10.6			1.7E-11	1.7E-11	6.8E-03		1.7E-05	6.8E-03
14797-55-8	Nitrate (measured as nitrogen)	1.5	1.5	1.5					1.2E-05			1.2E-05
56-55-3	~Benz[a]anthracene	0.0668	0.0668	0.0668	4.4E-08	1.5E-08	8.4E-10	5.9E-08				
50-32-8	~Benzo[a]pyrene	0.0964	0.0964	0.0964	6.3E-07	2.1E-07	9.6E-13	8.4E-07	4.1E-03	1.3E-03	7.8E-07	5.4E-03
205-99-2	~Benzo[b]fluoranthene	0.167	0.167	0.167	1.1E-07	3.6E-08	1.7E-13	1.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.0594	0.0594	0.0594	3.9E-09	1.3E-09	5.9E-15	5.2E-09				
218-01-9	~Chrysene	0.13	0.13	0.13	8.5E-10	2.8E-10	1.3E-15	1.1E-09				
206-44-0	~Fluoranthene	0.26	0.26	0.26					8.3E-05	2.6E-05		1.1E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0736	0.0736	0.0736	4.8E-08	1.6E-08	7.3E-14	6.4E-08				
129-00-0	~Pyrene	0.217	0.217	0.217					9.2E-05	2.9E-05		1.2E-04
7440-22-4	Silver	0.026	0.026	0.026					6.6E-05			6.6E-05
7440-28-0	Thallium (Soluble Salts)	0.0272	0.0272	0.0272					3.5E-02			3.5E-02
118-79-6	Tribromophenol, 2,4,6-	0.858	0.858	0.858					1.2E-03	2.9E-04		1.5E-03
7440-62-2	Vanadium and Compounds	12.3	12.3	12.3					3.1E-02		2.0E-06	3.1E-02
7440-66-6	Zinc and Compounds	52.1	52.1	52.1					2.2E-03			2.2E-03
						Cumulative:		3.2E-06				3.7E-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: NONCD0000824

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.305	0.305	0.305					6.5E-04		3.9E-09	6.5E-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	21.1	21.1	21.1					9.0E-05		1.6E-07	9.0E-05
7440-41-7	Beryllium and compounds	0.0833	0.0833	0.0833			2.7E-13	2.7E-13	3.6E-05		1.6E-08	3.6E-05
460-00-4	Bromo-4-fluorobenzene, 1-	0.0497	0.0497	0.0497					1.4E-04			1.4E-04
7440-43-9	Cadmium (Diet)	0.0843	0.0843	0.0843			2.1E-13	2.1E-13	7.2E-04	1.2E-04	3.2E-08	8.4E-04
105-60-2	Caprolactam	0.23	0.23	0.23					3.9E-07	1.7E-07	4.0E-10	5.6E-07
7440-48-4	Cobalt	3.73	3.73	3.73			4.6E-11	4.6E-11	1.1E-02		2.4E-06	1.1E-02
7440-50-8	Copper	19.2	19.2	19.2					4.1E-04			4.1E-04
123-91-1	Dioxane, 1,4-	0.00552	0.00552	0.00552	1.7E-10		5.3E-11	2.2E-10	1.6E-07		1.0E-06	1.2E-06
7439-92-1	~Lead and Compounds	10.6	10.6	10.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	107	107	107					3.8E-03		8.2E-06	3.8E-03
7440-02-0	Nickel Soluble Salts	10.6	10.6	10.6			3.8E-12	3.8E-12	4.5E-04		4.1E-06	4.6E-04
14797-55-8	Nitrate (measured as nitrogen)	1.5	1.5	1.5					8.0E-07			8.0E-07
56-55-3	~Benz[a]anthracene	0.0668	0.0668	0.0668	2.0E-09	1.1E-09	7.0E-11	3.2E-09				
50-32-8	~Benzo[a]pyrene	0.0964	0.0964	0.0964	2.9E-08	1.6E-08	7.9E-14	4.6E-08	2.8E-04	1.5E-04	1.9E-07	4.3E-04
205-99-2	~Benzo[b]fluoranthene	0.167	0.167	0.167	5.1E-09	2.8E-09	1.4E-14	7.9E-09				
207-08-9	~Benzo[k]fluoranthene	0.0594	0.0594	0.0594	1.8E-10	1.0E-10	4.9E-16	2.8E-10				
218-01-9	~Chrysene	0.13	0.13	0.13	4.0E-11	2.2E-11	1.1E-16	6.2E-11				
206-44-0	~Fluoranthene	0.26	0.26	0.26					5.6E-06	3.1E-06		8.6E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0736	0.0736	0.0736	2.3E-09	1.2E-09	6.1E-15	3.5E-09				
129-00-0	~Pyrene	0.217	0.217	0.217					6.2E-06	3.4E-06		9.6E-06
7440-22-4	Silver	0.026	0.026	0.026					4.5E-06			4.5E-06
7440-28-0	Thallium (Soluble Salts)	0.0272	0.0272	0.0272					2.3E-03			2.3E-03
118-79-6	Tribromophenol, 2,4,6-	0.858	0.858	0.858					8.2E-05	3.5E-05		1.2E-04
7440-62-2	Vanadium and Compounds	12.3	12.3	12.3					2.1E-03		4.7E-07	2.1E-03
7440-66-6	Zinc and Compounds	52.1	52.1	52.1					1.5E-04			1.5E-04
						Cumulative:		5.4E-07				2.5E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.305	0.305	0.305					4.2E-03		5.9E-10	4.2E-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	21.1	21.1	21.1					5.8E-04		2.4E-08	5.8E-04
7440-41-7	Beryllium and compounds	0.0833	0.0833	0.0833			4.3E-14	4.3E-14	2.3E-04		2.4E-09	2.3E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0497	0.0497	0.0497					9.1E-04			9.1E-04
7440-43-9	Cadmium (Diet)	0.0843	0.0843	0.0843			3.3E-14	3.3E-14	4.6E-03	4.4E-04	4.9E-09	5.1E-03
105-60-2	Caprolactam	0.23	0.23	0.23					2.5E-06	6.0E-07	6.0E-11	3.1E-06
7440-48-4	Cobalt	3.73	3.73	3.73			7.2E-12	7.2E-12	6.8E-02		3.6E-07	6.8E-02
7440-50-8	Copper	19.2	19.2	19.2					2.6E-03			2.6E-03
123-91-1	Dioxane, 1,4-	0.00552	0.00552	0.00552	3.4E-10		8.3E-12	3.5E-10	1.0E-06		1.5E-07	1.2E-06
7439-92-1	~Lead and Compounds	10.6	10.6	10.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	107	107	107					2.4E-02		1.2E-06	2.4E-02
7440-02-0	Nickel Soluble Salts	10.6	10.6	10.6			5.9E-13	5.9E-13	2.9E-03		6.1E-07	2.9E-03
14797-55-8	Nitrate (measured as nitrogen)	1.5	1.5	1.5					5.1E-06			5.1E-06
56-55-3	~Benz[a]anthracene	0.0668	0.0668	0.0668	1.9E-08	6.2E-09	3.0E-11	2.5E-08				
50-32-8	~Benzo[a]pyrene	0.0964	0.0964	0.0964	2.7E-07	9.0E-08	3.4E-14	3.6E-07	1.8E-03	5.4E-04	2.8E-08	2.3E-03
205-99-2	~Benzo[b]fluoranthene	0.167	0.167	0.167	4.7E-08	1.6E-08	5.9E-15	6.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.0594	0.0594	0.0594	1.7E-09	5.5E-10	2.1E-16	2.2E-09				
218-01-9	~Chrysene	0.13	0.13	0.13	3.6E-10	1.2E-10	4.6E-17	4.9E-10				
206-44-0	~Fluoranthene	0.26	0.26	0.26					3.6E-05	1.1E-05		4.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0736	0.0736	0.0736	2.1E-08	6.9E-09	2.6E-15	2.7E-08				
129-00-0	~Pyrene	0.217	0.217	0.217					4.0E-05	1.2E-05		5.2E-05
7440-22-4	Silver	0.026	0.026	0.026					2.8E-05			2.8E-05
7440-28-0	Thallium (Soluble Salts)	0.0272	0.0272	0.0272					1.5E-02			1.5E-02
118-79-6	Tribromophenol, 2,4,6-	0.858	0.858	0.858					5.2E-04	1.2E-04		6.5E-04
7440-62-2	Vanadium and Compounds	12.3	12.3	12.3					1.3E-02		7.1E-08	1.3E-02
7440-66-6	Zinc and Compounds	52.1	52.1	52.1					9.5E-04			9.5E-04
						Cumulative:		1.4E-06				1.6E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-4 Risk Assessment
Submittal Date:	2/26/2026
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: NONCD0000824

Exposure Unit ID: SED-4 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SED-5. 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
0.346	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
12.7	B	7440-39-3	Barium			mg/kg	SED-4									
0.0616	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.0543		460-00-4	Bromo-4-fluorobenzene, 1-			mg/kg	SED-4									
0.0589	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4									
3.24		7440-48-4	Cobalt			mg/kg	SED-4									
7.1	B	7440-50-8	Copper			mg/kg	SED-4									
0.00481		123-91-1	Dioxane, 1,4-			mg/kg	SED-4									
8.57		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
69.7		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
9.96	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
1.41	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4									
0.168	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-4									
0.239	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-4									
0.423		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.147	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-4									
0.342	J	218-01-9	~Chrysene			mg/kg	SED-4									
0.0386	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-4									
0.865		206-44-0	~Fluoranthene			mg/kg	SED-4									
0.195	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-4									
0.651		129-00-0	~Pyrene			mg/kg	SED-4									
0.0092	J B	7440-22-4	Silver			mg/kg	SED-4									
0.0566	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-4									
0.812		118-79-6	Tribromophenol, 2,4,6-			mg/kg	SED-4									
7.53		7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
35.4		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: NONCD0000824

Exposure Unit ID: SED-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.6E-06	3.1E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.9E-07	2.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.6E-06	1.3E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.346	0.346	0.346	4.5E-07	6.3E-08	8.9E-12	5.1E-07	8.8E-03	1.0E-03	3.7E-07	9.9E-03
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	0.0616	0.0616	0.0616			8.9E-13	8.9E-13	3.9E-04		5.0E-08	3.9E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0543	0.0543	0.0543					2.3E-03			2.3E-03
7440-43-9	Cadmium (Diet)	0.0589	0.0589	0.0589			6.4E-13	6.4E-13	7.5E-03	7.1E-04	9.5E-08	8.2E-03
7440-48-4	Cobalt	3.24	3.24	3.24			1.8E-10	1.8E-10	1.4E-01		8.7E-06	1.4E-01
7440-50-8	Copper	7.1	7.1	7.1					2.3E-03			2.3E-03
123-91-1	Dioxane, 1,4-	0.00481	0.00481	0.00481	6.9E-10		2.0E-10	9.0E-10	2.0E-06		3.6E-06	5.7E-06
7439-92-1	~Lead and Compounds	8.57	8.57	8.57					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69.7	69.7	69.7					3.7E-02		2.3E-05	3.7E-02
7440-02-0	Nickel Soluble Salts	9.96	9.96	9.96			1.6E-11	1.6E-11	6.4E-03		1.6E-05	6.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.41	1.41	1.41					1.1E-05			1.1E-05
56-55-3	~Benz[a]anthracene	0.168	0.168	0.168	1.1E-07	3.7E-08	2.1E-09	1.5E-07				
50-32-8	~Benzo[a]pyrene	0.239	0.239	0.239	**1.6E-06**	5.2E-07	2.4E-12	2.1E-06	1.0E-02	3.1E-03	1.9E-06	1.3E-02
205-99-2	~Benzo[b]fluoranthene	0.423	0.423	0.423	2.8E-07	9.2E-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	0.342	0.342	0.342	2.2E-09	7.5E-10	3.4E-15	3.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0386	0.0386	0.0386	2.5E-07	8.4E-08	3.9E-13	3.4E-07				
206-44-0	~Fluoranthene	0.865	0.865	0.865					2.8E-04	8.5E-05		3.6E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.195	0.195	0.195	1.3E-07	4.2E-08	1.9E-13	1.7E-07				
129-00-0	~Pyrene	0.651	0.651	0.651					2.8E-04	8.6E-05		3.6E-04
7440-22-4	Silver	0.0092	0.0092	0.0092					2.4E-05			2.4E-05
7440-28-0	Thallium (Soluble Salts)	0.0566	0.0566	0.0566					7.2E-02			7.2E-02
118-79-6	Tribromophenol, 2,4,6-	0.812	0.812	0.812					1.2E-03	2.7E-04		1.4E-03
7440-62-2	Vanadium and Compounds	7.53	7.53	7.53					1.9E-02		1.2E-06	1.9E-02
7440-66-6	Zinc and Compounds	35.4	35.4	35.4					1.5E-03			1.5E-03
						Cumulative:		3.6E-06				3.1E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.346	0.346	0.346	9.5E-08	2.0E-08	2.0E-12	1.2E-07	5.9E-04	1.3E-04	8.9E-08	7.2E-04
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	0.0616	0.0616	0.0616			2.0E-13	2.0E-13	2.6E-05		1.2E-08	2.6E-05
460-00-4	Bromo-4-fluorobenzene, 1-	0.0543	0.0543	0.0543					1.5E-04			1.5E-04
7440-43-9	Cadmium (Diet)	0.0589	0.0589	0.0589			1.5E-13	1.5E-13	5.0E-04	8.5E-05	2.3E-08	5.9E-04
7440-48-4	Cobalt	3.24	3.24	3.24			4.0E-11	4.0E-11	9.2E-03		2.1E-06	9.2E-03
7440-50-8	Copper	7.1	7.1	7.1					1.5E-04			1.5E-04
123-91-1	Dioxane, 1,4-	0.00481	0.00481	0.00481	1.5E-10		4.7E-11	1.9E-10	1.4E-07		8.7E-07	1.0E-06
7439-92-1	~Lead and Compounds	8.57	8.57	8.57					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69.7	69.7	69.7					2.5E-03		5.4E-06	2.5E-03
7440-02-0	Nickel Soluble Salts	9.96	9.96	9.96			3.6E-12	3.6E-12	4.3E-04		3.8E-06	4.3E-04
14797-55-8	Nitrate (measured as nitrogen)	1.41	1.41	1.41					7.5E-07			7.5E-07
56-55-3	~Benz[a]anthracene	0.168	0.168	0.168	5.1E-09	2.8E-09	1.8E-10	8.1E-09				
50-32-8	~Benzo[a]pyrene	0.239	0.239	0.239	7.3E-08	4.0E-08	2.0E-13	1.1E-07	6.8E-04	3.8E-04	4.6E-07	1.1E-03
205-99-2	~Benzo[b]fluoranthene	0.423	0.423	0.423	1.3E-08	7.1E-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	0.342	0.342	0.342	1.0E-10	5.8E-11	2.8E-16	1.6E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0386	0.0386	0.0386	1.2E-08	6.5E-09	3.2E-14	1.8E-08				
206-44-0	~Fluoranthene	0.865	0.865	0.865					1.9E-05	1.0E-05		2.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.195	0.195	0.195	6.0E-09	3.3E-09	1.6E-14	9.2E-09				
129-00-0	~Pyrene	0.651	0.651	0.651					1.9E-05	1.0E-05		2.9E-05
7440-22-4	Silver	0.0092	0.0092	0.0092					1.6E-06			1.6E-06
7440-28-0	Thallium (Soluble Salts)	0.0566	0.0566	0.0566					4.8E-03			4.8E-03
118-79-6	Tribromophenol, 2,4,6-	0.812	0.812	0.812					7.7E-05	3.3E-05		1.1E-04
7440-62-2	Vanadium and Compounds	7.53	7.53	7.53					1.3E-03		2.9E-07	1.3E-03
7440-66-6	Zinc and Compounds	35.4	35.4	35.4					1.0E-04			1.0E-04
						Cumulative:		2.9E-07				2.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.346	0.346	0.346	1.9E-07	2.7E-08	3.2E-13	2.2E-07	3.8E-03	4.5E-04	1.3E-08	4.2E-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	0.0616	0.0616	0.0616			3.2E-14	3.2E-14	1.7E-04		1.8E-09	1.7E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0543	0.0543	0.0543					9.9E-04			9.9E-04
7440-43-9	Cadmium (Diet)	0.0589	0.0589	0.0589			2.3E-14	2.3E-14	3.2E-03	3.1E-04	3.4E-09	3.5E-03
7440-48-4	Cobalt	3.24	3.24	3.24			6.3E-12	6.3E-12	5.9E-02		3.1E-07	5.9E-02
7440-50-8	Copper	7.1	7.1	7.1					9.7E-04			9.7E-04
123-91-1	Dioxane, 1,4-	0.00481	0.00481	0.00481	3.0E-10		7.3E-12	3.0E-10	8.8E-07		1.3E-07	1.0E-06
7439-92-1	~Lead and Compounds	8.57	8.57	8.57					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69.7	69.7	69.7					1.6E-02		8.0E-07	1.6E-02
7440-02-0	Nickel Soluble Salts	9.96	9.96	9.96			5.6E-13	5.6E-13	2.7E-03		5.7E-07	2.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.41	1.41	1.41					4.8E-06			4.8E-06
56-55-3	~Benz[a]anthracene	0.168	0.168	0.168	4.7E-08	1.6E-08	7.6E-11	6.3E-08				
50-32-8	~Benzo[a]pyrene	0.239	0.239	0.239	6.7E-07	2.2E-07	8.5E-14	8.9E-07	4.4E-03	1.3E-03	6.9E-08	5.7E-03
205-99-2	~Benzo[b]fluoranthene	0.423	0.423	0.423	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	0.342	0.342	0.342	9.6E-10	3.2E-10	1.2E-16	1.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0386	0.0386	0.0386	1.1E-07	3.6E-08	1.4E-14	1.4E-07				
206-44-0	~Fluoranthene	0.865	0.865	0.865					1.2E-04	3.7E-05		1.6E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.195	0.195	0.195	5.5E-08	1.8E-08	6.9E-15	7.3E-08				
129-00-0	~Pyrene	0.651	0.651	0.651					1.2E-04	3.7E-05		1.6E-04
7440-22-4	Silver	0.0092	0.0092	0.0092					1.0E-05			1.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0566	0.0566	0.0566					3.1E-02			3.1E-02
118-79-6	Tribromophenol, 2,4,6-	0.812	0.812	0.812					4.9E-04	1.2E-04		6.1E-04
7440-62-2	Vanadium and Compounds	7.53	7.53	7.53					8.2E-03		4.3E-08	8.2E-03
7440-66-6	Zinc and Compounds	35.4	35.4	35.4					6.5E-04			6.5E-04
						Cumulative:		1.6E-06				1.3E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	2/26/2026
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: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SED-5. 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
0.602		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5/DUP									
60	B	7440-39-3	Barium			mg/kg	SED-5/DUP									
0.227	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5/DUP									
0.0617		460-00-4	Bromo-4-fluorobenzene, 1-			mg/kg	SED-5/DUP									
0.0965	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5/DUP									
0.2105	J *+	105-60-2	Caprolactam			mg/kg	SED-5/DUP									
0.118	J	18540-29-9	Chromium(VI)			mg/kg	SED-5/DUP									
3.49		7440-48-4	Cobalt			mg/kg	SED-5/DUP									
11.1	B	7440-50-8	Copper			mg/kg	SED-5/DUP									
0.00622		123-91-1	Dioxane, 1,4-			mg/kg	SED-5/DUP									
19.8		7439-92-1	~Lead and Compounds			mg/kg	SED-5/DUP									
108		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5/DUP									
9.32	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-5/DUP									
1.31	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5/DUP									
0.081	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-5/DUP									
0.127	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-5/DUP									
0.219	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5/DUP									
0.0715	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-5/DUP									
0.141	J	218-01-9	~Chrysene			mg/kg	SED-5/DUP									
0.215	J	206-44-0	~Fluoranthene			mg/kg	SED-5/DUP									
0.111	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-5/DUP									
0.187	J	129-00-0	~Pyrene			mg/kg	SED-5/DUP									
0.018	J B	7440-22-4	Silver			mg/kg	SED-5/DUP									
1.16		118-79-6	Tribromophenol, 2,4,6-			mg/kg	SED-5/DUP									
9.35		7440-62-2	Vanadium and Compounds			mg/kg	SED-5/DUP									
49.6		7440-66-6	Zinc and Compounds			mg/kg	SED-5/DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.4E-06	2.9E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.9E-07	2.0E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.1E-06	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.602	0.602	0.602	7.8E-07	1.1E-07	1.6E-11	8.9E-07	1.5E-02	1.8E-03	6.5E-07	1.7E-02
7440-39-3	Barium	60	60	60					3.8E-03		1.9E-06	3.8E-03
7440-41-7	Beryllium and compounds	0.227	0.227	0.227			3.3E-12	3.3E-12	1.5E-03		1.8E-07	1.5E-03
7440-43-9	Cadmium (Diet)	0.0965	0.0965	0.0965			1.0E-12	1.0E-12	1.2E-02	1.2E-03	1.6E-07	1.4E-02
105-60-2	Caprolactam	0.2105	0.2105	0.2105					5.4E-06	1.3E-06	1.5E-09	6.7E-06
18540-29-9	Chromium(VI)	0.118	0.118	0.118	1.2E-07		2.2E-11	1.2E-07	1.7E-03		6.4E-08	1.7E-03
7440-48-4	Cobalt	3.49	3.49	3.49			1.9E-10	1.9E-10	1.5E-01		9.4E-06	1.5E-01
7440-50-8	Copper	11.1	11.1	11.1					3.5E-03			3.5E-03
123-91-1	Dioxane, 1,4-	0.00622	0.00622	0.00622	8.9E-10		2.6E-10	1.2E-09	2.7E-06		4.7E-06	7.4E-06
7439-92-1	~Lead and Compounds	19.8	19.8	19.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	108	108	108					5.8E-02		3.5E-05	5.8E-02
7440-02-0	Nickel Soluble Salts	9.32	9.32	9.32			1.5E-11	1.5E-11	6.0E-03		1.5E-05	6.0E-03
14797-55-8	Nitrate (measured as nitrogen)	1.31	1.31	1.31					1.0E-05			1.0E-05
56-55-3	~Benz[a]anthracene	0.081	0.081	0.081	5.3E-08	1.8E-08	1.0E-09	7.2E-08				
50-32-8	~Benzo[a]pyrene	0.127	0.127	0.127	8.3E-07	2.8E-07	1.3E-12	1.1E-06	5.4E-03	1.7E-03	1.0E-06	7.1E-03
205-99-2	~Benzo[b]fluoranthene	0.219	0.219	0.219	1.4E-07	4.8E-08	2.2E-13	1.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.0715	0.0715	0.0715	4.7E-09	1.6E-09	7.1E-15	6.2E-09				
218-01-9	~Chrysene	0.141	0.141	0.141	9.2E-10	3.1E-10	1.4E-15	1.2E-09				
206-44-0	~Fluoranthene	0.215	0.215	0.215					6.9E-05	2.1E-05		9.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.111	0.111	0.111	7.2E-08	2.4E-08	1.1E-13	9.7E-08				
129-00-0	~Pyrene	0.187	0.187	0.187					8.0E-05	2.5E-05		1.0E-04
7440-22-4	Silver	0.018	0.018	0.018					4.6E-05			4.6E-05
118-79-6	Tribromophenol, 2,4,6-	1.16	1.16	1.16					1.6E-03	3.9E-04		2.0E-03
7440-62-2	Vanadium and Compounds	9.35	9.35	9.35					2.4E-02		1.5E-06	2.4E-02
7440-66-6	Zinc and Compounds	49.6	49.6	49.6					2.1E-03			2.1E-03
						Cumulative:		2.5E-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: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.602	0.602	0.602	1.7E-07	3.5E-08	3.6E-12	2.0E-07	1.0E-03	2.2E-04	1.5E-07	1.2E-03
7440-39-3	Barium	60	60	60					2.6E-04		4.6E-07	2.6E-04
7440-41-7	Beryllium and compounds	0.227	0.227	0.227			7.5E-13	7.5E-13	9.7E-05		4.4E-08	9.7E-05
460-00-4	Bromo-4-fluorobenzene, 1-	0.0617	0.0617	0.0617					1.8E-04			1.8E-04
7440-43-9	Cadmium (Diet)	0.0965	0.0965	0.0965			2.4E-13	2.4E-13	8.3E-04	1.4E-04	3.7E-08	9.7E-04
105-60-2	Caprolactam	0.2105	0.2105	0.2105					3.6E-07	1.5E-07	3.7E-10	5.1E-07
18540-29-9	Chromium(VI)	0.118	0.118	0.118	5.8E-09		1.8E-12	5.8E-09	1.1E-04		1.5E-08	1.1E-04
7440-48-4	Cobalt	3.49	3.49	3.49			4.3E-11	4.3E-11	1.0E-02		2.2E-06	1.0E-02
7440-50-8	Copper	11.1	11.1	11.1					2.4E-04			2.4E-04
123-91-1	Dioxane, 1,4-	0.00622	0.00622	0.00622	1.9E-10		6.0E-11	2.5E-10	1.8E-07		1.1E-06	1.3E-06
7439-92-1	~Lead and Compounds	19.8	19.8	19.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	108	108	108					3.9E-03		8.3E-06	3.9E-03
7440-02-0	Nickel Soluble Salts	9.32	9.32	9.32			3.3E-12	3.3E-12	4.0E-04		3.6E-06	4.0E-04
14797-55-8	Nitrate (measured as nitrogen)	1.31	1.31	1.31					7.0E-07			7.0E-07
56-55-3	~Benz[a]anthracene	0.081	0.081	0.081	2.5E-09	1.4E-09	8.4E-11	3.9E-09				
50-32-8	~Benzo[a]pyrene	0.127	0.127	0.127	3.9E-08	2.1E-08	1.0E-13	6.0E-08	3.6E-04	2.0E-04	2.4E-07	5.6E-04
205-99-2	~Benzo[b]fluoranthene	0.219	0.219	0.219	6.7E-09	3.7E-09	1.8E-14	1.0E-08				
207-08-9	~Benzo[k]fluoranthene	0.0715	0.0715	0.0715	2.2E-10	1.2E-10	5.9E-16	3.4E-10				
218-01-9	~Chrysene	0.141	0.141	0.141	4.3E-11	2.4E-11	1.2E-16	6.7E-11				
206-44-0	~Fluoranthene	0.215	0.215	0.215					4.6E-06	2.5E-06		7.1E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.111	0.111	0.111	3.4E-09	1.9E-09	9.2E-15	5.3E-09				
129-00-0	~Pyrene	0.187	0.187	0.187					5.3E-06	2.9E-06		8.3E-06
7440-22-4	Silver	0.018	0.018	0.018					3.1E-06			3.1E-06
118-79-6	Tribromophenol, 2,4,6-	1.16	1.16	1.16					1.1E-04	4.7E-05		1.6E-04
7440-62-2	Vanadium and Compounds	9.35	9.35	9.35					1.6E-03		3.6E-07	1.6E-03
7440-66-6	Zinc and Compounds	49.6	49.6	49.6					1.4E-04			1.4E-04
						Cumulative:		2.9E-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: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.602	0.602	0.602	3.3E-07	4.7E-08	5.6E-13	3.8E-07	6.6E-03	7.8E-04	2.3E-08	7.4E-03
7440-39-3	Barium	60	60	60					1.6E-03		6.9E-08	1.6E-03
7440-41-7	Beryllium and compounds	0.227	0.227	0.227			1.2E-13	1.2E-13	6.2E-04		6.6E-09	6.2E-04
460-00-4	Bromo-4-fluorobenzene, 1-	0.0617	0.0617	0.0617					1.1E-03			1.1E-03
7440-43-9	Cadmium (Diet)	0.0965	0.0965	0.0965			3.7E-14	3.7E-14	5.3E-03	5.0E-04	5.6E-09	5.8E-03
105-60-2	Caprolactam	0.2105	0.2105	0.2105					2.3E-06	5.5E-07	5.5E-11	2.9E-06
18540-29-9	Chromium(VI)	0.118	0.118	0.118	5.3E-08		7.7E-13	5.3E-08	7.2E-04		2.3E-09	7.2E-04
7440-48-4	Cobalt	3.49	3.49	3.49			6.7E-12	6.7E-12	6.4E-02		3.4E-07	6.4E-02
7440-50-8	Copper	11.1	11.1	11.1					1.5E-03			1.5E-03
123-91-1	Dioxane, 1,4-	0.00622	0.00622	0.00622	3.8E-10		9.4E-12	3.9E-10	1.1E-06		1.7E-07	1.3E-06
7439-92-1	~Lead and Compounds	19.8	19.8	19.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	108	108	108					2.5E-02		1.2E-06	2.5E-02
7440-02-0	Nickel Soluble Salts	9.32	9.32	9.32			5.2E-13	5.2E-13	2.6E-03		5.4E-07	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.31	1.31	1.31					4.5E-06			4.5E-06
56-55-3	~Benz[a]anthracene	0.081	0.081	0.081	2.3E-08	7.6E-09	3.6E-11	3.0E-08				
50-32-8	~Benzo[a]pyrene	0.127	0.127	0.127	3.6E-07	1.2E-07	4.5E-14	4.7E-07	2.3E-03	7.2E-04	3.7E-08	3.0E-03
205-99-2	~Benzo[b]fluoranthene	0.219	0.219	0.219	6.1E-08	2.0E-08	7.8E-15	8.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.0715	0.0715	0.0715	2.0E-09	6.7E-10	2.5E-16	2.7E-09				
218-01-9	~Chrysene	0.141	0.141	0.141	3.9E-10	1.3E-10	5.0E-17	5.3E-10				
206-44-0	~Fluoranthene	0.215	0.215	0.215					2.9E-05	9.1E-06		3.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.111	0.111	0.111	3.1E-08	1.0E-08	4.0E-15	4.1E-08				
129-00-0	~Pyrene	0.187	0.187	0.187					3.4E-05	1.1E-05		4.5E-05
7440-22-4	Silver	0.018	0.018	0.018					2.0E-05			2.0E-05
118-79-6	Tribromophenol, 2,4,6-	1.16	1.16	1.16					7.1E-04	1.7E-04		8.7E-04
7440-62-2	Vanadium and Compounds	9.35	9.35	9.35					1.0E-02		5.4E-08	1.0E-02
7440-66-6	Zinc and Compounds	49.6	49.6	49.6					9.1E-04			9.1E-04
						Cumulative:		1.1E-06				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 - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	2/24/2026
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: NONCD0000824

Exposure Unit ID: SED-6 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SED-5. 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
0.0912	J	67-64-1	Acetone			mg/kg	SED-6									
0.511	J	7440-36-0	Antimony (metallic)			mg/kg	SED-6									
1.34		7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
46.5	B	7440-39-3	Barium			mg/kg	SED-6									
0.0888	J	100-52-7	Benzaldehyde			mg/kg	SED-6									
0.184	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.275	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-6									
10.1		16065-83-1b	Chromium(III) (Soluble Compounds)			mg/kg	SED-6									
6.28		7440-48-4	Cobalt			mg/kg	SED-6									
47.7	B	7440-50-8	Copper			mg/kg	SED-6									
0.00862		123-91-1	Dioxane, 1,4-			mg/kg	SED-6									
65.7		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
194		7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
20.3	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.78	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6									
0.0897	J	120-12-7	~Anthracene			mg/kg	SED-6									
0.885		56-55-3	~Benz[a]anthracene			mg/kg	SED-6									
1.04		50-32-8	~Benzo[a]pyrene			mg/kg	SED-6									
1.91		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
0.651		207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-6									
1.44		218-01-9	~Chrysene			mg/kg	SED-6									
0.187	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-6									
2.44		206-44-0	~Fluoranthene			mg/kg	SED-6									
0.878		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-6									
2.17		129-00-0	~Pyrene			mg/kg	SED-6									
0.254	J	7782-49-2	Selenium			mg/kg	SED-6									
0.0978	J B	7440-22-4	Silver			mg/kg	SED-6									
16.2		7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
165		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: NONCD0000824

Exposure Unit ID: SED-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.6E-05	6.1E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.2E-06	4.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.8E-06	2.6E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
67-64-1	Acetone	0.0912	0.0912	0.0912					1.3E-06			1.3E-06
7440-36-0	Antimony (metallic)	0.511	0.511	0.511					1.6E-02		2.8E-08	1.6E-02
7440-38-2	Arsenic, Inorganic	1.34	1.34	1.34	**1.7E-06**	2.4E-07	3.5E-11	2.0E-06	3.4E-02	4.1E-03	1.4E-06	3.8E-02
7440-39-3	Barium	46.5	46.5	46.5					3.0E-03		1.5E-06	3.0E-03
100-52-7	Benzaldehyde	0.0888	0.0888	0.0888	5.1E-10			5.1E-10	1.1E-05			1.1E-05
7440-41-7	Beryllium and compounds	0.184	0.184	0.184			2.7E-12	2.7E-12	1.2E-03		1.5E-07	1.2E-03
7440-43-9	Cadmium (Diet)	0.275	0.275	0.275			3.0E-12	3.0E-12	3.5E-02	3.3E-03	4.4E-07	3.8E-02
16065-83-1b	Chromium(III) (Soluble Compounds)	10.1	10.1	10.1							2.7E-06	2.7E-06
7440-48-4	Cobalt	6.28	6.28	6.28			3.4E-10	3.4E-10	**2.7E-01**		1.7E-05	**2.7E-01**
7440-50-8	Copper	47.7	47.7	47.7					1.5E-02			1.5E-02
123-91-1	Dioxane, 1,4-	0.00862	0.00862	0.00862	1.2E-09		3.6E-10	1.6E-09	3.7E-06		6.5E-06	1.0E-05
7439-92-1	~Lead and Compounds	65.7	65.7	65.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	194	194	194					1.0E-01		6.3E-05	1.0E-01
7440-02-0	Nickel Soluble Salts	20.3	20.3	20.3			3.2E-11	3.2E-11	1.3E-02		3.3E-05	1.3E-02
14797-55-8	Nitrate (measured as nitrogen)	1.78	1.78	1.78					1.4E-05			1.4E-05
120-12-7	~Anthracene	0.0897	0.0897	0.0897					3.8E-06	1.2E-06		5.0E-06
56-55-3	~Benz[a]anthracene	0.885	0.885	0.885	5.8E-07	1.9E-07	1.1E-08	7.8E-07				
50-32-8	~Benzo[a]pyrene	1.04	1.04	1.04	**6.8E-06**	**2.3E-06**	1.0E-11	9.1E-06	4.4E-02	1.4E-02	8.4E-06	5.8E-02
205-99-2	~Benzo[b]fluoranthene	1.91	1.91	1.91	**1.2E-06**	4.2E-07	1.9E-12	1.7E-06				
207-08-9	~Benzo[k]fluoranthene	0.651	0.651	0.651	4.3E-08	1.4E-08	6.5E-14	5.7E-08				
218-01-9	~Chrysene	1.44	1.44	1.44	9.4E-09	3.1E-09	1.4E-14	1.3E-08				
53-70-3	~Dibenz[a,h]anthracene	0.187	0.187	0.187	**1.2E-06**	4.1E-07	1.9E-12	1.6E-06				
206-44-0	~Fluoranthene	2.44	2.44	2.44					7.8E-04	2.4E-04		1.0E-03
193-39-5	~Indeno[1,2,3-cd]pyrene	0.878	0.878	0.878	5.7E-07	1.9E-07	8.8E-13	7.6E-07				
129-00-0	~Pyrene	2.17	2.17	2.17					9.2E-04	2.9E-04		1.2E-03
7782-49-2	Selenium	0.254	0.254	0.254					6.5E-04		2.1E-10	6.5E-04
7440-22-4	Silver	0.0978	0.0978	0.0978					2.5E-04			2.5E-04
7440-62-2	Vanadium and Compounds	16.2	16.2	16.2					4.1E-02		2.6E-06	4.1E-02
7440-66-6	Zinc and Compounds	165	165	165					7.0E-03			7.0E-03
						Cumulative:		1.6E-05				6.1E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
67-64-1	Acetone	0.0912	0.0912	0.0912					8.7E-08			8.7E-08
7440-36-0	Antimony (metallic)	0.511	0.511	0.511					1.1E-03		6.6E-09	1.1E-03
7440-38-2	Arsenic, Inorganic	1.34	1.34	1.34	3.7E-07	7.8E-08	7.9E-12	4.5E-07	2.3E-03	4.9E-04	3.4E-07	2.8E-03
7440-39-3	Barium	46.5	46.5	46.5					2.0E-04		3.6E-07	2.0E-04
100-52-7	Benzaldehyde	0.0888	0.0888	0.0888	1.1E-10			1.1E-10	7.6E-07			7.6E-07
7440-41-7	Beryllium and compounds	0.184	0.184	0.184			6.1E-13	6.1E-13	7.9E-05		3.5E-08	7.9E-05
7440-43-9	Cadmium (Diet)	0.275	0.275	0.275			6.8E-13	6.8E-13	2.4E-03	4.0E-04	1.1E-07	2.8E-03
16065-83-1b	Chromium(III) (Soluble Compounds)	10.1	10.1	10.1							6.5E-07	6.5E-07
7440-48-4	Cobalt	6.28	6.28	6.28			7.8E-11	7.8E-11	1.8E-02		4.0E-06	1.8E-02
7440-50-8	Copper	47.7	47.7	47.7					1.0E-03			1.0E-03
123-91-1	Dioxane, 1,4-	0.00862	0.00862	0.00862	2.6E-10		8.3E-11	3.5E-10	2.5E-07		1.6E-06	1.8E-06
7439-92-1	~Lead and Compounds	65.7	65.7	65.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	194	194	194					6.9E-03		1.5E-05	6.9E-03
7440-02-0	Nickel Soluble Salts	20.3	20.3	20.3			7.3E-12	7.3E-12	8.7E-04		7.8E-06	8.8E-04
14797-55-8	Nitrate (measured as nitrogen)	1.78	1.78	1.78					9.5E-07			9.5E-07
120-12-7	~Anthracene	0.0897	0.0897	0.0897					2.6E-07	1.4E-07		4.0E-07
56-55-3	~Benz[a]anthracene	0.885	0.885	0.885	2.7E-08	1.5E-08	9.2E-10	4.3E-08				
50-32-8	~Benzo[a]pyrene	1.04	1.04	1.04	3.2E-07	1.7E-07	8.6E-13	4.9E-07	3.0E-03	1.6E-03	2.0E-06	4.6E-03
205-99-2	~Benzo[b]fluoranthene	1.91	1.91	1.91	5.8E-08	3.2E-08	1.6E-13	9.1E-08				
207-08-9	~Benzo[k]fluoranthene	0.651	0.651	0.651	2.0E-09	1.1E-09	5.4E-15	3.1E-09				
218-01-9	~Chrysene	1.44	1.44	1.44	4.4E-10	2.4E-10	1.2E-15	6.8E-10				
53-70-3	~Dibenz[a,h]anthracene	0.187	0.187	0.187	5.7E-08	3.1E-08	1.5E-13	8.9E-08				
206-44-0	~Fluoranthene	2.44	2.44	2.44					5.2E-05	2.9E-05		8.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.878	0.878	0.878	2.7E-08	1.5E-08	7.2E-14	4.2E-08				
129-00-0	~Pyrene	2.17	2.17	2.17					6.2E-05	3.4E-05		9.6E-05
7782-49-2	Selenium	0.254	0.254	0.254					4.3E-05		4.9E-11	4.3E-05
7440-22-4	Silver	0.0978	0.0978	0.0978					1.7E-05			1.7E-05
7440-62-2	Vanadium and Compounds	16.2	16.2	16.2					2.8E-03		6.2E-07	2.8E-03
7440-66-6	Zinc and Compounds	165	165	165					4.7E-04			4.7E-04
						Cumulative:		1.2E-06				4.2E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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
67-64-1	Acetone	0.0912	0.0912	0.0912					5.6E-07			5.6E-07
7440-36-0	Antimony (metallic)	0.511	0.511	0.511					7.0E-03		9.8E-10	7.0E-03
7440-38-2	Arsenic, Inorganic	1.34	1.34	1.34	7.4E-07	1.0E-07	1.2E-12	8.5E-07	1.5E-02	1.7E-03	5.2E-08	1.6E-02
7440-39-3	Barium	46.5	46.5	46.5					1.3E-03		5.4E-08	1.3E-03
100-52-7	Benzaldehyde	0.0888	0.0888	0.0888	2.2E-10			2.2E-10	4.9E-06			4.9E-06
7440-41-7	Beryllium and compounds	0.184	0.184	0.184			9.5E-14	9.5E-14	5.0E-04		5.3E-09	5.0E-04
7440-43-9	Cadmium (Diet)	0.275	0.275	0.275			1.1E-13	1.1E-13	1.5E-02	1.4E-03	1.6E-08	1.6E-02
16065-83-1b	Chromium(III) (Soluble Compounds)	10.1	10.1	10.1							9.7E-08	9.7E-08
7440-48-4	Cobalt	6.28	6.28	6.28			1.2E-11	1.2E-11	1.1E-01		6.0E-07	1.1E-01
7440-50-8	Copper	47.7	47.7	47.7					6.5E-03			6.5E-03
123-91-1	Dioxane, 1,4-	0.00862	0.00862	0.00862	5.3E-10		1.3E-11	5.4E-10	1.6E-06		2.3E-07	1.8E-06
7439-92-1	~Lead and Compounds	65.7	65.7	65.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	194	194	194					4.4E-02		2.2E-06	4.4E-02
7440-02-0	Nickel Soluble Salts	20.3	20.3	20.3			1.1E-12	1.1E-12	5.6E-03		1.2E-06	5.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.78	1.78	1.78					6.1E-06			6.1E-06
120-12-7	~Anthracene	0.0897	0.0897	0.0897					1.6E-06	5.1E-07		2.1E-06
56-55-3	~Benz[a]anthracene	0.885	0.885	0.885	2.5E-07	8.3E-08	4.0E-10	3.3E-07				
50-32-8	~Benzo[a]pyrene	1.04	1.04	1.04	**2.9E-06**	9.7E-07	3.7E-13	**3.9E-06**	1.9E-02	5.9E-03	3.0E-07	2.5E-02
205-99-2	~Benzo[b]fluoranthene	1.91	1.91	1.91	5.3E-07	1.8E-07	6.8E-14	7.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.651	0.651	0.651	1.8E-08	6.1E-09	2.3E-15	2.4E-08				
218-01-9	~Chrysene	1.44	1.44	1.44	4.0E-09	1.3E-09	5.1E-16	5.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.187	0.187	0.187	5.2E-07	1.7E-07	6.7E-14	7.0E-07				
206-44-0	~Fluoranthene	2.44	2.44	2.44					3.3E-04	1.0E-04		4.4E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.878	0.878	0.878	2.5E-07	8.2E-08	3.1E-14	3.3E-07				
129-00-0	~Pyrene	2.17	2.17	2.17					4.0E-04	1.2E-04		5.2E-04
7782-49-2	Selenium	0.254	0.254	0.254					2.8E-04		7.3E-12	2.8E-04
7440-22-4	Silver	0.0978	0.0978	0.0978					1.1E-04			1.1E-04
7440-62-2	Vanadium and Compounds	16.2	16.2	16.2					1.8E-02		9.4E-08	1.8E-02
7440-66-6	Zinc and Compounds	165	165	165					3.0E-03			3.0E-03
						Cumulative:		6.8E-06				2.6E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-7 Risk Assessment
Submittal Date:	2/24/2026
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: NONCD0000824

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
0.0563	J	67-64-1	Acetone			mg/kg	SED-7									
0.0744	J	98-86-2	Acetophenone			mg/kg	SED-7									
0.535	J	7440-36-0	Antimony (metallic)			mg/kg	SED-7									
1.85		7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
77		7440-39-3	Barium			mg/kg	SED-7									
0.232	J	100-52-7	Benzaldehyde			mg/kg	SED-7									
0.329	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
4.55	J	92-52-4	Biphenyl, 1,1'-			mg/kg	SED-7									
0.548		7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
0.292	J	18540-29-9	Chromium(VI)			mg/kg	SED-7									
4.57		7440-48-4	Cobalt			mg/kg	SED-7									
33		7440-50-8	Copper			mg/kg	SED-7									
0.00576		123-91-1	Dioxane, 1,4-			mg/kg	SED-7									
36.7		132-64-9	~Dibenzofuran			mg/kg	SED-7									
61.6		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
229		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
0.0423	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-7									
11.2	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
2.83	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-7									
0.37	J	86-30-6	Nitrosodiphenylamine, N-			mg/kg	SED-7									
0.729		108-95-2	Phenol			mg/kg	SED-7									
37.5		83-32-9	~Acenaphthene			mg/kg	SED-7									
69.1		120-12-7	~Anthracene			mg/kg	SED-7									
102		50-32-8	~Benzo[a]pyrene			mg/kg	SED-7									
147		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
61.3		207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-7									
17.3		53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-7									
313		206-44-0	~Fluoranthene			mg/kg	SED-7									
38.8		86-73-7	~Fluorene			mg/kg	SED-7									
68.4		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-7									
21.2		91-57-6	~Methylnaphthalene, 2-			mg/kg	SED-7									
52.8		91-20-3	~Naphthalene			mg/kg	SED-7									
234		129-00-0	~Pyrene			mg/kg	SED-7									
0.383	J	7782-49-2	Selenium			mg/kg	SED-7									
0.119	J B	7440-22-4	Silver			mg/kg	SED-7									
0.0544	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-7									
15		7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
187		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: NONCD0000824

Exposure Unit ID: SED-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.3E-03	7.6E+00	YES
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.4E-05	6.6E-01	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.4E-04	3.1E+00	YES
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	0.0563	0.0563	0.0563					8.0E-07			8.0E-07
98-86-2	Acetophenone	0.0744	0.0744	0.0744					9.5E-06			9.5E-06
7440-36-0	Antimony (metallic)	0.535	0.535	0.535					1.7E-02		2.9E-08	1.7E-02
7440-38-2	Arsenic, Inorganic	1.85	1.85	1.85	**2.4E-06**	3.4E-07	4.8E-11	2.7E-06	4.7E-02	5.6E-03	2.0E-06	5.3E-02
7440-39-3	Barium	77	77	77					4.9E-03		2.5E-06	4.9E-03
100-52-7	Benzaldehyde	0.232	0.232	0.232	1.3E-09			1.3E-09	3.0E-05			3.0E-05
7440-41-7	Beryllium and compounds	0.329	0.329	0.329			4.7E-12	4.7E-12	2.1E-03		2.7E-07	2.1E-03
92-52-4	Biphenyl, 1,1'-	4.55	4.55	4.55	5.2E-08			5.2E-08	1.2E-04		9.0E-02	9.0E-02
460-00-4	Bromo-4-fluorobenzene, 1-	0.0647	0.0647	0.0647					2.8E-03			2.8E-03
7440-43-9	Cadmium (Diet)	0.548	0.548	0.548			5.9E-12	5.9E-12	7.0E-02	6.7E-03	8.9E-07	7.7E-02
18540-29-9	Chromium(VI)	0.292	0.292	0.292	3.1E-07		5.3E-11	3.1E-07	4.1E-03		1.6E-07	4.1E-03
7440-48-4	Cobalt	4.57	4.57	4.57			2.5E-10	2.5E-10	1.9E-01		1.2E-05	1.9E-01
7440-50-8	Copper	33	33	33					1.1E-02			1.1E-02
123-91-1	Dioxane, 1,4-	0.00576	0.00576	0.00576	8.3E-10		2.4E-10	1.1E-09	2.5E-06		4.4E-06	6.8E-06
132-64-9	~Dibenzofuran	36.7	36.7	36.7					**4.7E-01**			**4.7E-01**
7439-92-1	~Lead and Compounds	61.6	61.6	61.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	229	229	229					1.2E-01		7.4E-05	1.2E-01
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0423	0.0423	0.0423					1.8E-03		2.3E-09	1.8E-03
7440-02-0	Nickel Soluble Salts	11.2	11.2	11.2			1.7E-11	1.7E-11	7.2E-03		1.8E-05	7.2E-03
14797-55-8	Nitrate (measured as nitrogen)	2.83	2.83	2.83					2.3E-05			2.3E-05
86-30-6	Nitrosodiphenylamine, N-	0.37	0.37	0.37	2.6E-09	7.3E-10	5.8E-15	3.3E-09				
108-95-2	Phenol	0.729	0.729	0.729					3.1E-05	7.4E-06	5.9E-11	3.8E-05
83-32-9	~Acenaphthene	37.5	37.5	37.5					8.0E-03	2.5E-03		1.0E-02
120-12-7	~Anthracene	69.1	69.1	69.1					2.9E-03	9.1E-04		3.9E-03
50-32-8	~Benzo[a]pyrene	102	102	102	**6.7E-04**	**2.2E-04**	1.0E-09	8.9E-04	**4.3E+00**	**1.3E+00**	8.2E-04	**5.7E+00**
205-99-2	~Benzo[b]fluoranthene	147	147	147	**9.6E-05**	**3.2E-05**	1.5E-10	1.3E-04				
207-08-9	~Benzo[k]fluoranthene	61.3	61.3	61.3	**4.0E-06**	**1.3E-06**	6.1E-12	5.3E-06				
53-70-3	~Dibenz[a,h]anthracene	17.3	17.3	17.3	**1.1E-04**	**3.8E-05**	1.7E-10	1.5E-04				
206-44-0	~Fluoranthene	313	313	313					1.0E-01	3.1E-02		1.3E-01
86-73-7	~Fluorene	38.8	38.8	38.8					1.2E-02	3.8E-03		1.6E-02
193-39-5	~Indeno[1,2,3-cd]pyrene	68.4	68.4	68.4	**4.5E-05**	**1.5E-05**	6.8E-11	6.0E-05				
91-57-6	~Methylnaphthalene, 2-	21.2	21.2	21.2					6.8E-02	2.1E-02		8.9E-02
91-20-3	~Naphthalene	52.8	52.8	52.8	**9.1E-06**	**3.3E-06**	**1.3E-05**	2.5E-05	3.4E-02	1.0E-02	**3.4E-01**	**3.9E-01**
129-00-0	~Pyrene	234	234	234					1.0E-01	3.1E-02		1.3E-01
7782-49-2	Selenium	0.383	0.383	0.383					9.8E-04		3.1E-10	9.8E-04
7440-22-4	Silver	0.119	0.119	0.119					3.0E-04			3.0E-04
7440-28-0	Thallium (Soluble Salts)	0.0544	0.0544	0.0544					7.0E-02			7.0E-02
118-79-6	Tribromophenol, 2,4,6-	0.645	0.645	0.645					9.2E-04	2.2E-04		1.1E-03
7440-62-2	Vanadium and Compounds	15	15	15					3.8E-02		2.4E-06	3.8E-02
7440-66-6	Zinc and Compounds	187	187	187					8.0E-03			8.0E-03
						Cumulative:		**1.3E-03**				**7.6E+00**

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	0.0563	0.0563	0.0563					5.4E-08			5.4E-08
98-86-2	Acetophenone	0.0744	0.0744	0.0744					6.4E-07			6.4E-07
7440-36-0	Antimony (metallic)	0.535	0.535	0.535					1.1E-03		6.9E-09	1.1E-03
7440-38-2	Arsenic, Inorganic	1.85	1.85	1.85	5.1E-07	1.1E-07	1.1E-11	6.2E-07	3.2E-03	6.7E-04	4.7E-07	3.8E-03
7440-39-3	Barium	77	77	77					3.3E-04		5.9E-07	3.3E-04
100-52-7	Benzaldehyde	0.232	0.232	0.232	2.8E-10			2.8E-10	2.0E-06			2.0E-06
7440-41-7	Beryllium and compounds	0.329	0.329	0.329			1.1E-12	1.1E-12	1.4E-04		6.3E-08	1.4E-04
92-52-4	Biphenyl, 1,1'-	4.55	4.55	4.55	1.1E-08			1.1E-08	7.8E-06		2.1E-02	2.1E-02
460-00-4	Bromo-4-fluorobenzene, 1-	0.0647	0.0647	0.0647					1.8E-04			1.8E-04
7440-43-9	Cadmium (Diet)	0.548	0.548	0.548			1.4E-12	1.4E-12	4.7E-03	7.9E-04	2.1E-07	5.5E-03
18540-29-9	Chromium(VI)	0.292	0.292	0.292	1.4E-08		4.4E-12	1.4E-08	2.8E-04		3.7E-08	2.8E-04
7440-48-4	Cobalt	4.57	4.57	4.57			5.7E-11	5.7E-11	1.3E-02		2.9E-06	1.3E-02
7440-50-8	Copper	33	33	33					7.1E-04			7.1E-04
123-91-1	Dioxane, 1,4-	0.00576	0.00576	0.00576	1.8E-10		5.6E-11	2.3E-10	1.6E-07		1.0E-06	1.2E-06
132-64-9	~Dibenzofuran	36.7	36.7	36.7					3.1E-02			3.1E-02
7439-92-1	~Lead and Compounds	61.6	61.6	61.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	229	229	229					8.2E-03		1.8E-05	8.2E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0423	0.0423	0.0423					1.2E-04		5.4E-10	1.2E-04
7440-02-0	Nickel Soluble Salts	11.2	11.2	11.2			4.0E-12	4.0E-12	4.8E-04		4.3E-06	4.8E-04
14797-55-8	Nitrate (measured as nitrogen)	2.83	2.83	2.83					1.5E-06			1.5E-06
86-30-6	Nitrosodiphenylamine, N-	0.37	0.37	0.37	5.5E-10	2.3E-10	1.3E-15	7.9E-10				
108-95-2	Phenol	0.729	0.729	0.729					2.1E-06	8.8E-07	1.4E-11	3.0E-06
83-32-9	~Acenaphthene	37.5	37.5	37.5					5.4E-04	2.9E-04		8.3E-04
120-12-7	~Anthracene	69.1	69.1	69.1					2.0E-04	1.1E-04		3.1E-04
50-32-8	~Benzo[a]pyrene	102	102	102	**3.1E-05**	**1.7E-05**	8.4E-11	**4.8E-05**	**2.9E-01**	1.6E-01	2.0E-04	**4.5E-01**
205-99-2	~Benzo[b]fluoranthene	147	147	147	**4.5E-06**	**2.5E-06**	1.2E-11	**7.0E-06**				
207-08-9	~Benzo[k]fluoranthene	61.3	61.3	61.3	1.9E-07	1.0E-07	5.1E-13	2.9E-07				
53-70-3	~Dibenz[a,h]anthracene	17.3	17.3	17.3	**5.3E-06**	**2.9E-06**	1.4E-11	**8.2E-06**				
206-44-0	~Fluoranthene	313	313	313					6.7E-03	3.7E-03		1.0E-02
86-73-7	~Fluorene	38.8	38.8	38.8					8.3E-04	4.6E-04		1.3E-03
193-39-5	~Indeno[1,2,3-cd]pyrene	68.4	68.4	68.4	**2.1E-06**	**1.2E-06**	5.6E-12	**3.2E-06**				
91-57-6	~Methylnaphthalene, 2-	21.2	21.2	21.2					4.5E-03	2.5E-03		7.0E-03
91-20-3	~Naphthalene	52.8	52.8	52.8	**1.9E-06**	**1.1E-06**	**3.0E-06**	**6.0E-06**	2.3E-03	1.2E-03	8.1E-02	8.5E-02
129-00-0	~Pyrene	234	234	234					6.7E-03	3.7E-03		1.0E-02
7782-49-2	Selenium	0.383	0.383	0.383					6.6E-05		7.4E-11	6.6E-05
7440-22-4	Silver	0.119	0.119	0.119					2.0E-05			2.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0544	0.0544	0.0544					4.7E-03			4.7E-03
118-79-6	Tribromophenol, 2,4,6-	0.645	0.645	0.645					6.1E-05	2.6E-05		8.7E-05
7440-62-2	Vanadium and Compounds	15	15	15					2.5E-03		5.8E-07	2.5E-03
7440-66-6	Zinc and Compounds	187	187	187					5.3E-04			5.3E-04
						Cumulative:		7.4E-05				6.6E-01

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

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	0.0563	0.0563	0.0563					3.4E-07			3.4E-07
98-86-2	Acetophenone	0.0744	0.0744	0.0744					4.1E-06			4.1E-06
7440-36-0	Antimony (metallic)	0.535	0.535	0.535					7.3E-03		1.0E-09	7.3E-03
7440-38-2	Arsenic, Inorganic	1.85	1.85	1.85	**1.0E-06**	1.4E-07	1.7E-12	**1.2E-06**	2.0E-02	2.4E-03	7.1E-08	2.3E-02
7440-39-3	Barium	77	77	77					2.1E-03		8.9E-08	2.1E-03
100-52-7	Benzaldehyde	0.232	0.232	0.232	5.7E-10			5.7E-10	1.3E-05			1.3E-05
7440-41-7	Beryllium and compounds	0.329	0.329	0.329			1.7E-13	1.7E-13	9.0E-04		9.5E-09	9.0E-04
92-52-4	Biphenyl, 1,1'-	4.55	4.55	4.55	2.2E-08			2.2E-08	5.0E-05		3.2E-03	3.3E-03
460-00-4	Bromo-4-fluorobenzene, 1-	0.0647	0.0647	0.0647					1.2E-03			1.2E-03
7440-43-9	Cadmium (Diet)	0.548	0.548	0.548			2.1E-13	2.1E-13	3.0E-02	2.9E-03	3.2E-08	3.3E-02
18540-29-9	Chromium(VI)	0.292	0.292	0.292	1.3E-07		1.9E-12	1.3E-07	1.8E-03		5.6E-09	1.8E-03
7440-48-4	Cobalt	4.57	4.57	4.57			8.8E-12	8.8E-12	8.3E-02		4.4E-07	8.3E-02
7440-50-8	Copper	33	33	33					4.5E-03			4.5E-03
123-91-1	Dioxane, 1,4-	0.00576	0.00576	0.00576	3.6E-10		8.7E-12	3.6E-10	1.1E-06		1.6E-07	1.2E-06
132-64-9	~Dibenzofuran	36.7	36.7	36.7					**2.0E-01**			**2.0E-01**
7439-92-1	~Lead and Compounds	61.6	61.6	61.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	229	229	229					5.2E-02		2.6E-06	5.2E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0423	0.0423	0.0423					7.7E-04		8.1E-11	7.7E-04
7440-02-0	Nickel Soluble Salts	11.2	11.2	11.2			6.2E-13	6.2E-13	3.1E-03		6.5E-07	3.1E-03
14797-55-8	Nitrate (measured as nitrogen)	2.83	2.83	2.83					9.7E-06			9.7E-06
86-30-6	Nitrosodiphenylamine, N-	0.37	0.37	0.37	1.1E-09	3.1E-10	2.1E-16	1.4E-09				
108-95-2	Phenol	0.729	0.729	0.729					1.3E-05	3.2E-06	2.1E-12	1.6E-05
83-32-9	~Acenaphthene	37.5	37.5	37.5					3.4E-03	1.1E-03		4.5E-03
120-12-7	~Anthracene	69.1	69.1	69.1					1.3E-03	3.9E-04		1.7E-03
50-32-8	~Benzo[a]pyrene	102	102	102	**2.9E-04**	**9.5E-05**	3.6E-11	**3.8E-04**	**1.9E+00**	**5.7E-01**	2.9E-05	**2.4E+00**
205-99-2	~Benzo[b]fluoranthene	147	147	147	**4.1E-05**	**1.4E-05**	5.2E-12	**5.5E-05**				
207-08-9	~Benzo[k]fluoranthene	61.3	61.3	61.3	**1.7E-06**	5.7E-07	2.2E-13	**2.3E-06**				
53-70-3	~Dibenz[a,h]anthracene	17.3	17.3	17.3	**4.8E-05**	**1.6E-05**	6.2E-12	**6.5E-05**				
206-44-0	~Fluoranthene	313	313	313					4.3E-02	1.3E-02		5.6E-02
86-73-7	~Fluorene	38.8	38.8	38.8					5.3E-03	1.6E-03		7.0E-03
193-39-5	~Indeno[1,2,3-cd]pyrene	68.4	68.4	68.4	**1.9E-05**	**6.4E-06**	2.4E-12	**2.6E-05**				
91-57-6	~Methylnaphthalene, 2-	21.2	21.2	21.2					2.9E-02	9.0E-03		3.8E-02
91-20-3	~Naphthalene	52.8	52.8	52.8	**3.9E-06**	**1.4E-06**	4.6E-07	**5.8E-06**	1.4E-02	4.5E-03	1.2E-02	3.1E-02
129-00-0	~Pyrene	234	234	234					4.3E-02	1.3E-02		5.6E-02
7782-49-2	Selenium	0.383	0.383	0.383					4.2E-04		1.1E-11	4.2E-04
7440-22-4	Silver	0.119	0.119	0.119					1.3E-04			1.3E-04
7440-28-0	Thallium (Soluble Salts)	0.0544	0.0544	0.0544					3.0E-02			3.0E-02
118-79-6	Tribromophenol, 2,4,6-	0.645	0.645	0.645					3.9E-04	9.3E-05		4.9E-04
7440-62-2	Vanadium and Compounds	15	15	15					1.6E-02		8.7E-08	1.6E-02
7440-66-6	Zinc and Compounds	187	187	187					3.4E-03			3.4E-03
						Cumulative:		**5.4E-04**				**3.1E+00**

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-8 Risk Assessment
Submittal Date:	2/26/2026
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: NONCD0000824

Exposure Unit ID: SED-8 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SED-5. 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
0.0582	J	67-64-1	Acetone			mg/kg	SED-8									
0.482	J	7440-36-0	Antimony (metallic)			mg/kg	SED-8									
1.07		7440-38-2	Arsenic, Inorganic			mg/kg	SED-8									
45.1		7440-39-3	Barium			mg/kg	SED-8									
0.177	J	100-52-7	Benzaldehyde			mg/kg	SED-8									
0.219	J	7440-41-7	Beryllium and compounds			mg/kg	SED-8									
0.206	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-8									
6.76		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-8									
3.57		7440-48-4	Cobalt			mg/kg	SED-8									
18.7		7440-50-8	Copper			mg/kg	SED-8									
0.00512	J	123-91-1	Dioxane, 1,4-			mg/kg	SED-8									
47.4		7439-92-1	~Lead and Compounds			mg/kg	SED-8									
164		7439-96-5	Manganese (Non-diet)			mg/kg	SED-8									
9.17	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-8									
2.34	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.0725	J	120-12-7	~Anthracene			mg/kg	SED-8									
0.503		56-55-3	~Benz[a]anthracene			mg/kg	SED-8									
0.578		50-32-8	~Benzo[a]pyrene			mg/kg	SED-8									
1.09		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-8									
0.344	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-8									
0.819		218-01-9	~Chrysene			mg/kg	SED-8									
0.113	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-8									
1.48		206-44-0	~Fluoranthene			mg/kg	SED-8									
0.532		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-8									
0.0499	J	91-57-6	~Methylnaphthalene, 2-			mg/kg	SED-8									
1.19		129-00-0	~Pyrene			mg/kg	SED-8									
0.163	J	7782-49-2	Selenium			mg/kg	SED-8									
0.059	J B	7440-22-4	Silver			mg/kg	SED-8									
10.6		7440-62-2	Vanadium and Compounds			mg/kg	SED-8									
110		7440-66-6	Zinc and Compounds			mg/kg	SED-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	9.5E-06	4.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.9E-07	2.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	4.1E-06	1.7E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO
Non-Residential Worker	Groundwater to Indoor Air	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	0.0E+00	0.0E+00	NO

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0582	0.0582	0.0582					8.3E-07			8.3E-07
7440-36-0	Antimony (metallic)	0.482	0.482	0.482					1.5E-02		2.6E-08	1.5E-02
7440-38-2	Arsenic, Inorganic	1.07	1.07	1.07	**1.4E-06**	1.9E-07	2.8E-11	1.6E-06	2.7E-02	3.2E-03	1.2E-06	3.1E-02
7440-39-3	Barium	45.1	45.1	45.1					2.9E-03		1.5E-06	2.9E-03
100-52-7	Benzaldehyde	0.177	0.177	0.177	1.0E-09			1.0E-09	2.3E-05			2.3E-05
7440-41-7	Beryllium and compounds	0.219	0.219	0.219			3.2E-12	3.2E-12	1.4E-03		1.8E-07	1.4E-03
7440-43-9	Cadmium (Diet)	0.206	0.206	0.206			2.2E-12	2.2E-12	2.6E-02	2.5E-03	3.3E-07	2.9E-02
16065-83-1	Chromium(III), Insoluble Salts	6.76	6.76	6.76					5.8E-05			5.8E-05
7440-48-4	Cobalt	3.57	3.57	3.57			1.9E-10	1.9E-10	1.5E-01		9.6E-06	1.5E-01
7440-50-8	Copper	18.7	18.7	18.7					6.0E-03			6.0E-03
123-91-1	Dioxane, 1,4-	0.00512	0.00512	0.00512	7.4E-10		2.2E-10	9.5E-10	2.2E-06		3.9E-06	6.1E-06
7439-92-1	~Lead and Compounds	47.4	47.4	47.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	164	164	164					8.7E-02		5.3E-05	8.7E-02
7440-02-0	Nickel Soluble Salts	9.17	9.17	9.17			1.4E-11	1.4E-11	5.9E-03		1.5E-05	5.9E-03
14797-55-8	Nitrate (measured as nitrogen)	2.34	2.34	2.34					1.9E-05			1.9E-05
120-12-7	~Anthracene	0.0725	0.0725	0.0725					3.1E-06	9.5E-07		4.0E-06
56-55-3	~Benz[a]anthracene	0.503	0.503	0.503	3.3E-07	1.1E-07	6.3E-09	4.4E-07				
50-32-8	~Benzo[a]pyrene	0.578	0.578	0.578	**3.8E-06**	**1.3E-06**	5.8E-12	5.0E-06	2.5E-02	7.6E-03	4.7E-06	3.2E-02
205-99-2	~Benzo[b]fluoranthene	1.09	1.09	1.09	7.1E-07	2.4E-07	1.1E-12	9.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.344	0.344	0.344	2.2E-08	7.5E-09	3.4E-14	3.0E-08				
218-01-9	~Chrysene	0.819	0.819	0.819	5.3E-09	1.8E-09	8.2E-15	7.1E-09				
53-70-3	~Dibenz[a,h]anthracene	0.113	0.113	0.113	7.4E-07	2.5E-07	1.1E-12	9.8E-07				
206-44-0	~Fluoranthene	1.48	1.48	1.48					4.7E-04	1.5E-04		6.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.532	0.532	0.532	3.5E-07	1.2E-07	5.3E-13	4.6E-07				
91-57-6	~Methylnaphthalene, 2-	0.0499	0.0499	0.0499					1.6E-04	4.9E-05		2.1E-04
129-00-0	~Pyrene	1.19	1.19	1.19					5.1E-04	1.6E-04		6.6E-04
7782-49-2	Selenium	0.163	0.163	0.163					4.2E-04		1.3E-10	4.2E-04
7440-22-4	Silver	0.059	0.059	0.059					1.5E-04			1.5E-04
7440-62-2	Vanadium and Compounds	10.6	10.6	10.6					2.7E-02		1.7E-06	2.7E-02
7440-66-6	Zinc and Compounds	110	110	110					4.7E-03			4.7E-03
						Cumulative:		9.5E-06				4.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0582	0.0582	0.0582					5.5E-08			5.5E-08
7440-36-0	Antimony (metallic)	0.482	0.482	0.482					1.0E-03		6.2E-09	1.0E-03
7440-38-2	Arsenic, Inorganic	1.07	1.07	1.07	2.9E-07	6.2E-08	6.3E-12	3.6E-07	1.8E-03	3.9E-04	2.7E-07	2.2E-03
7440-39-3	Barium	45.1	45.1	45.1					1.9E-04		3.5E-07	1.9E-04
100-52-7	Benzaldehyde	0.177	0.177	0.177	2.2E-10			2.2E-10	1.5E-06			1.5E-06
7440-41-7	Beryllium and compounds	0.219	0.219	0.219			7.2E-13	7.2E-13	9.4E-05		4.2E-08	9.4E-05
7440-43-9	Cadmium (Diet)	0.206	0.206	0.206			5.1E-13	5.1E-13	1.8E-03	3.0E-04	7.9E-08	2.1E-03
16065-83-1	Chromium(III), Insoluble Salts	6.76	6.76	6.76					3.9E-06			3.9E-06
7440-48-4	Cobalt	3.57	3.57	3.57			4.4E-11	4.4E-11	1.0E-02		2.3E-06	1.0E-02
7440-50-8	Copper	18.7	18.7	18.7					4.0E-04			4.0E-04
123-91-1	Dioxane, 1,4-	0.00512	0.00512	0.00512	1.6E-10		5.0E-11	2.1E-10	1.5E-07		9.2E-07	1.1E-06
7439-92-1	~Lead and Compounds	47.4	47.4	47.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	164	164	164					5.9E-03		1.3E-05	5.9E-03
7440-02-0	Nickel Soluble Salts	9.17	9.17	9.17			3.3E-12	3.3E-12	3.9E-04		3.5E-06	4.0E-04
14797-55-8	Nitrate (measured as nitrogen)	2.34	2.34	2.34					1.3E-06			1.3E-06
120-12-7	~Anthracene	0.0725	0.0725	0.0725					2.1E-07	1.1E-07		3.2E-07
56-55-3	~Benz[a]anthracene	0.503	0.503	0.503	1.5E-08	8.5E-09	5.2E-10	2.4E-08				
50-32-8	~Benzo[a]pyrene	0.578	0.578	0.578	1.8E-07	9.7E-08	4.8E-13	2.7E-07	1.6E-03	9.1E-04	1.1E-06	2.6E-03
205-99-2	~Benzo[b]fluoranthene	1.09	1.09	1.09	3.3E-08	1.8E-08	9.0E-14	5.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.344	0.344	0.344	1.1E-09	5.8E-10	2.8E-15	1.6E-09				
218-01-9	~Chrysene	0.819	0.819	0.819	2.5E-10	1.4E-10	6.8E-16	3.9E-10				
53-70-3	~Dibenz[a,h]anthracene	0.113	0.113	0.113	3.5E-08	1.9E-08	9.3E-14	5.4E-08				
206-44-0	~Fluoranthene	1.48	1.48	1.48					3.2E-05	1.7E-05		4.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.532	0.532	0.532	1.6E-08	9.0E-09	4.4E-14	2.5E-08				
91-57-6	~Methylnaphthalene, 2-	0.0499	0.0499	0.0499					1.1E-05	5.9E-06		1.7E-05
129-00-0	~Pyrene	1.19	1.19	1.19					3.4E-05	1.9E-05		5.3E-05
7782-49-2	Selenium	0.163	0.163	0.163					2.8E-05		3.1E-11	2.8E-05
7440-22-4	Silver	0.059	0.059	0.059					1.0E-05			1.0E-05
7440-62-2	Vanadium and Compounds	10.6	10.6	10.6					1.8E-03		4.1E-07	1.8E-03
7440-66-6	Zinc and Compounds	110	110	110					3.1E-04			3.1E-04
						Cumulative:		7.9E-07				2.7E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0582	0.0582	0.0582					3.5E-07			3.5E-07
7440-36-0	Antimony (metallic)	0.482	0.482	0.482					6.6E-03		9.3E-10	6.6E-03
7440-38-2	Arsenic, Inorganic	1.07	1.07	1.07	5.9E-07	8.4E-08	9.9E-13	6.8E-07	1.2E-02	1.4E-03	4.1E-08	1.3E-02
7440-39-3	Barium	45.1	45.1	45.1					1.2E-03		5.2E-08	1.2E-03
100-52-7	Benzaldehyde	0.177	0.177	0.177	4.4E-10			4.4E-10	9.7E-06			9.7E-06
7440-41-7	Beryllium and compounds	0.219	0.219	0.219			1.1E-13	1.1E-13	6.0E-04		6.3E-09	6.0E-04
7440-43-9	Cadmium (Diet)	0.206	0.206	0.206			8.0E-14	8.0E-14	1.1E-02	1.1E-03	1.2E-08	1.2E-02
16065-83-1	Chromium(III), Insoluble Salts	6.76	6.76	6.76					2.5E-05			2.5E-05
7440-48-4	Cobalt	3.57	3.57	3.57			6.9E-12	6.9E-12	6.5E-02		3.4E-07	6.5E-02
7440-50-8	Copper	18.7	18.7	18.7					2.6E-03			2.6E-03
123-91-1	Dioxane, 1,4-	0.00512	0.00512	0.00512	3.2E-10		7.7E-12	3.2E-10	9.4E-07		1.4E-07	1.1E-06
7439-92-1	~Lead and Compounds	47.4	47.4	47.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	164	164	164					3.7E-02		1.9E-06	3.7E-02
7440-02-0	Nickel Soluble Salts	9.17	9.17	9.17			5.1E-13	5.1E-13	2.5E-03		5.3E-07	2.5E-03
14797-55-8	Nitrate (measured as nitrogen)	2.34	2.34	2.34					8.0E-06			8.0E-06
120-12-7	~Anthracene	0.0725	0.0725	0.0725					1.3E-06	4.1E-07		1.7E-06
56-55-3	~Benz[a]anthracene	0.503	0.503	0.503	1.4E-07	4.7E-08	2.3E-10	1.9E-07				
50-32-8	~Benzo[a]pyrene	0.578	0.578	0.578	**1.6E-06**	5.4E-07	2.1E-13	**2.2E-06**	1.1E-02	3.3E-03	1.7E-07	1.4E-02
205-99-2	~Benzo[b]fluoranthene	1.09	1.09	1.09	3.1E-07	1.0E-07	3.9E-14	4.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.344	0.344	0.344	9.6E-09	3.2E-09	1.2E-15	1.3E-08				
218-01-9	~Chrysene	0.819	0.819	0.819	2.3E-09	7.6E-10	2.9E-16	3.1E-09				
53-70-3	~Dibenz[a,h]anthracene	0.113	0.113	0.113	3.2E-07	1.1E-07	4.0E-14	4.2E-07				
206-44-0	~Fluoranthene	1.48	1.48	1.48					2.0E-04	6.3E-05		2.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.532	0.532	0.532	1.5E-07	5.0E-08	1.9E-14	2.0E-07				
91-57-6	~Methylnaphthalene, 2-	0.0499	0.0499	0.0499					6.8E-05	2.1E-05		8.9E-05
129-00-0	~Pyrene	1.19	1.19	1.19					2.2E-04	6.7E-05		2.8E-04
7782-49-2	Selenium	0.163	0.163	0.163					1.8E-04		4.7E-12	1.8E-04
7440-22-4	Silver	0.059	0.059	0.059					6.5E-05			6.5E-05
7440-62-2	Vanadium and Compounds	10.6	10.6	10.6					1.2E-02		6.1E-08	1.2E-02
7440-66-6	Zinc and Compounds	110	110	110					2.0E-03			2.0E-03
						Cumulative:		4.1E-06				1.7E-01