Remedial Investigation Report
City of Durham Parks – Walltown Park, NONCD0000824
1308 W. Club Boulevard, Durham, North Carolina
Task Order RI-9A
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 06, 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-9A
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-9A 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.

Jonathan Olanin

Jonathan Olanin
Environmental Scientist I
jonathanolanin@smeinc.com

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

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

Attachment: Remedial Investigation Report

Table of Contents

1.0 Summary of Current Investigation 1

2.0 Landfill Gas Assessment 1

2.1 Soil Gas Probe and Implant Field Screening Methods 1

2.2 Landfill Gas Screening Results 2

2.2.1 Volatile Organic Compounds 2

2.2.2 Methane 2

2.2.3 Hydrogen Sulfide 2

2.3 Landfill Gas Sampling 2

2.3.1 Shut-in Testing 2

2.3.2 Helium Leak Testing 2

2.3.3 Purging and Sampling 3

2.4 Landfill Gas Sample Results 3

3.0 Groundwater Assessment 4

3.1 Monitor Well Purging and Sampling 4

3.2 Monitor Well Sample Results 4

4.0 Surface Water and Sediment Sampling 4

4.1.1 Surface Water Sampling Results 5

4.1.2 Sediment Sampling Results 5

5.0 NCDEQ Risk Calculator 5

5.1 Landfill Gas Samples 6

5.2 Surface Water Samples 6

5.3 Sediment Samples 6

6.0 Quality Control 6

6.1 Quality Control Samples 6

7.0 Work Plan Deviation 7

8.0 Sole Use Statement 7

9.0 Certification Acknowledgement 8

Table of Contents

List of Tables

Table 1 – Landfill Gas Probe & Gas Implant Construction Details
Table 2 – Landfill Gas Field Screening Results
Table 3 – Landfill Gas Sample Analytical Results Summary
Table 4 – Groundwater Monitor Well Construction Details & Groundwater Levels
Table 5 – Groundwater Field Screening Results
Table 6 – Groundwater Sample Analytical Results Summary
Table 7 – Surface Water Sample Analytical Results Summary
Table 8 – Sediment Sample Analytical Results

List of Figures

Figure 1 – Site Map
Figure 2 – Landfill Gas Risk Assessment & Laboratory Results Map
Figure 3 – Groundwater Analytical Results Map
Figure 4 – Groundwater Potentiometric Map
Figure 5 – Surface Water Analytical Results Map
Figure 6 – Sediment Sample Analytical Results Map

Appendices

Appendix I – Coordinates of Selected Features
Appendix II – S&ME Field Notes
Appendix III – Laboratory Analytical Reports and COC
Appendix IV – NCDEQ Risk Calculator Package

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-9A 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 November 4, 2025, landfill gas and offsite soil gas probes and implants that did not have high water levels were screened for landfill gas. 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 the LFGPs nor in any of the background screening locations.

2.2.2 Methane

During the screening event, methane was detected in each of the sample locations at 0.1% Volume in Air. This is considered negligible since the GEM5000 manufacturer specifies an approximate accuracy range of +/- 0.3% of the displayed reading for methane concentrations between 0% and 5%.

2.2.3 Hydrogen Sulfide

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

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

2.3 Landfill Gas Sampling

On November 10 and 11, 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 SILO canister on the other end. An open end of the sample array (three-way stopcock) was connected to a 100 ml/cc dedicated syringe. The syringe was then used to pull vacuum on the sample train (approximately 10" of Hg – indicated on the regulator vacuum 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 SILO 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 SILO 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 chains of custody 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 October 30, 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 October 31, 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 November 6, 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, metals by EPA Method 6020B, mercury by EPA Method 7470A/7471B, nitrate by EPA Method 9056A, sulfate by EPA Method SM 4500 SO4, and ammonia by EPA Method 350.1.

4.1.1 Surface Water Sampling Results

Table 7 summarizes the surface water sample analytical results from locations SW-1 through SW-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 non-carcinogenic hazard index was exceeded at the SED-6 sample location for the resident 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 individual sediment sample locations that had constituents which exceeded their respective laboratory detection limits which included LFGP-1, LFGP-2, LFGP-3, LFGP-4, LFGP-5, LFGP-8 and LFGP-9. Sample location SED-6 exceeded Hazard Index risk for the resident receptor, but not the non-residential or recreator/trespasser receptors. The remaining sediment samples did not exceed risk for the residential, non-residential, nor recreator/trespasser receptors.

Appendix V contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, called 824-LFGP-DUP, was collected on November 10, 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 824-MW-DUP-1, was collected on October 31, 2025, from MW-5. 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.

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-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

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

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

Signature of Environmental Consultant

April 6, 2026
Date

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

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

(OFFICIAL SEAL)

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

Wilma Craft
Notary Public (signature)

My commission expires: March 12 2028

Figures

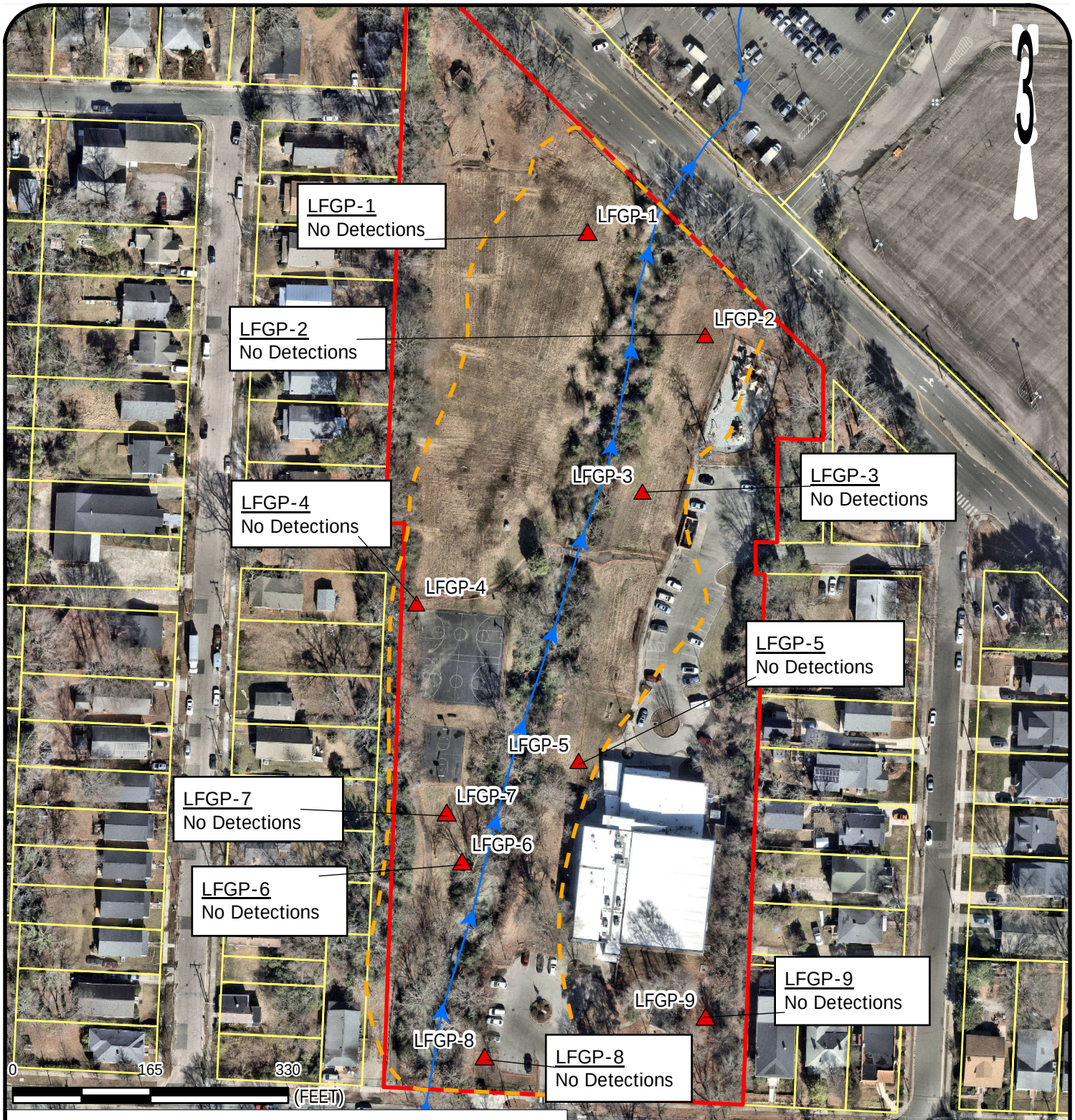
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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

SITE MAP

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 190 ft
DATE: 2/24/2026
PROJECT NUMBER 23050630
FIGURE NO. 1



NOTES:
LANDFILL GAS SCREENING WAS CONDUCTED ON NOVEMBER 4, 2025. ONLY DETECTIONS ABOVE THE BACKGROUND LEVELS ARE SHOWN. VOCs MEASURED IN PPM-V.
-VOC - VOLATILE ORGANIC CARBONS.
-PPM-V - PARTS PER MILLION BY VOLUME.
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

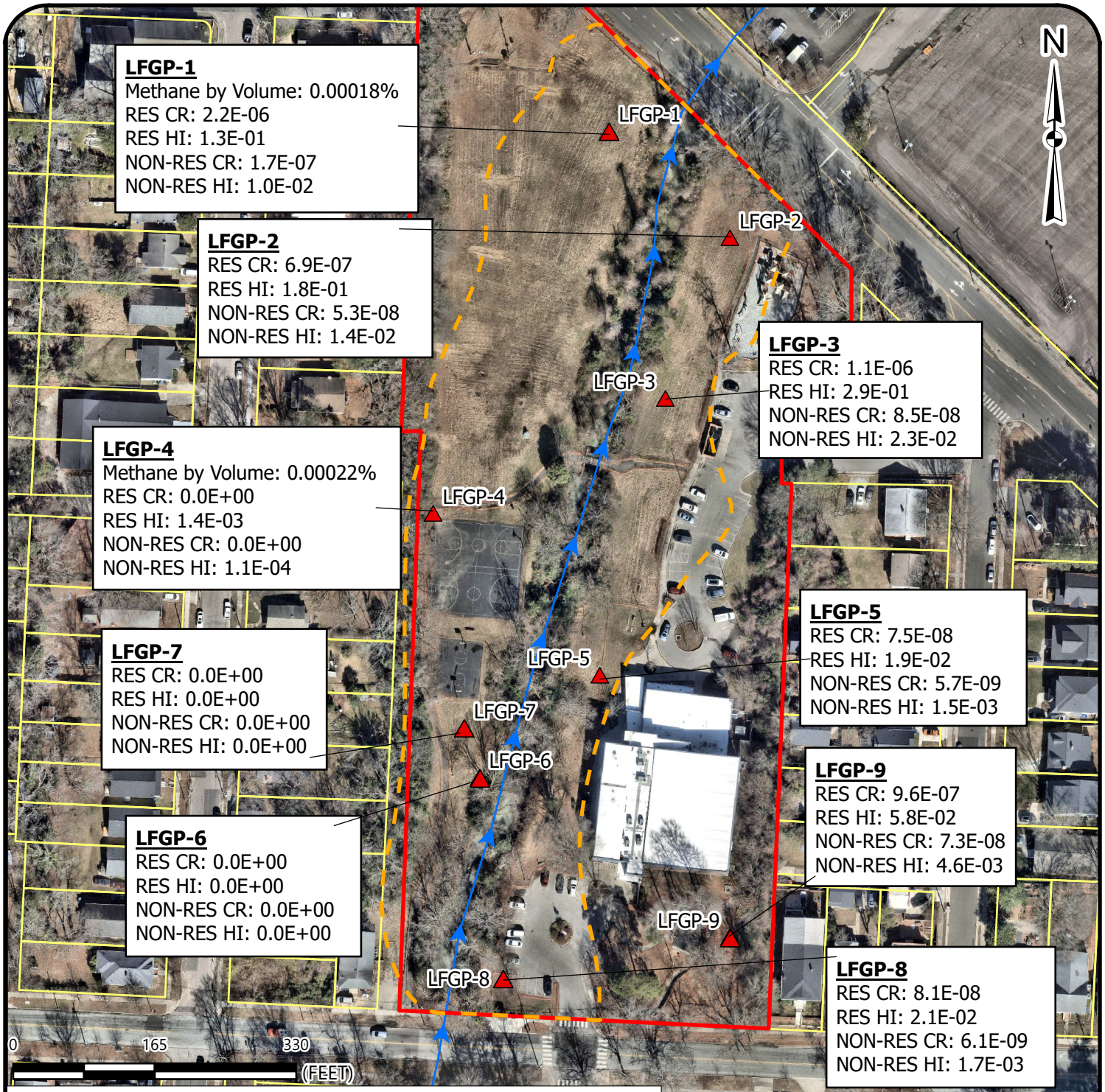
- Estimated Waste Boundary
- Landfill Gas Probes
- Stream
- Site Boundary
- Durham County Parcels

LANDFILL GAS SCREENING RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 165 ft
DATE: 2/24/2026
PROJECT NUMBER 23050630
FIGURE NO. 2

Drawing Path: T:\Raleigh-1050\Projects\23023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\Walltown\Walltown RI-10.aprx plotted by JonathanOlanin



NOTES:

LANDFILL GAS SAMPLING WAS CONDUCTED ON NOVEMBER 10-11, 2025. METHANE WAS DETECTED ABOVE THE LABORATORY DETECTION LIMIT AT LFGP-1 AND LFGP-4 BUT BELOW THE LOWER EXPLOSIVE LIMIT OF 5%.

RES CR: RESIDENTIAL CARCINOGENIC RISK

RES HI: RESIDENTIAL HAZARD INDEX

NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK

NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

LFDP-DUP WAS TAKEN AT LFGP-3.

REFERENCE:

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

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

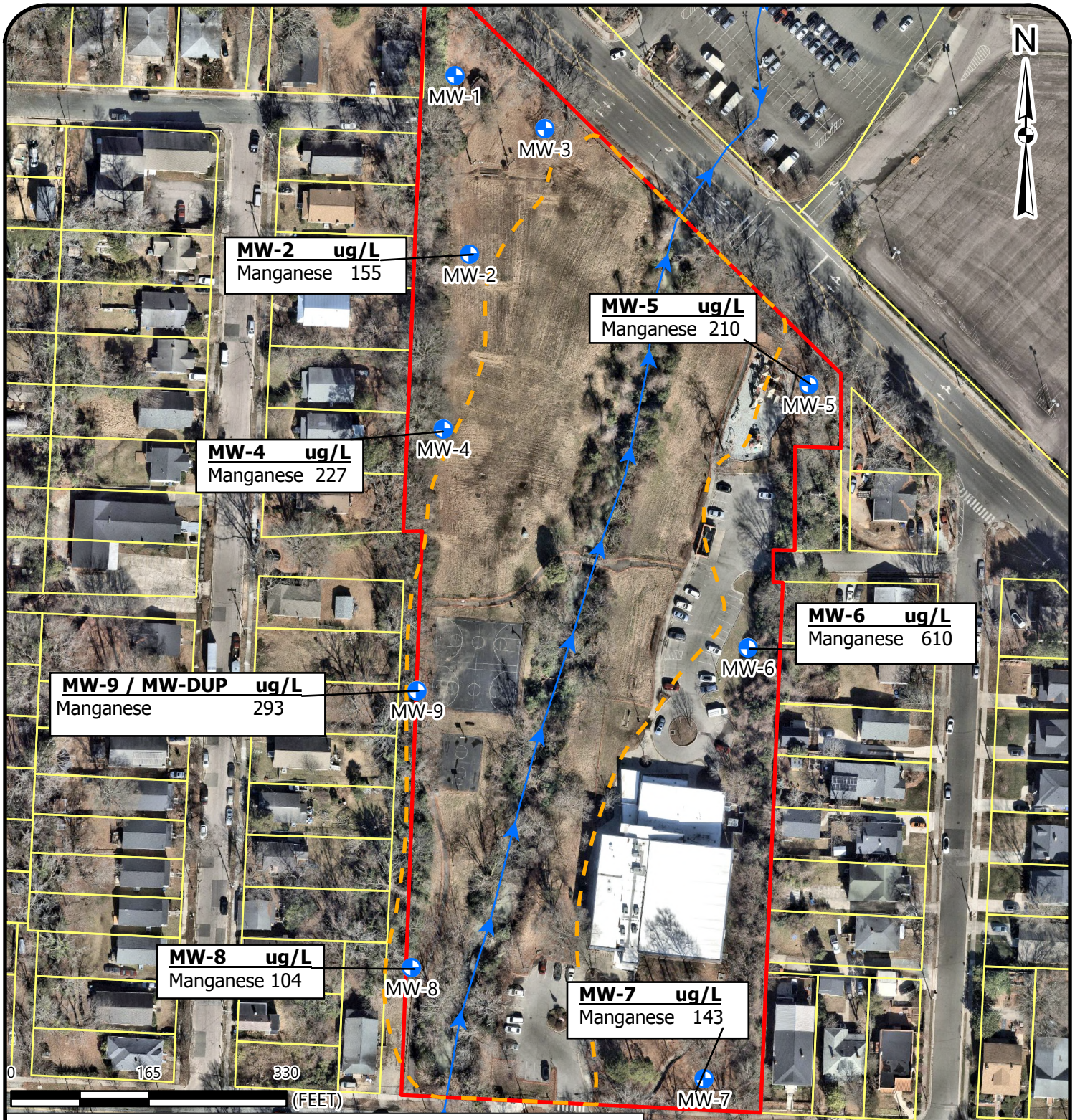
SCALE: 1 in = 165 ft

DATE: 4/2/2026

PROJECT NUMBER 23050630

FIGURE NO. 3

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



NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON OCTOBER 30, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). A DUPLICATE SAMPLE WAS COLLECTED FROM MW-9. THE HIGHER DETECTED CONCENTRATION BETWEEN THE TWO IS 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.

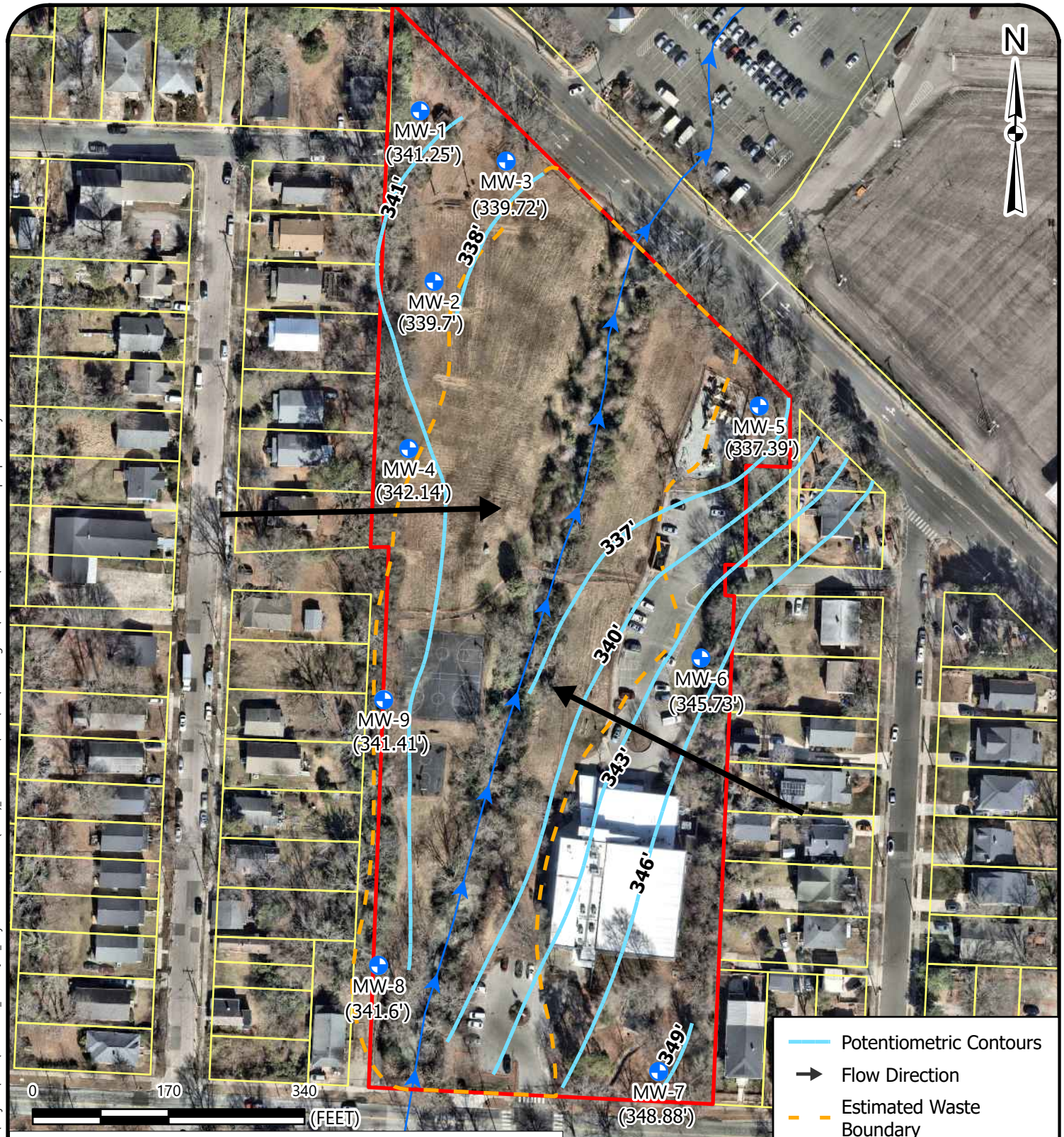
- Estimated Waste Boundary
- Monitoring Wells
- Stream
- Site Boundary
- Durham County Parcels
- Flow Direction

GROUNDWATER ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 165 ft
DATE: 4/2/2026
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.aprx plotted by MadisonAllen



NOTES:
DEPTH TO GROUNDWATER WAS MEASURED ON OCTOBER 30, 2025.
GROUNDWATER ELEVATIONS ARE SHOWN IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL).

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 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 170 ft	5
DATE: 1/15/2026	
PROJECT NUMBER 23050630	

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.aprx plotted by RachelMoore

NOTES:
SURFACE WATER FLOWS FROM SOUTH TO NORTH.
SURFACE WATER SAMPLING WAS CONDUCTED ON NOVEMBER 6, 2025. SAMPLES ARE MEASURED IN MICROGRAMS PER LITER (ug/L).
ONLY DETECTIONS EXCEEDING THE NCAC 2B STANDARDS ARE SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER RECEPTOR.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE 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 ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 190 ft
DATE: 4/2/2026
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.aprx plotted by MadisonAllen

SED-8	mg/kg
Benzo(a)anthracene	1.45
Benzo(a)pyrene	1.51
Benzo(b)fluoranthene	2.3
Dibenz(a,h)anthracene	0.262 J
Arsenic	1.68 B
Cobalt	4.21
Manganese	223

CR: 2.3E-05
HI: 5.0E-01

SED-7	mg/kg
Benzo(a)pyrene	0.561
Arsenic	2.76 B
Cobalt	4.78
Manganese	231
Thallium	0.0797 J

CR: 1.2E-05
HI: 6.2E-01

SED-6	mg/kg
Benzo(a)anthracene	1.74
Benzo(a)pyrene	1.96
Benzo(b)fluoranthene	3.42
Dibenz(a,h)anthracene	0.353 J
Indeno(1,2,3-cd)pyrene	1.49
Arsenic	3.57 B
Cobalt	8.95
Manganese	488
Thallium	0.0952

CR: 3.2E-05
HI: 1.1E+00

SED-5 / SED-DUP	mg/kg
Benzo(a)pyrene	0.383
Arsenic	1.45 B
Cobalt	2.95

CR: 7.5E-06
HI: 2.5E-01

SED-4	mg/kg
Arsenic	1.14 J B

CR: 2.7E-06
HI: 1.9E-01

SED-3	mg/kg
Benzo(a)pyrene	0.479
Arsenic	1.28 B

CR: 8.3E-06
HI: 2.1E-01

SED-1	mg/kg
Benzo(a)pyrene	0.306 J

CR: 4.8E-06
HI: 1.7E-01

SED-2	mg/kg
Benzo(a)pyrene	0.437
Cobalt	2.78

CR: 6.8E-06
HI: 2.2E-01

NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON NOVEMBER 6, 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. SEDIMENT SAMPLES ARE MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX
RESULTS IN RED EXCEED RISK

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

SEDIMENT SAMPLE ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-9A
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 190 ft
DATE: 4/2/2026
PROJECT NUMBER 23050630
FIGURE NO. 7

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

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-9A

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-9A

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	11/4/2025	0	0.1	2	0
LFGP-2	11/4/2025	0	0.1	2	0
LFGP-3	11/4/2025	0	0.1	2	0
LFGP-4	11/4/2025	0	0.1	2	0
LFGP-5	11/4/2025	0	0.1	2	0
LFGP-6	11/4/2025	0	0.1	2	0
LFGP-7	11/4/2025	0	0.1	2	0
LFGP-8	11/4/2025	0	0.1	2	0
LFGP-9	11/4/2025	0	0.1	2	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-9A

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-01
				Date Collected	11/11/2025	11/10/2025	11/10/2025	11/11/2025	11/10/2025	11/10/2025	11/11/2025	11/10/2025	11/10/2025	11/10/2025
Volatile Organic Compounds by Method TO-15 (µg/m^3)		Chloroform	67-66-3		**8.8**	<3.6	<4.0	<3.8	<3.8	<3.9	<3.4	<3.7	**3.9**	<3.8
		Cyclohexane	110-82-7		<2.3	<2.6	<2.8	**13**	<2.7	<2.8	<2.4	<2.6	<2.6	<2.7
		2-Propanol	67-63-0		<6.6	<7.3	<8.0	**9.1**	<7.7	<7.9	<6.8	<7.4	<7.6	<7.7
		Tetrachloroethylene (PCE)	127-18-4		<4.5	**250**	**400**	<5.2	**27**	<5.4	<4.7	**29**	<5.2	**390**
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		<0.85	<0.83	<0.79	<0.81	<0.83	<0.83	<0.81	<0.83	<0.83	<0.83
EPA Method 3C (%)		Methane	74-82-8		**0.00018**	<0.00015	<0.00016	**0.00022**	<0.00016	<0.00016	<0.00014	<0.00015	<0.00015	<0.00016
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			2.2E-06	6.9E-07	1.1E-06	0.0E+00	7.5E-08	0.0E+00	0.0E+00	8.1E-08	9.6E-07	1.1E-06
		Non-Carcinogenic Hazard Quotient			1.3E-01	1.8E-01	2.9E-01	1.4E-03	1.9E-02	0.0E+00	0.0E+00	2.1E-02	5.8E-02	2.9E-01
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			1.7E-07	5.3E-08	8.5E-08	0.0E+00	5.7E-09	0.0E+00	0.0E+00	6.1E-09	7.3E-08	8.5E-08
		Non-Carcinogenic Hazard Quotient			1.0E-02	1.4E-02	2.3E-02	1.1E-04	1.5E-03	0.0E+00	0.0E+00	1.7E-03	4.6E-03	2.3E-02

Notes:

ug/m^3: micrograms per cubic meter.

Concentrations shown in **BOLD** exceed the laboratory detection limits.

Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version), 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 November 10, 2025

ASTM D5504 Hydrogen Sulfide Samples were collected on November 10 and 17, 2025

TABLE 4
Groundwater Monitor Well Construction & Groundwater Level
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

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'	10/30/2025	6.72	341.25
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'	10/30/2025	7.82	339.7
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'	10/30/2025	7.15	339.72
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'	10/30/2025	4.89	342.14
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'	10/30/2025	14.5	337.39
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'	10/30/2025	13.69	345.73
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'	10/30/2025	20.23	348.88
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'	10/30/2025	9.61	341.6
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'	10/30/2025	6.28	341.41

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-9A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	10/30/2025	6.0	17.9	280	6.2
MW-2	10/30/2025	6.5	18.8	509	15
MW-3	10/30/2025	6.6	19.6	447	3.0
MW-4	10/30/2025	6.9	17.3	519	23
MW-5	10/30/2025	7.7	17.6	614	3.5
MW-6	10/30/2025	6.9	19.3	1526	1.3
MW-7	10/30/2025	5.9	17.7	963	8.4
MW-8	10/30/2025	7.2	17.9	454	2.5
MW-9	10/30/2025	6.5	18.5	503	1.2

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-9A

Analytical Method		Volatile Organic Compounds by EPA Method 8260D (µg/l)			Method 8270E SVOCs (µg/l)	Metals by EPA Method 6020 (µg/l)											Method 7470A	Method 9056A	
CAS Number		75-15-0	67-66-3	74-87-3	105-60-2	7440-38-2	7440-39-3	7440-41-7	7440-48-4	7439-92-1	7439-96-5	7440-02-0	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	14797-55-8	14808-79-8
Analyte		Carbon disulfide	Chloroform	Chloromethane	Caprolactam	Arsenic	Barium	Beryllium	Cobalt	Lead	Manganese	Nickel	Silver	Thallium	Vanadium	Zinc	Mercury	Nitrate as (N)	Sulfate
Sample ID	Date Collected																		
824-MW-1	10/31/2025	<0.500	**1.22**	<0.840	<2.79	**1.52 J**	**47.7**	<0.147	<0.411	<0.864	**20.5**	**1.18 J**	<0.167	<0.190	**2.09 J**	**46.8**	**0.314**	**730**	**26,600**
824-MW-2	10/31/2025	<0.500	<0.900	<0.840	<2.77	<1.32	**112**	<0.147	<0.411	<0.864	**155**	**1.49 J**	<0.167	<0.190	**3.25 J**	**11.6**	<0.166	**738**	**26,000**
824-MW-3	10/31/2025	<0.500	<0.900	<0.840	<2.83	<1.32	**69.9**	<0.147	<0.411	<0.864	**4.03 J**	<0.422	**0.171 J B**	**0.231 J**	**1.73 J**	<8.91	<0.166	**1040**	**24,900**
824-MW-4	10/31/2025	<0.500	<0.900	<0.840	<2.78	**1.33 J**	**586**	<0.147	<0.411	<0.864	**227**	**1.37 J**	<0.167	<0.190	<1.22	<8.91	<0.166	<10	**20,300**
824-MW-5	10/31/2025	<0.500	<0.900	**2.44**	<2.78	**1.51 J**	**58.6**	<0.147	<0.411	<0.864	**210**	<0.422	<0.167	<0.190	**4.47 J**	<8.91	<0.166	**652 F1**	**22,000 F1 F2**
824-MW-6	10/31/2025	**0.540 J**	<0.900	<0.840	**22.0**	**2.70 J**	**213**	<0.147	**0.541 J**	**0.994 J**	**610**	**1.49 J**	<0.167	<0.190	**1.65 J**	<8.91	<0.166	**29 J**	**28,900**
824-MW-7	10/31/2025	<0.500	<0.900	<0.840	**11.2 J**	<1.32	**96.7**	**0.798 J**	<0.411	<0.864	**143**	**33.0**	**0.215 J B**	<0.190	<1.22	<8.91	<0.166	**609**	**12,200**
824-MW-8	10/31/2025	<0.500	<0.900	<0.840	<2.79	<1.32	**147**	<0.147	<0.411	<0.864	**104**	<0.422	<0.167	<0.190	**2.76 J**	<8.91	**0.388**	**726**	**12,100**
824-MW-9	10/31/2025	<0.500	<0.900	<0.840	**2.80 J**	**1.75 J**	**193**	<0.147	<0.411	<0.864	**293**	<0.422	<0.167	<0.190	**2.72 J**	<8.91	**0.569**	**20 J**	**10,800**
824-MW-DUP-1	10/31/2025	<0.500	<0.900	<0.840	<2.77	<1.32	**65.1**	<0.147	<0.411	<0.864	**211**	**0.826 J**	<0.167	<0.190	**5.46**	<8.91	<0.166	**565**	**20,600**
15A NCAC 2L Groundwater Standards & IMACs		700	70	3	4,000	10	700	4	1	15	50	100	100	20	7	1000	1	10,000	250,000

Notes:
ug/l: Micrograms per liter.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15 NCAC 2L Standards are highlighted.
J: The reported result is an estimated value.
DUPLICATE-1 was taken at MW-5.

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-10

Analytical Method		Method 8270E SIM (ug/L)		Method 6020B (ug/L)												Method 9056A (ug/L)		NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		105-60-2	123-91-1	7440-36-0	7440-38-2	7440-39-3	7440-43-9	16065-83-1	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	14797-55-8	14808-79-8		
Analyte		Caprolactam	1,4-Dioxane	Antimony	Arsenic	Barium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																		
SW-1	11/6/2025	<2.38	**0.442**	<0.34	**0.473 J**	**35.9**	<0.237	**0.618 J**	**0.200 J**	**4.84**	**1.31 J**	**38.3**	**1.55 J**	**0.812 J**	**67.7**	**336**	**34,700**	4.4E-07	3.00E-02
SW-2	11/6/2025	<2.38	**0.471**	<0.34	**0.541 J**	**36.8**	<0.237	**0.547 J**	**0.115 J**	**4.72**	**0.477 J**	**25.2**	**1.52 J**	**0.74 J**	**68.6**	**317**	**34,600**	5.0E-07	2.40E-02
SW-3	11/6/2025	<2.38	**0.395**	<0.34	**0.526 J**	**34.1**	<0.237	**0.532 J**	**0.126 J**	**4.71**	**0.582 J**	**21.4**	**1.51 J**	**0.718 J**	**62.7**	**246**	**34,600**	4.80E-07	2.20E-02
SW-4	11/6/2025	<2.38	**0.380**	<0.34	**0.576 J**	**37.5**	<0.237	**0.860 J**	**0.243 J**	**5.76**	**1.89 J**	**27.6**	**1.73 J**	**1.11 J**	**67**	**269**	**34,600**	5.30E-07	2.80E-02
SW-5	11/6/2025	<2.38	**0.353**	<0.34	**0.458 J**	**31.5**	<0.237	**0.431 J**	<0.22	**3.95**	**0.395 J**	**17.8**	**1.35 J**	**0.668 J**	**51.5**	**234**	**35,100**	4.8E-07	2.10E-02
SW-6	11/6/2025	<2.38	**0.313**	**0.622 J**	**1.65 J**	**73.5**	**0.278 J**	**5.5**	**2.05**	**23.4**	**33.2**	**148**	**6.23**	**6.75**	**182**	**282**	**38,200**	1.5E-06	1.50E-01
SW-7	11/6/2025	**6.21 J**	<0.278	<0.34	**0.607 J**	**31**	<0.237	**0.456 J**	**0.131 J**	**3.55**	**0.496 J**	**32.1**	**1.15 J**	**0.776 J**	**58**	**292**	**37,300**	5.30E-07	2.80E-02
SW-8	11/6/2025	**6.82 J**	<0.278	<0.34	**0.569 J**	**31.3**	<0.237	**0.479 J**	**0.129 J**	**3.56**	**0.504 J**	**37**	**1.23 J**	**0.689 J**	**55.7**	**293**	**40,000 F1**	5.00E-07	2.90E-02
SW-Dup	11/6/2025	<2.38	**0.350**	<0.34	**0.523 J**	**34.6**	<0.237	**0.572 J**	**0.103 J**	**4.37**	**0.412**	**19.7**	**1.51 J**	**0.741 J**	**57.5**	**255**	**36,000**	See SW-5	
15A NCAC 2B Surface Water Standards		**4000**	**3**	**6**	**10**	**1000**	**0.25**	**24**	**NE**	**2.7**	**0.54**	**50**	**16**	**7**	**1000**	**10,000**	**250,000**		

Notes:
Concentrations are reported in micrograms per liter (ug/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.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
F1: MS and/ or MSD recovery exceeds control limits.

Table 8
Sediment 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-9A

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

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-9A

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
LFGP-1	Landfill Gas Probe	36.019423	-78.914281	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
AGV-1	Above Ground Vapor	36.0196834	-78.9143206	3988143.77	687943.51
AGV-2	Above Ground Vapor	36.0196833	-78.9141515	3988144.09	687958.76
AGV-3	Above Ground Vapor	36.019546	-78.9143207	3988128.53	687943.83
AGV-4	Above Ground Vapor	36.0195459	-78.9141517	3988128.84	687959.06
AGV-5	Above Ground Vapor	36.0195458	-78.9139826	3988129.16	687974.3
AGV-6	Above Ground Vapor	36.0194088	-78.91449	3988112.98	687928.9
AGV-7	Above Ground Vapor	36.0194087	-78.9143209	3988113.3	687944.14
AGV-8	Above Ground Vapor	36.0194086	-78.9141518	3988113.61	687959.38
AGV-9	Above Ground Vapor	36.0194084	-78.9139827	3988113.92	687974.62
AGV-10	Above Ground Vapor	36.0194083	-78.9138137	3988114.23	687989.85
AGV-11	Above Ground Vapor	36.0192716	-78.9146592	3988097.43	687913.98
AGV-12	Above Ground Vapor	36.0192714	-78.9144901	3988097.74	687929.22
AGV-13	Above Ground Vapor	36.0192713	-78.914321	3988098.05	687944.46
AGV-14	Above Ground Vapor	36.0192712	-78.914152	3988098.37	687959.69
AGV-15	Above Ground Vapor	36.0192711	-78.9139829	3988098.68	687974.93
AGV-16	Above Ground Vapor	36.019271	-78.9138138	3988099	687990.17
AGV-17	Above Ground Vapor	36.0192708	-78.9136447	3988099.3	688005.41
AGV-18	Above Ground Vapor	36.0191342	-78.9146593	3988082.19	687914.29
AGV-19	Above Ground Vapor	36.0191341	-78.9144903	3988082.51	687929.53
AGV-20	Above Ground Vapor	36.019134	-78.9143212	3988082.82	687944.77
AGV-21	Above Ground Vapor	36.0191339	-78.9141521	3988083.14	687960.01
AGV-22	Above Ground Vapor	36.0191337	-78.913983	3988083.44	687975.25
AGV-23	Above Ground Vapor	36.0191336	-78.913814	3988083.76	687990.48
AGV-24	Above Ground Vapor	36.0191335	-78.9136449	3988084.07	688005.72
AGV-25	Above Ground Vapor	36.0189969	-78.9146595	3988066.96	687914.6
AGV-26	Above Ground Vapor	36.0189967	-78.9144904	3988067.26	687929.84
AGV-27	Above Ground Vapor	36.0189966	-78.9143213	3988067.58	687945.08
AGV-28	Above Ground Vapor	36.0189965	-78.9141523	3988067.89	687960.31
AGV-29	Above Ground Vapor	36.0189964	-78.9139832	3988068.21	687975.56
AGV-30	Above Ground Vapor	36.0189963	-78.9138141	3988068.52	687990.8
AGV-31	Above Ground Vapor	36.0189961	-78.913645	3988068.83	688006.04
AGV-32	Above Ground Vapor	36.0188595	-78.9146596	3988051.72	687914.92
AGV-33	Above Ground Vapor	36.0188594	-78.9144906	3988052.03	687930.15
AGV-34	Above Ground Vapor	36.0188593	-78.9143215	3988052.35	687945.39
AGV-35	Above Ground Vapor	36.0188591	-78.9141524	3988052.65	687960.63
AGV-36	Above Ground Vapor	36.018859	-78.9139833	3988052.97	687975.87
AGV-37	Above Ground Vapor	36.0188589	-78.9138143	3988053.28	687991.1
AGV-38	Above Ground Vapor	36.0188588	-78.9136452	3988053.6	688006.34
AGV-39	Above Ground Vapor	36.0187223	-78.9148288	3988036.17	687900
AGV-40	Above Ground Vapor	36.0187221	-78.9146598	3988036.47	687915.23

AGV-41	Above Ground Vapor	36.018722	-78.9144907	3988036.79	687930.47
AGV-42	Above Ground Vapor	36.0187219	-78.9143216	3988037.1	687945.71
AGV-43	Above Ground Vapor	36.0187218	-78.9141526	3988037.42	687960.94
AGV-44	Above Ground Vapor	36.0187217	-78.9139835	3988037.73	687976.18
AGV-45	Above Ground Vapor	36.0187216	-78.9138144	3988038.05	687991.42
AGV-46	Above Ground Vapor	36.0185849	-78.914829	3988020.93	687900.31
AGV-47	Above Ground Vapor	36.0185848	-78.9146599	3988021.24	687915.55
AGV-48	Above Ground Vapor	36.0185847	-78.9144908	3988021.56	687930.79
AGV-49	Above Ground Vapor	36.0185846	-78.9143218	3988021.87	687946.02
AGV-50	Above Ground Vapor	36.0185844	-78.9141527	3988022.18	687961.26
AGV-51	Above Ground Vapor	36.0185843	-78.9139836	3988022.49	687976.5
AGV-52	Above Ground Vapor	36.0185842	-78.9138146	3988022.81	687991.73
AGV-53	Above Ground Vapor	36.0184476	-78.9148291	3988005.69	687900.62
AGV-54	Above Ground Vapor	36.0184474	-78.9146601	3988006	687915.85
AGV-55	Above Ground Vapor	36.0184473	-78.914491	3988006.31	687931.09
AGV-56	Above Ground Vapor	36.0184472	-78.9143219	3988006.63	687946.33
AGV-57	Above Ground Vapor	36.0184471	-78.9141528	3988006.94	687961.58
AGV-58	Above Ground Vapor	36.018447	-78.9139838	3988007.26	687976.81
AGV-59	Above Ground Vapor	36.0184468	-78.9138147	3988007.56	687992.05
AGV-60	Above Ground Vapor	36.0183102	-78.9148293	3987990.45	687900.93
AGV-61	Above Ground Vapor	36.0183101	-78.9146602	3987990.77	687916.17
AGV-62	Above Ground Vapor	36.01831	-78.9144911	3987991.08	687931.41
AGV-63	Above Ground Vapor	36.0183099	-78.9143221	3987991.4	687946.64
AGV-64	Above Ground Vapor	36.0183097	-78.914153	3987991.7	687961.88
AGV-65	Above Ground Vapor	36.0183096	-78.9139839	3987992.02	687977.12
AGV-66	Above Ground Vapor	36.0183095	-78.9138148	3987992.33	687992.36
AGV-67	Above Ground Vapor	36.0181729	-78.9148294	3987975.22	687901.25
AGV-68	Above Ground Vapor	36.0181727	-78.9146604	3987975.52	687916.48
AGV-69	Above Ground Vapor	36.0181726	-78.9144913	3987975.84	687931.72
AGV-70	Above Ground Vapor	36.0181725	-78.9143222	3987976.15	687946.96
AGV-71	Above Ground Vapor	36.0181724	-78.9141531	3987976.47	687962.2
AGV-72	Above Ground Vapor	36.0181723	-78.9139841	3987976.78	687977.43
AGV-73	Above Ground Vapor	36.0180355	-78.9148296	3987959.98	687901.56
AGV-74	Above Ground Vapor	36.0180354	-78.9146605	3987960.29	687916.8
AGV-75	Above Ground Vapor	36.0180353	-78.9144914	3987960.61	687932.04
AGV-76	Above Ground Vapor	36.0180351	-78.9143224	3987960.91	687947.27
AGV-77	Above Ground Vapor	36.018035	-78.9141533	3987961.23	687962.51
AGV-78	Above Ground Vapor	36.0180349	-78.9139842	3987961.54	687977.75
AGV-79	Above Ground Vapor	36.0178981	-78.9148297	3987944.73	687901.87
AGV-80	Above Ground Vapor	36.017898	-78.9146606	3987945.05	687917.11
AGV-81	Above Ground Vapor	36.0178979	-78.9144916	3987945.36	687932.35
AGV-82	Above Ground Vapor	36.0178978	-78.9143225	3987945.68	687947.59
AGV-83	Above Ground Vapor	36.0178977	-78.9141534	3987945.99	687962.83
AGV-84	Above Ground Vapor	36.0177608	-78.9148299	3987929.5	687902.18
AGV-85	Above Ground Vapor	36.0177607	-78.9146608	3987929.82	687917.42
AGV-86	Above Ground Vapor	36.0177606	-78.9144917	3987930.13	687932.66
AGV-87	Above Ground Vapor	36.0177604	-78.9143226	3987930.44	687947.9
AGV-88	Above Ground Vapor	36.0177603	-78.9141536	3987930.75	687963.13
AGV-89	Above Ground Vapor	36.0176234	-78.91483	3987914.26	687902.5
AGV-90	Above Ground Vapor	36.0176233	-78.9146609	3987914.57	687917.74
AGV-91	Above Ground Vapor	36.0176232	-78.9144919	3987914.89	687932.97
AGV-92	Above Ground Vapor	36.0176231	-78.9143228	3987915.2	687948.21
AGV-93	Above Ground Vapor	36.0174861	-78.9148301	3987899.03	687902.82
AGV-94	Above Ground Vapor	36.017486	-78.9146611	3987899.34	687918.05
AGV-95	Above Ground Vapor	36.0174859	-78.914492	3987899.66	687933.29
AGV-96	Above Ground Vapor	36.0174857	-78.9143229	3987899.96	687948.53
AGV-97	Above Ground Vapor	36.0173487	-78.9148303	3987883.78	687903.12
AGV-98	Above Ground Vapor	36.0173486	-78.9146612	3987884.1	687918.36
AGV-99	Above Ground Vapor	36.0173485	-78.9144922	3987884.41	687933.6
AGV-100	Above Ground Vapor	36.0173484	-78.9143231	3987884.73	687948.84
AGV-101	Above Ground Vapor	36.0172114	-78.9148304	3987868.55	687903.44
AGV-102	Above Ground Vapor	36.0172113	-78.9146614	3987868.87	687918.67
AGV-103	Above Ground Vapor	36.0172111	-78.9144923	3987869.17	687933.91
AGV-104	Above Ground Vapor	36.017211	-78.9143232	3987869.48	687949.15
AGV-105	Above Ground Vapor	36.0172109	-78.9141542	3987869.8	687964.39
AGV-106	Above Ground Vapor	36.017074	-78.9148306	3987853.31	687903.75
AGV-107	Above Ground Vapor	36.0170739	-78.9146615	3987853.62	687918.99
AGV-108	Above Ground Vapor	36.0170738	-78.9144924	3987853.94	687934.23
AGV-109	Above Ground Vapor	36.0170737	-78.9143234	3987854.25	687949.46
AGV-110	Above Ground Vapor	36.0170736	-78.9141543	3987854.57	687964.7
AGV-BG1	Above Ground Vapor	36.018226	-78.913866	3987982.97	687987.95
AGV-BG2	Above Ground Vapor	36.017989	-78.913845	3987956.72	687990.4
AGV-BG3	Above Ground Vapor	36.018076	-78.913793	3987966.47	687994.88
AGV-BG4	Above Ground Vapor	36.018256	-78.91384	3987986.35	687990.22

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:	11/4/2025	Gas Analyzer	GEM PRO		
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000		Pre Calibration Time:
Task Order:	**824RI-9**	S&ME Personnel:	Madison Allen/Jonathan Olanin	Thermo Hygrometer			Post Calibration Time:

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

Screening Data

Sample Location	**Time**	**VOCs**		**Methane**		**Carbon Dioxide**	**Oxygen**	**Hydrogen Sulfide**	**Barometric Pressure**	**Temperature**	**Humidity**
ID	**hr:min**	**ppm-v**	**%**	**volume in air (%)**	**% LEL (100% LEL = 5% CH4)**	**%**	**%**	**ppm-v**	**in-Hg**	**°F**	**%**
BG-1	12:30	0.0	0	0.1	2	0.1	20.7	0	30.00	64.0	41
BG-2	12:35	0.0	0	0.1	2	0.1	20.6	0	30.00	64.0	41
BG-3	12:40	0.0	0	0.1	2	0.1	21.0	0	30.00	64.0	41
LFGP-1	12:59	0.0	0	0.1	2	5.9	13.1	0	30.00	65.0	41
LFGP-2	12:45	0.0	0	0.1	2	4.1	17.0	0	30.00	65.0	41
LFGP-3	12:52	0.0	0	0.1	2	7.2	12.3	0	30.00	65.0	41
LFGP-4	13:03	0.0	0	0.1	2	3.9	16.0	0	30.00	65.0	41
LFGP-5	13:45	0.0	0	0.1	2	0.9	19.6	0	30.00	65.0	41
LFGP-6	13:15	0.0	0	0.1	2	3.4	17.3	0	3.00	65.0	41
LFGP-7	13:10	0.0	0	0.1	2	6.3	14.8	0	30.00	65.0	41
LFGP-8	13:28	0.0	0	0.1	2	7.3	14.7	0	30.00	65.0	41
LFGP-9 (Implant)	13:38	0.0	0	0.1	2	5.6	14.5	0	30.00	65.0	41

Name	**Signature**	**Date**	**Notes:**
(1) Madison Allen	Mn Allen	11/4/2025	

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Walltown Park		
Project Number:	23050630 - 824RI-9		
Location:	Durham, NC	**Date:**	11/10/2025
Weather:	Sunny	**Air Temp (°F):**	50s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	LFGP-2	LFGP-3	LFGP-DUP	LFGP-5	LFGP-8
Canister ID	6L3644	6L0401	6L1321	6L0302	6L2279
Regulator ID	26995	24862	23190	23272	23717
Canister Volume (L)	6	6	6	6	6
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	14.2	19.3	19.3	14.1	13.7
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	7	0	60	9	0	60	9	0	60	7	0	60	7	0	60
Sand Pack Interval Depth (in-bgs)	24	to	84	48	to	108	48	to	108	24	to	84	24	to	84
Volume (mL)	1280			1289			1289			1280			1280		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	19.2			19.3			19.3			19.2			19.2		
Actual Purge Time (min)	20.0			20.0			20.0			20.0			20.0		

Sample Collection					
Start Time	11:55	12:11	12:11	12:29	12:49
Initial Vacuum (inHg)	28	26	26	29	28
End Time	12:53	13:10	13:10	13:29	13:49
Final Vacuum (inHg)	4	8	3	6	6
Approximate Total Time (min)	58	59	59	60	60
Sample Analysis	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15

Sampler Information

Sampled by: Logan Hester Sampler Signature: Date: 11/10/2025

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

DUPLICATE TAKEN AT LFGP-3

Revision Date: 5/3/18 11:30

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Walltown Park		
Project Number:	23050630 - 824RI-9		
Location:	Durham, NC	**Date:**	11/10/2025
Weather:	Sunny	**Air Temp (°F):**	50s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information														
Sample Type														
Sample ID	LFGP-6			LFGP-9										
Canister ID	6L5738			6L0905										
Regulator ID	23356			23506										
Canister Volume (L)	6			6										
Leak Test Information														
Purge Method	Personal Pump			Personal Pump										
He Concentration in Shroud (%)	16.1			17.1										
He Detected in Leak Test (Y or N)	No			No										
He Conc. Detected in Leak Test (ppm)	0			0										
Percent of He in the Leak Test versus the Shroud	0.000%			0.000%										
Leak Test Passed (Yes/No)[1]	Yes			Yes										
Purge Information														
Enter Construction Details	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
→	7	0	60	5	0	12									
Sand Pack Interval Depth (in-bgs)	24	to	84	48	to	60									
Volume (mL)	1280			272										
Purge Flow Rate (mL/min)	200			200										
Purge Interval (3x Vol.) (min)	19.2			4.1										
Actual Purge Time (min)	20.0			5.0										
Sample Collection														
Start Time	13:25			13:04										
Initial Vacuum (inHg)	27			28										
End Time	14:25			14:05										
Final Vacuum (inHg)	6			6										
Approximate Total Time (min)	60			61										
Sample Analysis	VOCs by TO-15			VOCs by TO-15			VOCs by TO-15			VOCs by TO-15			VOCs by TO-15		

Sampler Information

Sampled by: Logan Hester Sampler Signature: Date: 11/10/2025

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

Revision Date: 5/3/18 11:30

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Walltown Park		
Project Number:	23050630 - 824RI-9		
Location:	Durham, NC	**Date:**	11/11/2025
Weather:	Sunny	**Air Temp (°F):**	30s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information															
Sample Type															
Sample ID	LFGP-1			LFGP-4			LFGP-7								
Canister ID	6L2327			6L0619			6L1692								
Regulator ID	23727			24018			23956								
Canister Volume (L)	6			6			6								
Leak Test Information															
Purge Method	Personal Pump			Personal Pump			Personal Pump								
He Concentration in Shroud (%)	15.9			16.2			16.7								
He Detected in Leak Test (Y or N)	No			No			No								
He Conc. Detected in Leak Test (ppm)	0			0			0								
Percent of He in the Leak Test versus the Shroud	0.000%			0.000%			0.000%								
Leak Test Passed (Yes/No)[1]	Yes			Yes			Yes								
Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	3	0	12	7	0	36	7	0	36						
Sand Pack Interval Depth (in-bgs)	24	to	36	48	to	84	48	to	84						
Volume (mL)	263			781			781								
Purge Flow Rate (mL/min)	200			200			200								
Purge Interval (3x Vol.) (min)	3.9			11.7			11.7								
Actual Purge Time (min)	5.0			12.0			12.0								
Sample Collection															
Start Time	09:52			09:41			09:29								
Initial Vacuum (inHg)	28			27			26								
End Time	11:02			10:45			10:34								
Final Vacuum (inHg)	6			5			5								
Approximate Total Time (min)	70			64			65								
Sample Analysis	VOCs by TO-15			VOCs by TO-15			VOCs by TO-15								

Sampler Information

Sampled by: Logan Hester Sampler Signature: Date: 11/11/2025

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

Revision Date: 5/3/18 11:30

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Walltown Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	10.30.2025
Source Well:	**MW-1**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	10.30.2025
Sampled By:	Brandon Governo	Sample Time:	10:55
Weather:	Sunny	Air Temp:	59 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:15	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	10.29.2025	08:15	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	6.72	ft-TOC
Total Well Depth:	24.00	ft-TOC
Height of Water Column:	17.28	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.8	gal
3 * Well Volume	8.5	gal
5 * Well Volume	14.1	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:20 **End Time:** 10:50

Total Volume Purged: 1.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	10:25	6.9	17.6	489	41	
0.2	10:30	6.9	17.9	356	38	7.78
0.4	10:35	6.4	17.9	353	43	
0.6	10:40	6.2	17.9	290	14	8.2
0.8	10:45	6.1	17.9	283	7.8	
1.0	10:50	6.0	17.9	280	6.2	8.33

Sample Method: Peristaltic Pump **Sample Time:** 10:55

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Brandon Governo		12/18/2025

Notes: 824-MW-1

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Walltown Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	10.30.2025
Source Well:	**MW-2**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	10.30.2025
Sampled By:	Brandon Governo	Sample Time:	14:05
Weather:	Sunny	Air Temp:	62 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:15	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	10.29.2025	08:15	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	7.82	ft-TOC
Total Well Depth:	31.70	ft-TOC
Height of Water Column:	23.88	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.9	gal
3 * Well Volume	11.7	gal
5 * Well Volume	19.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:35 **End Time:** 14:00

Total Volume Purged: 1.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	13:35	6.4	19.9	119	42	
0.2	13:40	6.5	19.4	487	66	7.95
0.4	13:45	6.5	19.3	512	63	
0.6	13:50	6.5	19.1	512	52	7.98
0.8	13:55	6.5	18.9	512	33	
1.0	14:00	6.5	188	509	15	8.04

Sample Method: Peristaltic Pump **Sample Time:** 14:05

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Brandon Governo		12/18/2025

Notes: 824-MW-2. Clog in tubing. Used new tubing. A lot of pvc shavings in purge water

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Walltown Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	10.30.2025
Source Well:	**MW-3**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	10.30.2025
Sampled By:	Brandon Governo	Sample Time:	11:55
Weather:	Sunny	Air Temp:	59 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:15	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	10.29.2025	08:15	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	7.15	ft-TOC
Total Well Depth:	21.20	ft-TOC
Height of Water Column:	14.05	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.3	gal
3 * Well Volume	6.9	gal
5 * Well Volume	11.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:25 **End Time:** 11:50

Total Volume Purged: 1.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	11:25	6.8	18.9	478	0.08	
0.2	11:30	6.7	19.5	462	1.8	7.41
0.4	11:35	6.6	19.6	452	3.4	
0.6	11:40	6.6	19.7	447	3.4	7.46
0.8	11:45	6.6	19.7	448	3.3	
1.0	11:50	6.6	19.6	447	3.0	7.5

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Brandon Governo		12/18/2025

Notes: 824-MW-3

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Walltown Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	10.30.2025
Source Well:	**MW-4**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	10.30.2025
Sampled By:	Brandon Governo	Sample Time:	15:30
Weather:	Sunny	Air Temp:	62 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:15	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	10.29.2025	08:15	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.89	ft-TOC
Total Well Depth:	31.50	ft-TOC
Height of Water Column:	26.61	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.3	gal
3 * Well Volume	13.0	gal
5 * Well Volume	21.7	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 14:55 **End Time:** 15:25

Total Volume Purged: 1.2 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	14:55	6.9	17.8	534	137	7.06
0.2	15:00	6.9	17.6	534	287	
0.4	15:05	6.9	17.5	535	181	8.49
0.6	15:10	6.9	17.4	521	94	
0.8	15:15	6.9	7.4	520	34	10.02
1.0	15:20	6.9	17.3	520	31	
1.2	15:25	6.9	17.3	519	23	12.21

Sample Method: Peristaltic Pump **Sample Time:** 15:30

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Brandon Governo		12/18/2025

Notes: 824-MW-4

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Walltown Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	10.30.2025
Source Well:	**MW-9**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	10.30.2025
Sampled By:	Brandon Governo	Sample Time:	16:30
Weather:	Sunny	Air Temp:	62 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:15	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	10.29.2025	08:15	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	6.28	ft-TOC
Total Well Depth:	31.70	ft-TOC
Height of Water Column:	25.42	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.1	gal
3 * Well Volume	12.4	gal
5 * Well Volume	20.7	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 16:00 **End Time:** 16:25

Total Volume Purged: 1.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	16:00	6.7	18.4	585	14	8.04
0.2	16:05	6.7	18.4	585	6.8	
0.4	16:10	6.6	18.4	585	1.8	9.69
0.6	16:15	6.6	18.5	518	3.2	
0.8	16:20	6.5	18.5	505	0.00	11.5
1.0	16:25	6.5	18.5	503	1.2	

Sample Method: Peristaltic Pump **Sample Time:** 16:30

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	3-PRLF 16 Metals, inc. prep; 7	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Brandon Governo		12/18/2025

Notes: 824-MW-9

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	October 30, 2025
Source Well:	**MW-5**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	October 30, 2025
Sampled By:	C. Faircloth	Sample Time:	11:40
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10/30/25	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10/30/25	09:40	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	14.50	ft-TOC
Total Well Depth:	36.50	ft-TOC
Height of Water Column:	22.00	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.6	gal
3 * Well Volume	10.8	gal
5 * Well Volume	18.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:05 **End Time:** 11:30

Total Volume Purged: 1.5 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	11:05	7.8	17	690	6.6	
0.3	11:10	7.7	17.4	681	3.7	
0.6	11:15	7.7	17.4	642	2.9	
0.9	11:20	7.7	17.5	627	2.8	
1.2	11:25	7.7	17.5	626	3.6	
1.5	11:30	7.7	17.6	614	3.5	

Sample Method: Peristaltic Pump **Sample Time:** 11:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	4	40mL VOAs	None	Nitrate 353.2	1	250mL P	None
SVOCs PAH 8270 SIM	2	250mL A	None	SM4500 Sulfate	1	250mL P	None
Metals 6020 (Total)	1	250mL P	HNO3				

Name	Signature	Date
(1) Clay Faircloth		10/30/2025

Notes: Duplicate-1 collected here

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	October 30, 2025
Source Well:	**MW-6**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	October 30, 2025
Sampled By:	C. Faircloth	Sample Time:	14:00
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10/30/25	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10/30/25	09:40	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	13.69	ft-TOC
Total Well Depth:	35.50	ft-TOC
Height of Water Column:	21.81	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.6	gal
3 * Well Volume	10.7	gal
5 * Well Volume	17.8	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:30 **End Time:** 13:55

Total Volume Purged: 1.2 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	13:30	6.9	20.5	1,498	1.3	
0.3	13:35	6.9	19.6	1,485	0.89	
0.6	13:40	6.9	19.4	1,490	1.1	
0.9	13:45	7.0	19.4	1,492	2.3	
1.2	13:50	6.9	19.2	1,525	1.3	
	13:55	6.9	19.3	1,526		

Sample Method: Peristaltic Pump **Sample Time:** 14:00

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	4	40mL VOAs	None	Nitrate 353.2	1	250mL P	None
SVOCs PAH 8270 SIM	2	250mL A	None	SM4500 Sulfate	1	250mL P	None
Metals 6020 (Total)	1	250mL P	HNO3				

Name	Signature	Date
(1) Clay Faircloth		10/30/2025

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	October 30, 2025
Source Well:	**MW-7**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	October 30, 2025
Sampled By:	C. Faircloth	Sample Time:	15:45
Weather:	Overcast	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10/30/25	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10/30/25	09:40	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	20.23	ft-TOC
Total Well Depth:	30.00	ft-TOC
Height of Water Column:	9.77	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.6	gal
3 * Well Volume	4.8	gal
5 * Well Volume	8.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 15:05 **End Time:** 15:35

Total Volume Purged: 1.2 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	15:05	5.9	18	1,504	6.8	
0.2	15:10	5.8	17.8	1,474	9.7	
0.4	15:15	5.8	17.9	1,375	12	
0.6	15:20	5.8	17.8	1,083	13	
0.8	15:25	5.8	17.8	1,003	13	
1.0	15:30	5.9	17.9	975	11	
1.2	15:35	5.9	17.7	963	8.4	

Sample Method: Peristaltic Pump **Sample Time:** 15:45

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	4	40mL VOAs	None	Nitrate 353.2	1	250mL P	None
SVOCs PAH 8270 SIM	2	250mL A	None	SM4500 Sulfate	1	250mL P	None
Metals 6020 (Total)	1	250mL P	HNO3				

Name	Signature	Date
(1) Clay Faircloth		10/30/2025

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	October 30, 2025
Source Well:	**MW-8**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	October 30, 2025
Sampled By:	C. Faircloth	Sample Time:	16:55
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10/30/25	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10/30/25	09:40	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	9.61	ft-TOC
Total Well Depth:	31.50	ft-TOC
Height of Water Column:	21.89	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.6	gal
3 * Well Volume	10.7	gal
5 * Well Volume	17.9	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 16:20 **End Time:** 16:50

Total Volume Purged: 1.2 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	16:20	7.3	18.3	459	5.1	
0.2	16:25	7.3	18.4	450	3.8	
0.4	16:30	7.3	18.4	458	2.5	
0.6	16:35	7.2	18.3	453	2.7	
0.8	16:40	7.2	17.9	455	2.9	
1.0	16:45	7.3	18	453	2.5	
1.2	16:50	7.2	17.9	454	2.5	

Sample Method: Peristaltic Pump **Sample Time:** 16:55

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	4	40mL VOAs	None	Nitrate 353.2	1	250mL P	None
SVOCs PAH 8270 SIM	2	250mL A	None	SM4500 Sulfate	1	250mL P	None
Metals 6020 (Total)	1	250mL P	HNO3				

Name	Signature	Date
(1) Clay Faircloth		10/30/2025

Notes:

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

Environmental Field Report

Date:	Job Number:
11 /6 /2025	23050630
Project Name: City of Durham Parks Walltown Park SED/SW Sampling	**Weather/Temperature:** Sunny / 63°
Project Location: 1308 W. Club Blvd, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin, Monica Villegas, Chase Porter

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.

10:30-4

- 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
1050	SED-8	SW-8	6.56	323	12.9	3.04	Low
11:30	SED-7	SW-7	6.55	312	13.5	2.75	Low
12:30	SED-6	SW-6	6.85	312	14.2	4.32	Low
13:00	SED-5	SW-5	6.72	310	15.0	2.27	Low
15:00	SED-Dup	SW-Dup	6.92	310	15.0	2.27	Low
13:30	SED-4	SW-4	7.30	308	15.9	11.1	Low
14:00	SED-3	SW-3	7.50	308	15.3	3.4	Low
14:30	SED-2	SW-2	7.52	305	16.0	3.33	Low
15:00	SED-1	SW-1	7.60	304.	15.6	3.20	Low

Hours	Mileage	Signature of S&ME Personnel
5.5	30	Jonathan Olanin

Appendix III – Laboratory Analytical Reports and COC

eurofins | Air Toxics

Analytical Report

12/4/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name: Durham Parks
Project #: 65000581
Workorder #: 2511564B

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/19/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Brian Whittaker

Project Manager

eurofins | Air Toxics

WORK ORDER #: 2511564B

Work Order Summary

CLIENT:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616	**BILL TO:**	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616
PHONE:	919-872-2660	**P.O. #**	
FAX:	919-790-8909	**PROJECT #**	65000581 Durham Parks
DATE RECEIVED:	11/19/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	12/04/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	824-LFGP-1	Modified ASTM D-1946	4.9 "Hg	1.8 psi
02A	824-LFGP-2	Modified ASTM D-1946	7.1 "Hg	2 psi
03A	824-LFGP-3	Modified ASTM D-1946	8.2 "Hg	2.7 psi
04A	824-LFGP-DUP-01	Modified ASTM D-1946	8.6 "Hg	1.7 psi
05A	824-LFGP-4	Modified ASTM D-1946	8.2 "Hg	1.7 psi
06A	824-LFGP-5	Modified ASTM D-1946	8 "Hg	2.1 psi
07A	824-LFGP-6	Modified ASTM D-1946	8.8 "Hg	1.9 psi
08A	824-LFGP-7	Modified ASTM D-1946	5.5 "Hg	1.9 psi
09A	824-LFGP-8	Modified ASTM D-1946	7.6 "Hg	1.9 psi
10A	824-LFGP-9	Modified ASTM D-1946	8 "Hg	1.9 psi
11A	Lab Blank	Modified ASTM D-1946	NA	NA
12A	CCV	Modified ASTM D-1946	NA	NA
13A	LCS	Modified ASTM D-1946	NA	NA
13AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 12/04/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
Modified ASTM D-1946
S & ME, Inc.
Workorder# 2511564B

Ten 6 Liter Summa Canister samples were received on November 19, 2025. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane in air using GC/FID. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A minimum of 5-point calibration curve is performed. Quantitation is based on average Response Factor.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

The Chain of Custody (COC) information for sample 824-LFGP-6 did not match the information on the canister with regard to canister barcode. The sample labeled 6L5738 on the COC is labeled as 000001290 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

The Chain of Custody (COC) information for samples 824-LFGP-2, 824-LFGP-3, 824-LFGP-DUP-01 and 824-LFGP-5 did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 824-LFGP-1

Lab ID#: 2511564B-01A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00013	0.00018

Client Sample ID: 824-LFGP-2

Lab ID#: 2511564B-02A

No Detections Were Found.

Client Sample ID: 824-LFGP-3

Lab ID#: 2511564B-03A

No Detections Were Found.

Client Sample ID: 824-LFGP-DUP-01

Lab ID#: 2511564B-04A

No Detections Were Found.

Client Sample ID: 824-LFGP-4

Lab ID#: 2511564B-05A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	0.00022

Client Sample ID: 824-LFGP-5

Lab ID#: 2511564B-06A

No Detections Were Found.

Client Sample ID: 824-LFGP-6

Lab ID#: 2511564B-07A

No Detections Were Found.

Client Sample ID: 824-LFGP-7

Lab ID#: 2511564B-08A

eurofins | Air Toxics

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 824-LFGP-7

Lab ID#: 2511564B-08A

No Detections Were Found.

Client Sample ID: 824-LFGP-8

Lab ID#: 2511564B-09A

No Detections Were Found.

Client Sample ID: 824-LFGP-9

Lab ID#: 2511564B-10A

No Detections Were Found.

eurofins | Air Toxics

Client Sample ID: 824-LFGP-1

Lab ID#: 2511564B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120204**	**Date of Collection:**	**11/11/25 11:02:00 A**
Dil. Factor:	**1.34**	**Date of Analysis:**	**12/2/25 12:53 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00013	0.00018

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-2

Lab ID#: 2511564B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120205**	**Date of Collection:**	**11/10/25 12:53:00 P**
Dil. Factor:	**1.49**	**Date of Analysis:**	**12/2/25 01:26 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-3

Lab ID#: 2511564B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120206**	**Date of Collection: 11/10/25 1:10:00 PM**	
Dil. Factor:	**1.63**	**Date of Analysis: 12/2/25 01:51 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-DUP-01

Lab ID#: 2511564B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120207**	**Date of Collection: 11/10/25 1:10:00 PM**	
Dil. Factor:	**1.56**	**Date of Analysis: 12/2/25 02:19 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-4

Lab ID#: 2511564B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120208**	**Date of Collection: 11/11/25 10:45:00 A**	
Dil. Factor:	**1.53**	**Date of Analysis: 12/2/25 02:47 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	0.00022

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-5

Lab ID#: 2511564B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120209**	**Date of Collection: 11/10/25 1:29:00 PM**	
Dil. Factor:	**1.56**	**Date of Analysis: 12/2/25 03:12 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-6

Lab ID#: 2511564B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120210**	**Date of Collection: 11/10/25 2:25:00 PM**	
Dil. Factor:	**1.60**	**Date of Analysis: 12/2/25 03:36 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-7

Lab ID#: 2511564B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120211**	**Date of Collection: 11/11/25 10:34:00 A**	
Dil. Factor:	**1.38**	**Date of Analysis: 12/2/25 04:00 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00014	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-8

Lab ID#: 2511564B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120212**	**Date of Collection: 11/10/25 1:49:00 PM**	
Dil. Factor:	**1.51**	**Date of Analysis: 12/2/25 04:24 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-9

Lab ID#: 2511564B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120213**	**Date of Collection: 11/10/25 2:05:00 PM**	
Dil. Factor:	**1.54**	**Date of Analysis: 12/2/25 04:47 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2511564B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/25 12:16 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00010	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2511564B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120201**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/25 10:45 AM**

Compound	%Recovery
Methane	95

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2511564B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/25 11:31 AM**	

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2511564B-13AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120225**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/3/25 08:55 AM**	

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable

eurofins | Air Toxics

Analytical Report

12/5/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name: Durham Parks
Project #: 65000581
Workorder #: 2511564A

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/19/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Brian Whittaker

Project Manager

eurofins | Air Toxics

WORK ORDER #: 2511564A

Work Order Summary

CLIENT:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616	**BILL TO:**	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616
PHONE:	919-872-2660	**P.O. #**	
FAX:	919-790-8909	**PROJECT #**	65000581 Durham Parks
DATE RECEIVED:	11/19/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	12/05/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	824-LFGP-1	TO-15	4.9 "Hg	1.8 psi
02A	824-LFGP-2	TO-15	7.1 "Hg	2 psi
03A	824-LFGP-3	TO-15	8.2 "Hg	2.7 psi
04A	824-LFGP-DUP-01	TO-15	8.6 "Hg	1.7 psi
05A	824-LFGP-4	TO-15	8.2 "Hg	1.7 psi
06A	824-LFGP-5	TO-15	8 "Hg	2.1 psi
07A	824-LFGP-6	TO-15	8.8 "Hg	1.9 psi
08A	824-LFGP-7	TO-15	5.5 "Hg	1.9 psi
09A	824-LFGP-8	TO-15	7.6 "Hg	1.9 psi
10A	824-LFGP-9	TO-15	8 "Hg	1.9 psi
11A	Lab Blank	TO-15	NA	NA
12A	CCV	TO-15	NA	NA
13A	LCS	TO-15	NA	NA
13AA	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 12/05/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
EPA Method TO-15
S & ME, Inc.
Workorder# 2511564A

Ten 6 Liter Summa Canister samples were received on November 19, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

The Chain of Custody (COC) information for sample 824-LFGP-6 did not match the information on the canister with regard to canister barcode. The sample labeled 6L5738 on the COC is labeled as 000001290 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

The Chain of Custody (COC) information for samples 824-LFGP-2, 824-LFGP-3, 824-LFGP-DUP-01 and 824-LFGP-5 did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

eurofins | Air Toxics

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 824-LFGP-1

Lab ID#: 2511564A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.67	1.8	3.3	8.8

Client Sample ID: 824-LFGP-2

Lab ID#: 2511564A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.74	37	5.0	250

Client Sample ID: 824-LFGP-3

Lab ID#: 2511564A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.82	59	5.5	400

Client Sample ID: 824-LFGP-DUP-01

Lab ID#: 2511564A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.78	57	5.3	390

Client Sample ID: 824-LFGP-4

Lab ID#: 2511564A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	3.1	3.7	7.6	9.1
Cyclohexane	0.77	3.7	2.6	13

Client Sample ID: 824-LFGP-5

Lab ID#: 2511564A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.78	4.0	5.3	27

eurofins | Air Toxics

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 824-LFGP-6

Lab ID#: 2511564A-07A

No Detections Were Found.

Client Sample ID: 824-LFGP-7

Lab ID#: 2511564A-08A

No Detections Were Found.

Client Sample ID: 824-LFGP-8

Lab ID#: 2511564A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.76	4.3	5.1	29

Client Sample ID: 824-LFGP-9

Lab ID#: 2511564A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.77	0.80	3.8	3.9

eurofins | Air Toxics

Client Sample ID: 824-LFGP-1

Lab ID#: 2511564A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120428**	**Date of Collection:**	**11/11/25 11:02:00 A**
Dil. Factor:	**1.34**	**Date of Analysis:**	**12/5/25 04:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.67	Not Detected	3.3	Not Detected
Freon 114	0.67	Not Detected	4.7	Not Detected
Chloromethane	6.7	Not Detected	14	Not Detected
Vinyl Chloride	0.67	Not Detected	1.7	Not Detected
1,3-Butadiene	0.67	Not Detected	1.5	Not Detected
Bromomethane	6.7	Not Detected	26	Not Detected
Chloroethane	2.7	Not Detected	7.1	Not Detected
Freon 11	0.67	Not Detected	3.8	Not Detected
Ethanol	6.7	Not Detected	13	Not Detected
Freon 113	0.67	Not Detected	5.1	Not Detected
1,1-Dichloroethene	0.67	Not Detected	2.6	Not Detected
Acetone	6.7	Not Detected	16	Not Detected
2-Propanol	2.7	Not Detected	6.6	Not Detected
Carbon Disulfide	2.7	Not Detected	8.3	Not Detected
3-Chloropropene	2.7	Not Detected	8.4	Not Detected
Methylene Chloride	6.7	Not Detected	23	Not Detected
Methyl tert-butyl ether	2.7	Not Detected	9.7	Not Detected
trans-1,2-Dichloroethene	0.67	Not Detected	2.6	Not Detected
Hexane	0.67	Not Detected	2.4	Not Detected
1,1-Dichloroethane	0.67	Not Detected	2.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	Not Detected	7.9	Not Detected
cis-1,2-Dichloroethene	0.67	Not Detected	2.6	Not Detected
Tetrahydrofuran	0.67	Not Detected	2.0	Not Detected
Chloroform	0.67	1.8	3.3	8.8
1,1,1-Trichloroethane	0.67	Not Detected	3.6	Not Detected
Cyclohexane	0.67	Not Detected	2.3	Not Detected
Carbon Tetrachloride	0.67	Not Detected	4.2	Not Detected
2,2,4-Trimethylpentane	0.67	Not Detected	3.1	Not Detected
Benzene	0.67	Not Detected	2.1	Not Detected
1,2-Dichloroethane	0.67	Not Detected	2.7	Not Detected
Heptane	0.67	Not Detected	2.7	Not Detected
Trichloroethene	0.67	Not Detected	3.6	Not Detected
1,2-Dichloropropane	0.67	Not Detected	3.1	Not Detected
1,4-Dioxane	2.7	Not Detected	9.6	Not Detected
Bromodichloromethane	0.67	Not Detected	4.5	Not Detected
cis-1,3-Dichloropropene	0.67	Not Detected	3.0	Not Detected
4-Methyl-2-pentanone	0.67	Not Detected	2.7	Not Detected
Toluene	1.3	Not Detected	5.0	Not Detected
trans-1,3-Dichloropropene	0.67	Not Detected	3.0	Not Detected
1,1,2-Trichloroethane	0.67	Not Detected	3.6	Not Detected
Tetrachloroethene	0.67	Not Detected	4.5	Not Detected
2-Hexanone	2.7	Not Detected	11	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-1

Lab ID#: 2511564A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120428**	**Date of Collection:**	**11/11/25 11:02:00 A**
Dil. Factor:	**1.34**	**Date of Analysis:**	**12/5/25 04:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.67	Not Detected	5.7	Not Detected
1,2-Dibromoethane (EDB)	0.67	Not Detected	5.1	Not Detected
Chlorobenzene	0.67	Not Detected	3.1	Not Detected
Ethyl Benzene	0.67	Not Detected	2.9	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	0.67	Not Detected	2.9	Not Detected
Styrene	0.67	Not Detected	2.8	Not Detected
Bromoform	0.67	Not Detected	6.9	Not Detected
Cumene	0.67	Not Detected	3.3	Not Detected
1,1,2,2-Tetrachloroethane	0.67	Not Detected	4.6	Not Detected
Propylbenzene	0.67	Not Detected	3.3	Not Detected
4-Ethyltoluene	0.67	Not Detected	3.3	Not Detected
1,3,5-Trimethylbenzene	0.67	Not Detected	3.3	Not Detected
1,2,4-Trimethylbenzene	0.67	Not Detected	3.3	Not Detected
1,3-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
1,4-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
alpha-Chlorotoluene	0.67	Not Detected	3.5	Not Detected
1,2-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
1,2,4-Trichlorobenzene	2.7	Not Detected	20	Not Detected
Hexachlorobutadiene	2.7	Not Detected	28	Not Detected
Naphthalene	1.3	Not Detected	7.0	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	97	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-2

Lab ID#: 2511564A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120415**	**Date of Collection:**	**11/10/25 12:53:00 P**
Dil. Factor:	**1.49**	**Date of Analysis:**	**12/4/25 06:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	Not Detected	3.7	Not Detected
Freon 114	0.74	Not Detected	5.2	Not Detected
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	Not Detected	1.9	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected	29	Not Detected
Chloroethane	3.0	Not Detected	7.9	Not Detected
Freon 11	0.74	Not Detected	4.2	Not Detected
Ethanol	7.4	Not Detected	14	Not Detected
Freon 113	0.74	Not Detected	5.7	Not Detected
1,1-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Acetone	7.4	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.3	Not Detected
Carbon Disulfide	3.0	Not Detected	9.3	Not Detected
3-Chloropropene	3.0	Not Detected	9.3	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	8.8	Not Detected
cis-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.74	Not Detected	4.7	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.5	Not Detected
Benzene	0.74	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	1.5	Not Detected	5.6	Not Detected
trans-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Tetrachloroethene	0.74	37	5.0	250
2-Hexanone	3.0	Not Detected	12	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-2

Lab ID#: 2511564A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120415**	**Date of Collection: 11/10/25 12:53:00 P**	
Dil. Factor:	**1.49**	**Date of Analysis: 12/4/25 06:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	1.5	Not Detected	6.5	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Styrene	0.74	Not Detected	3.2	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
Cumene	0.74	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.1	Not Detected
Propylbenzene	0.74	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	7.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	99	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-3

Lab ID#: 2511564A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120416**	**Date of Collection:**	**11/10/25 1:10:00 PM**
Dil. Factor:	**1.63**	**Date of Analysis:**	**12/4/25 09:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.82	Not Detected	4.0	Not Detected
Freon 114	0.82	Not Detected	5.7	Not Detected
Chloromethane	8.2	Not Detected	17	Not Detected
Vinyl Chloride	0.82	Not Detected	2.1	Not Detected
1,3-Butadiene	0.82	Not Detected	1.8	Not Detected
Bromomethane	8.2	Not Detected	32	Not Detected
Chloroethane	3.3	Not Detected	8.6	Not Detected
Freon 11	0.82	Not Detected	4.6	Not Detected
Ethanol	8.2	Not Detected	15	Not Detected
Freon 113	0.82	Not Detected	6.2	Not Detected
1,1-Dichloroethene	0.82	Not Detected	3.2	Not Detected
Acetone	8.2	Not Detected	19	Not Detected
2-Propanol	3.3	Not Detected	8.0	Not Detected
Carbon Disulfide	3.3	Not Detected	10	Not Detected
3-Chloropropene	3.3	Not Detected	10	Not Detected
Methylene Chloride	8.2	Not Detected	28	Not Detected
Methyl tert-butyl ether	3.3	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.82	Not Detected	3.2	Not Detected
Hexane	0.82	Not Detected	2.9	Not Detected
1,1-Dichloroethane	0.82	Not Detected	3.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.3	Not Detected	9.6	Not Detected
cis-1,2-Dichloroethene	0.82	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.82	Not Detected	4.0	Not Detected
1,1,1-Trichloroethane	0.82	Not Detected	4.4	Not Detected
Cyclohexane	0.82	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.82	Not Detected	5.1	Not Detected
2,2,4-Trimethylpentane	0.82	Not Detected	3.8	Not Detected
Benzene	0.82	Not Detected	2.6	Not Detected
1,2-Dichloroethane	0.82	Not Detected	3.3	Not Detected
Heptane	0.82	Not Detected	3.3	Not Detected
Trichloroethene	0.82	Not Detected	4.4	Not Detected
1,2-Dichloropropane	0.82	Not Detected	3.8	Not Detected
1,4-Dioxane	3.3	Not Detected	12	Not Detected
Bromodichloromethane	0.82	Not Detected	5.5	Not Detected
cis-1,3-Dichloropropene	0.82	Not Detected	3.7	Not Detected
4-Methyl-2-pentanone	0.82	Not Detected	3.3	Not Detected
Toluene	1.6	Not Detected	6.1	Not Detected
trans-1,3-Dichloropropene	0.82	Not Detected	3.7	Not Detected
1,1,2-Trichloroethane	0.82	Not Detected	4.4	Not Detected
Tetrachloroethene	0.82	59	5.5	400
2-Hexanone	3.3	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-3

Lab ID#: 2511564A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120416**	**Date of Collection:**	**11/10/25 1:10:00 PM**
Dil. Factor:	**1.63**	**Date of Analysis:**	**12/4/25 09:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.82	Not Detected	6.9	Not Detected
1,2-Dibromoethane (EDB)	0.82	Not Detected	6.3	Not Detected
Chlorobenzene	0.82	Not Detected	3.8	Not Detected
Ethyl Benzene	0.82	Not Detected	3.5	Not Detected
m,p-Xylene	1.6	Not Detected	7.1	Not Detected
o-Xylene	0.82	Not Detected	3.5	Not Detected
Styrene	0.82	Not Detected	3.5	Not Detected
Bromoform	0.82	Not Detected	8.4	Not Detected
Cumene	0.82	Not Detected	4.0	Not Detected
1,1,2,2-Tetrachloroethane	0.82	Not Detected	5.6	Not Detected
Propylbenzene	0.82	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.82	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
1,3-Dichlorobenzene	0.82	Not Detected	4.9	Not Detected
1,4-Dichlorobenzene	0.82	Not Detected	4.9	Not Detected
alpha-Chlorotoluene	0.82	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.82	Not Detected	4.9	Not Detected
1,2,4-Trichlorobenzene	3.3	Not Detected	24	Not Detected
Hexachlorobutadiene	3.3	Not Detected	35	Not Detected
Naphthalene	1.6	Not Detected	8.5	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	103	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-DUP-01

Lab ID#: 2511564A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120417**	**Date of Collection:**	**11/10/25 1:10:00 PM**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/4/25 10:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.78	Not Detected	3.8	Not Detected
Freon 114	0.78	Not Detected	5.4	Not Detected
Chloromethane	7.8	Not Detected	16	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	7.8	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.2	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	7.8	Not Detected	15	Not Detected
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	7.8	Not Detected	18	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	3.1	Not Detected	9.7	Not Detected
3-Chloropropene	3.1	Not Detected	9.8	Not Detected
Methylene Chloride	7.8	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.2	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.6	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	1.6	Not Detected	5.9	Not Detected
trans-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Tetrachloroethene	0.78	57	5.3	390
2-Hexanone	3.1	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-DUP-01

Lab ID#: 2511564A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120417**	**Date of Collection:**	**11/10/25 1:10:00 PM**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/4/25 10:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.78	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	1.6	Not Detected	6.8	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Styrene	0.78	Not Detected	3.3	Not Detected
Bromoform	0.78	Not Detected	8.1	Not Detected
Cumene	0.78	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.4	Not Detected
Propylbenzene	0.78	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected
Naphthalene	1.6	Not Detected	8.2	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	92	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-4

Lab ID#: 2511564A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120418**	**Date of Collection:**	**11/11/25 10:45:00 A**
Dil. Factor:	**1.54**	**Date of Analysis:**	**12/4/25 10:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.77	Not Detected	3.8	Not Detected
Freon 114	0.77	Not Detected	5.4	Not Detected
Chloromethane	7.7	Not Detected	16	Not Detected
Vinyl Chloride	0.77	Not Detected	2.0	Not Detected
1,3-Butadiene	0.77	Not Detected	1.7	Not Detected
Bromomethane	7.7	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.1	Not Detected
Freon 11	0.77	Not Detected	4.3	Not Detected
Ethanol	7.7	Not Detected	14	Not Detected
Freon 113	0.77	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Acetone	7.7	Not Detected	18	Not Detected
2-Propanol	3.1	3.7	7.6	9.1
Carbon Disulfide	3.1	Not Detected	9.6	Not Detected
3-Chloropropene	3.1	Not Detected	9.6	Not Detected
Methylene Chloride	7.7	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Hexane	0.77	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.77	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.1	Not Detected
cis-1,2-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.77	Not Detected	2.3	Not Detected
Chloroform	0.77	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.77	Not Detected	4.2	Not Detected
Cyclohexane	0.77	3.7	2.6	13
Carbon Tetrachloride	0.77	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.77	Not Detected	3.6	Not Detected
Benzene	0.77	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.77	Not Detected	3.1	Not Detected
Heptane	0.77	Not Detected	3.2	Not Detected
Trichloroethene	0.77	Not Detected	4.1	Not Detected
1,2-Dichloropropane	0.77	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.77	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.77	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.77	Not Detected	3.2	Not Detected
Toluene	1.5	Not Detected	5.8	Not Detected
trans-1,3-Dichloropropene	0.77	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.77	Not Detected	4.2	Not Detected
Tetrachloroethene	0.77	Not Detected	5.2	Not Detected
2-Hexanone	3.1	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-4

Lab ID#: 2511564A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120418**	**Date of Collection:**	**11/11/25 10:45:00 A**
Dil. Factor:	**1.54**	**Date of Analysis:**	**12/4/25 10:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.77	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.77	Not Detected	5.9	Not Detected
Chlorobenzene	0.77	Not Detected	3.5	Not Detected
Ethyl Benzene	0.77	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	0.77	Not Detected	3.3	Not Detected
Styrene	0.77	Not Detected	3.3	Not Detected
Bromoform	0.77	Not Detected	8.0	Not Detected
Cumene	0.77	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.77	Not Detected	5.3	Not Detected
Propylbenzene	0.77	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.77	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.77	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.77	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.77	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected
Naphthalene	1.5	Not Detected	8.1	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	97	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-5

Lab ID#: 2511564A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120419**	**Date of Collection:**	**11/10/25 1:29:00 PM**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/4/25 11:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.78	Not Detected	3.8	Not Detected
Freon 114	0.78	Not Detected	5.4	Not Detected
Chloromethane	7.8	Not Detected	16	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	7.8	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.2	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	7.8	Not Detected	15	Not Detected
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	7.8	Not Detected	18	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	3.1	Not Detected	9.7	Not Detected
3-Chloropropene	3.1	Not Detected	9.8	Not Detected
Methylene Chloride	7.8	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.2	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.6	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	1.6	Not Detected	5.9	Not Detected
trans-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Tetrachloroethene	0.78	4.0	5.3	27
2-Hexanone	3.1	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-5

Lab ID#: 2511564A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120419**	**Date of Collection:**	**11/10/25 1:29:00 PM**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/4/25 11:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.78	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	1.6	Not Detected	6.8	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Styrene	0.78	Not Detected	3.3	Not Detected
Bromoform	0.78	Not Detected	8.1	Not Detected
Cumene	0.78	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.4	Not Detected
Propylbenzene	0.78	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected
Naphthalene	1.6	Not Detected	8.2	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	96	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-6

Lab ID#: 2511564A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120420**	**Date of Collection:**	**11/10/25 2:25:00 PM**
Dil. Factor:	**1.60**	**Date of Analysis:**	**12/4/25 11:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.80	Not Detected	4.0	Not Detected
Freon 114	0.80	Not Detected	5.6	Not Detected
Chloromethane	8.0	Not Detected	16	Not Detected
Vinyl Chloride	0.80	Not Detected	2.0	Not Detected
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	8.0	Not Detected	31	Not Detected
Chloroethane	3.2	Not Detected	8.4	Not Detected
Freon 11	0.80	Not Detected	4.5	Not Detected
Ethanol	8.0	Not Detected	15	Not Detected
Freon 113	0.80	Not Detected	6.1	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Acetone	8.0	Not Detected	19	Not Detected
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	3.2	Not Detected	10	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	8.0	Not Detected	28	Not Detected
Methyl tert-butyl ether	3.2	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Hexane	0.80	Not Detected	2.8	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.2	Not Detected	9.4	Not Detected
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.80	Not Detected	2.4	Not Detected
Chloroform	0.80	Not Detected	3.9	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.80	Not Detected	3.7	Not Detected
Benzene	0.80	Not Detected	2.6	Not Detected
1,2-Dichloroethane	0.80	Not Detected	3.2	Not Detected
Heptane	0.80	Not Detected	3.3	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.7	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.80	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.3	Not Detected
Toluene	1.6	Not Detected	6.0	Not Detected
trans-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Tetrachloroethene	0.80	Not Detected	5.4	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-6

Lab ID#: 2511564A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120420**	**Date of Collection:**	**11/10/25 2:25:00 PM**
Dil. Factor:	**1.60**	**Date of Analysis:**	**12/4/25 11:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.80	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.1	Not Detected
Chlorobenzene	0.80	Not Detected	3.7	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	1.6	Not Detected	6.9	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Styrene	0.80	Not Detected	3.4	Not Detected
Bromoform	0.80	Not Detected	8.3	Not Detected
Cumene	0.80	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.5	Not Detected
Propylbenzene	0.80	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.80	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	3.9	Not Detected
1,3-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected
Naphthalene	1.6	Not Detected	8.4	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	97	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-7

Lab ID#: 2511564A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120421**	**Date of Collection:**	**11/11/25 10:34:00 A**
Dil. Factor:	**1.38**	**Date of Analysis:**	**12/5/25 12:23 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.69	Not Detected	3.4	Not Detected
Freon 114	0.69	Not Detected	4.8	Not Detected
Chloromethane	6.9	Not Detected	14	Not Detected
Vinyl Chloride	0.69	Not Detected	1.8	Not Detected
1,3-Butadiene	0.69	Not Detected	1.5	Not Detected
Bromomethane	6.9	Not Detected	27	Not Detected
Chloroethane	2.8	Not Detected	7.3	Not Detected
Freon 11	0.69	Not Detected	3.9	Not Detected
Ethanol	6.9	Not Detected	13	Not Detected
Freon 113	0.69	Not Detected	5.3	Not Detected
1,1-Dichloroethene	0.69	Not Detected	2.7	Not Detected
Acetone	6.9	Not Detected	16	Not Detected
2-Propanol	2.8	Not Detected	6.8	Not Detected
Carbon Disulfide	2.8	Not Detected	8.6	Not Detected
3-Chloropropene	2.8	Not Detected	8.6	Not Detected
Methylene Chloride	6.9	Not Detected	24	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.69	Not Detected	2.7	Not Detected
Hexane	0.69	Not Detected	2.4	Not Detected
1,1-Dichloroethane	0.69	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	Not Detected	8.1	Not Detected
cis-1,2-Dichloroethene	0.69	Not Detected	2.7	Not Detected
Tetrahydrofuran	0.69	Not Detected	2.0	Not Detected
Chloroform	0.69	Not Detected	3.4	Not Detected
1,1,1-Trichloroethane	0.69	Not Detected	3.8	Not Detected
Cyclohexane	0.69	Not Detected	2.4	Not Detected
Carbon Tetrachloride	0.69	Not Detected	4.3	Not Detected
2,2,4-Trimethylpentane	0.69	Not Detected	3.2	Not Detected
Benzene	0.69	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.69	Not Detected	2.8	Not Detected
Heptane	0.69	Not Detected	2.8	Not Detected
Trichloroethene	0.69	Not Detected	3.7	Not Detected
1,2-Dichloropropane	0.69	Not Detected	3.2	Not Detected
1,4-Dioxane	2.8	Not Detected	9.9	Not Detected
Bromodichloromethane	0.69	Not Detected	4.6	Not Detected
cis-1,3-Dichloropropene	0.69	Not Detected	3.1	Not Detected
4-Methyl-2-pentanone	0.69	Not Detected	2.8	Not Detected
Toluene	1.4	Not Detected	5.2	Not Detected
trans-1,3-Dichloropropene	0.69	Not Detected	3.1	Not Detected
1,1,2-Trichloroethane	0.69	Not Detected	3.8	Not Detected
Tetrachloroethene	0.69	Not Detected	4.7	Not Detected
2-Hexanone	2.8	Not Detected	11	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-7

Lab ID#: 2511564A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120421**	**Date of Collection:**	**11/11/25 10:34:00 A**
Dil. Factor:	**1.38**	**Date of Analysis:**	**12/5/25 12:23 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.69	Not Detected	5.9	Not Detected
1,2-Dibromoethane (EDB)	0.69	Not Detected	5.3	Not Detected
Chlorobenzene	0.69	Not Detected	3.2	Not Detected
Ethyl Benzene	0.69	Not Detected	3.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	0.69	Not Detected	3.0	Not Detected
Styrene	0.69	Not Detected	2.9	Not Detected
Bromoform	0.69	Not Detected	7.1	Not Detected
Cumene	0.69	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.69	Not Detected	4.7	Not Detected
Propylbenzene	0.69	Not Detected	3.4	Not Detected
4-Ethyltoluene	0.69	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.69	Not Detected	3.4	Not Detected
1,2,4-Trimethylbenzene	0.69	Not Detected	3.4	Not Detected
1,3-Dichlorobenzene	0.69	Not Detected	4.1	Not Detected
1,4-Dichlorobenzene	0.69	Not Detected	4.1	Not Detected
alpha-Chlorotoluene	0.69	Not Detected	3.6	Not Detected
1,2-Dichlorobenzene	0.69	Not Detected	4.1	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	20	Not Detected
Hexachlorobutadiene	2.8	Not Detected	29	Not Detected
Naphthalene	1.4	Not Detected	7.2	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	95	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-8

Lab ID#: 2511564A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120422**	**Date of Collection:**	**11/10/25 1:49:00 PM**
Dil. Factor:	**1.51**	**Date of Analysis:**	**12/5/25 12:54 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.76	Not Detected	3.7	Not Detected
Freon 114	0.76	Not Detected	5.3	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
Vinyl Chloride	0.76	Not Detected	1.9	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	7.6	Not Detected	29	Not Detected
Chloroethane	3.0	Not Detected	8.0	Not Detected
Freon 11	0.76	Not Detected	4.2	Not Detected
Ethanol	7.6	Not Detected	14	Not Detected
Freon 113	0.76	Not Detected	5.8	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Acetone	7.6	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.4	Not Detected
Carbon Disulfide	3.0	Not Detected	9.4	Not Detected
3-Chloropropene	3.0	Not Detected	9.4	Not Detected
Methylene Chloride	7.6	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	8.9	Not Detected
cis-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.76	Not Detected	3.7	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.5	Not Detected
Benzene	0.76	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.76	Not Detected	3.0	Not Detected
Heptane	0.76	Not Detected	3.1	Not Detected
Trichloroethene	0.76	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.5	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.1	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Tetrachloroethene	0.76	4.3	5.1	29
2-Hexanone	3.0	Not Detected	12	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-8

Lab ID#: 2511564A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120422**	**Date of Collection:**	**11/10/25 1:49:00 PM**
Dil. Factor:	**1.51**	**Date of Analysis:**	**12/5/25 12:54 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.76	Not Detected	6.4	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.8	Not Detected
Chlorobenzene	0.76	Not Detected	3.5	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Styrene	0.76	Not Detected	3.2	Not Detected
Bromoform	0.76	Not Detected	7.8	Not Detected
Cumene	0.76	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.2	Not Detected
Propylbenzene	0.76	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.5	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	3.9	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.5	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	7.9	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	100	70-130

eurofins | Air Toxics

Client Sample ID: 824-LFGP-9

Lab ID#: 2511564A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120423**	**Date of Collection:**	**11/10/25 2:05:00 PM**
Dil. Factor:	**1.54**	**Date of Analysis:**	**12/5/25 01:25 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.77	Not Detected	3.8	Not Detected
Freon 114	0.77	Not Detected	5.4	Not Detected
Chloromethane	7.7	Not Detected	16	Not Detected
Vinyl Chloride	0.77	Not Detected	2.0	Not Detected
1,3-Butadiene	0.77	Not Detected	1.7	Not Detected
Bromomethane	7.7	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.1	Not Detected
Freon 11	0.77	Not Detected	4.3	Not Detected
Ethanol	7.7	Not Detected	14	Not Detected
Freon 113	0.77	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Acetone	7.7	Not Detected	18	Not Detected
2-Propanol	3.1	Not Detected	7.6	Not Detected
Carbon Disulfide	3.1	Not Detected	9.6	Not Detected
3-Chloropropene	3.1	Not Detected	9.6	Not Detected
Methylene Chloride	7.7	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Hexane	0.77	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.77	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.1	Not Detected
cis-1,2-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.77	Not Detected	2.3	Not Detected
Chloroform	0.77	0.80	3.8	3.9
1,1,1-Trichloroethane	0.77	Not Detected	4.2	Not Detected
Cyclohexane	0.77	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.77	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.77	Not Detected	3.6	Not Detected
Benzene	0.77	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.77	Not Detected	3.1	Not Detected
Heptane	0.77	Not Detected	3.2	Not Detected
Trichloroethene	0.77	Not Detected	4.1	Not Detected
1,2-Dichloropropane	0.77	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.77	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.77	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.77	Not Detected	3.2	Not Detected
Toluene	1.5	Not Detected	5.8	Not Detected
trans-1,3-Dichloropropene	0.77	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.77	Not Detected	4.2	Not Detected
Tetrachloroethene	0.77	Not Detected	5.2	Not Detected
2-Hexanone	3.1	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-9

Lab ID#: 2511564A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120423**	**Date of Collection:**	**11/10/25 2:05:00 PM**
Dil. Factor:	**1.54**	**Date of Analysis:**	**12/5/25 01:25 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.77	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.77	Not Detected	5.9	Not Detected
Chlorobenzene	0.77	Not Detected	3.5	Not Detected
Ethyl Benzene	0.77	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	0.77	Not Detected	3.3	Not Detected
Styrene	0.77	Not Detected	3.3	Not Detected
Bromoform	0.77	Not Detected	8.0	Not Detected
Cumene	0.77	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.77	Not Detected	5.3	Not Detected
Propylbenzene	0.77	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.77	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.77	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.77	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.77	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected
Naphthalene	1.5	Not Detected	8.1	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	98	70-130

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2511564A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	5.0	Not Detected	9.4	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2511564A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Naphthalene	1.0	Not Detected	5.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	100	70-130

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2511564A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120403**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:14 AM**

Compound	%Recovery
Freon 12	113
Freon 114	102
Chloromethane	116
Vinyl Chloride	111
1,3-Butadiene	115
Bromomethane	106
Chloroethane	114
Freon 11	110
Ethanol	103
Freon 113	105
1,1-Dichloroethene	110
Acetone	118
2-Propanol	105
Carbon Disulfide	105
3-Chloropropene	110
Methylene Chloride	112
Methyl tert-butyl ether	113
trans-1,2-Dichloroethene	111
Hexane	119
1,1-Dichloroethane	108
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	116
Tetrahydrofuran	119
Chloroform	115
1,1,1-Trichloroethane	115
Cyclohexane	121
Carbon Tetrachloride	114
2,2,4-Trimethylpentane	124
Benzene	101
1,2-Dichloroethane	98
Heptane	101
Trichloroethene	108
1,2-Dichloropropane	106
1,4-Dioxane	97
Bromodichloromethane	96
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	104
Toluene	102
trans-1,3-Dichloropropene	97
1,1,2-Trichloroethane	106
Tetrachloroethene	93
2-Hexanone	102

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2511564A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:14 AM**	

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	110
Chlorobenzene	106
Ethyl Benzene	113
m,p-Xylene	114
o-Xylene	119
Styrene	123
Bromoform	102
Cumene	119
1,1,2,2-Tetrachloroethane	100
Propylbenzene	107
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	98
1,2,4-Trichlorobenzene	115
Hexachlorobutadiene	97
Naphthalene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	97	70-130

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2511564A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:45 AM**	

Compound	%Recovery	Method Limits
Freon 12	109	70-130
Freon 114	101	70-130
Chloromethane	113	70-130
Vinyl Chloride	108	70-130
1,3-Butadiene	113	70-130
Bromomethane	106	70-130
Chloroethane	110	70-130
Freon 11	107	70-130
Ethanol	87	70-130
Freon 113	101	70-130
1,1-Dichloroethene	109	70-130
Acetone	114	70-130
2-Propanol	106	70-130
Carbon Disulfide	94	70-130
3-Chloropropene	106	70-130
Methylene Chloride	96	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	101	70-130
Hexane	103	70-130
1,1-Dichloroethane	106	70-130
2-Butanone (Methyl Ethyl Ketone)	104	70-130
cis-1,2-Dichloroethene	111	70-130
Tetrahydrofuran	102	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	115	70-130
Cyclohexane	106	70-130
Carbon Tetrachloride	113	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	88	70-130
1,2-Dichloroethane	83	70-130
Heptane	88	70-130
Trichloroethene	92	70-130
1,2-Dichloropropane	93	70-130
1,4-Dioxane	88	70-130
Bromodichloromethane	101	70-130
cis-1,3-Dichloropropene	98	70-130
4-Methyl-2-pentanone	92	70-130
Toluene	90	70-130
trans-1,3-Dichloropropene	102	70-130
1,1,2-Trichloroethane	109	70-130
Tetrachloroethene	85	70-130
2-Hexanone	93	70-130

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2511564A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:45 AM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	104	70-130
1,2-Dibromoethane (EDB)	115	70-130
Chlorobenzene	96	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	104	70-130
o-Xylene	109	70-130
Styrene	126	70-130
Bromoform	107	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	108	70-130
Propylbenzene	112	70-130
4-Ethyltoluene	115	70-130
1,3,5-Trimethylbenzene	112	70-130
1,2,4-Trimethylbenzene	115	70-130
1,3-Dichlorobenzene	102	70-130
1,4-Dichlorobenzene	102	70-130
alpha-Chlorotoluene	115	70-130
1,2-Dichlorobenzene	102	70-130
1,2,4-Trichlorobenzene	102	70-130
Hexachlorobutadiene	86	70-130
Naphthalene	100	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	100	70-130

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2511564A-13AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:16 PM**	

Compound	%Recovery	Method Limits
Freon 12	110	70-130
Freon 114	102	70-130
Chloromethane	113	70-130
Vinyl Chloride	108	70-130
1,3-Butadiene	114	70-130
Bromomethane	108	70-130
Chloroethane	111	70-130
Freon 11	109	70-130
Ethanol	90	70-130
Freon 113	103	70-130
1,1-Dichloroethene	110	70-130
Acetone	117	70-130
2-Propanol	107	70-130
Carbon Disulfide	95	70-130
3-Chloropropene	109	70-130
Methylene Chloride	97	70-130
Methyl tert-butyl ether	101	70-130
trans-1,2-Dichloroethene	103	70-130
Hexane	104	70-130
1,1-Dichloroethane	106	70-130
2-Butanone (Methyl Ethyl Ketone)	105	70-130
cis-1,2-Dichloroethene	113	70-130
Tetrahydrofuran	106	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	117	70-130
Cyclohexane	109	70-130
Carbon Tetrachloride	114	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	91	70-130
1,2-Dichloroethane	85	70-130
Heptane	91	70-130
Trichloroethene	95	70-130
1,2-Dichloropropane	93	70-130
1,4-Dioxane	89	70-130
Bromodichloromethane	104	70-130
cis-1,3-Dichloropropene	101	70-130
4-Methyl-2-pentanone	93	70-130
Toluene	92	70-130
trans-1,3-Dichloropropene	105	70-130
1,1,2-Trichloroethane	114	70-130
Tetrachloroethene	86	70-130
2-Hexanone	97	70-130

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2511564A-13AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:16 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	108	70-130
1,2-Dibromoethane (EDB)	119	70-130
Chlorobenzene	98	70-130
Ethyl Benzene	104	70-130
m,p-Xylene	106	70-130
o-Xylene	106	70-130
Styrene	124	70-130
Bromoform	109	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	112	70-130
Propylbenzene	116	70-130
4-Ethyltoluene	119	70-130
1,3,5-Trimethylbenzene	116	70-130
1,2,4-Trimethylbenzene	118	70-130
1,3-Dichlorobenzene	105	70-130
1,4-Dichlorobenzene	104	70-130
alpha-Chlorotoluene	122	70-130
1,2-Dichlorobenzene	104	70-130
1,2,4-Trichlorobenzene	107	70-130
Hexachlorobutadiene	90	70-130
Naphthalene	106	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	103	70-130

eurofins | Air Toxics

Method : TO-15 + Naph

CAS Number	Compound	Rpt. Limit (ppbv)
75-71-8	Freon 12	0.50
76-14-2	Freon 114	0.50
74-87-3	Chloromethane	5.0
75-01-4	Vinyl Chloride	0.50
106-99-0	1,3-Butadiene	0.50
74-83-9	Bromomethane	5.0
75-00-3	Chloroethane	2.0
75-69-4	Freon 11	0.50
64-17-5	Ethanol	5.0
76-13-1	Freon 113	0.50
75-35-4	1,1-Dichloroethene	0.50
67-64-1	Acetone	5.0
67-63-0	2-Propanol	2.0
75-15-0	Carbon Disulfide	2.0
107-05-1	3-Chloropropene	2.0
75-09-2	Methylene Chloride	5.0
1634-04-4	Methyl tert-butyl ether	2.0
156-60-5	trans-1,2-Dichloroethene	0.50
110-54-3	Hexane	0.50
75-34-3	1,1-Dichloroethane	0.50
78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.0
156-59-2	cis-1,2-Dichloroethene	0.50
109-99-9	Tetrahydrofuran	0.50
67-66-3	Chloroform	0.50
71-55-6	1,1,1-Trichloroethane	0.50
110-82-7	Cyclohexane	0.50
56-23-5	Carbon Tetrachloride	0.50
540-84-1	2,2,4-Trimethylpentane	0.50
71-43-2	Benzene	0.50
107-06-2	1,2-Dichloroethane	0.50
142-82-5	Heptane	0.50
79-01-6	Trichloroethene	0.50
78-87-5	1,2-Dichloropropane	0.50
123-91-1	1,4-Dioxane	2.0
75-27-4	Bromodichloromethane	0.50
10061-01-5	cis-1,3-Dichloropropene	0.50
108-10-1	4-Methyl-2-pentanone	0.50
108-88-3	Toluene	1.0
10061-02-6	trans-1,3-Dichloropropene	0.50
79-00-5	1,1,2-Trichloroethane	0.50
127-18-4	Tetrachloroethene	0.50
591-78-6	2-Hexanone	2.0
124-48-1	Dibromochloromethane	0.50
106-93-4	1,2-Dibromoethane (EDB)	0.50

eurofins | Air Toxics

Method : TO-15 + Naph

CAS Number	Compound	Rpt. Limit (ppbv)
108-90-7	Chlorobenzene	0.50
100-41-4	Ethyl Benzene	0.50
108-38-3	m,p-Xylene	1.0
95-47-6	o-Xylene	0.50
100-42-5	Styrene	0.50
75-25-2	Bromoform	0.50
98-82-8	Cumene	0.50
79-34-5	1,1,2,2-Tetrachloroethane	0.50
103-65-1	Propylbenzene	0.50
622-96-8	4-Ethyltoluene	0.50
108-67-8	1,3,5-Trimethylbenzene	0.50
95-63-6	1,2,4-Trimethylbenzene	0.50
541-73-1	1,3-Dichlorobenzene	0.50
106-46-7	1,4-Dichlorobenzene	0.50
100-44-7	alpha-Chlorotoluene	0.50
95-50-1	1,2-Dichlorobenzene	0.50
120-82-1	1,2,4-Trichlorobenzene	2.0
87-68-3	Hexachlorobutadiene	2.0
91-20-3	Naphthalene	1.0

	Surrogate	Method Limits
2037-26-5	Toluene-d8	70-130
17060-07-0	1,2-Dichloroethane-d4	70-130
460-00-4	4-Bromofluorobenzene	70-130

EMSL Analytical, Inc.

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

EMSL Order ID: 012543539
LIMS Reference ID: AD43539
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 - Walltown (824) Phase E
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 14:56

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 824-LFGP-2			**Lims Reference ID:**		**AD43539-01**	**Matrix: Tubes**			**Sampled: 11/10/25 12:54:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/08/25 11:15	12/08/25 15:14	SD	NIOSH 6009
Sample: 824-LFGP-3			**Lims Reference ID:**		**AD43539-02**	**Matrix: Tubes**			**Sampled: 11/10/25 13:15:00**
Metals									
Mercury	ND		1	0.79	µg/m³	12/08/25 11:15	12/08/25 15:16	SD	NIOSH 6009
Sample: 824-LFGP-5			**Lims Reference ID:**		**AD43539-03**	**Matrix: Tubes**			**Sampled: 11/10/25 13:30:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/08/25 11:15	12/08/25 15:19	SD	NIOSH 6009
Sample: 824-LFGP-8			**Lims Reference ID:**		**AD43539-04**	**Matrix: Tubes**			**Sampled: 11/10/25 13:49:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/08/25 11:15	12/08/25 15:21	SD	NIOSH 6009
Sample: 824-LFGP-9			**Lims Reference ID:**		**AD43539-05**	**Matrix: Tubes**			**Sampled: 11/10/25 14:05:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/08/25 11:15	12/08/25 15:24	SD	NIOSH 6009
Sample: 824-LFGP-6			**Lims Reference ID:**		**AD43539-06**	**Matrix: Tubes**			**Sampled: 11/10/25 14:26:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/08/25 11:15	12/08/25 15:26	SD	NIOSH 6009
Sample: 824-LFGP-DUP-01			**Lims Reference ID:**		**AD43539-07**	**Matrix: Tubes**			**Sampled: 11/10/25 13:15:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/08/25 11:15	12/08/25 15:29	SD	NIOSH 6009
Sample: 824-LFGP-7			**Lims Reference ID:**		**AD43539-08**	**Matrix: Tubes**			**Sampled: 11/11/25 11:13:00**
Metals									
Mercury	ND		1	0.81	µg/m³	12/08/25 11:15	12/08/25 15:31	SD	NIOSH 6009
Sample: 824-LFGP-4			**Lims Reference ID:**		**AD43539-09**	**Matrix: Tubes**			**Sampled: 11/11/25 11:15:00**
Metals									

EMSL Analytical, Inc.

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

EMSL Order ID: 012543539
LIMS Reference ID: AD43539
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 - Walltown (824) Phase E
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 14:56

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 824-LFGP-4 (Continued)			**Lims Reference ID:**	**AD43539-09**	**Matrix: Tubes**				**Sampled: 11/11/25 11:15:00**
Metals (Continued)									
Mercury	ND		1	0.81	µg/m³	12/08/25 11:15	12/08/25 15:34	SD	NIOSH 6009
Sample: 824-LFGP-1			**Lims Reference ID:**	**AD43539-10**	**Matrix: Tubes**				**Sampled: 11/11/25 11:19:00**
Metals									
Mercury	ND		1	0.85	µg/m³	12/08/25 11:15	12/08/25 15:36	SD	NIOSH 6009

EMSL Analytical, Inc.

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

EMSL Order ID: 012543539
LIMS Reference ID: AD43539
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 - Walltown (824) Phase E
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 14:56

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.

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

EMSL Order ID: 012543539
LIMS Reference ID: AD43539
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 - Walltown (824) Phase E
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 14:56

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.

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AD 43539

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 / lhester@smeinc.com

Billing Information

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

Project Name/No: City of Durham Parks - 23050630 - Walltown (0234) Phase E

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: Logan Hester

Sampled By Signature:

No. Samples in Shipment: 10

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
824-LFGP-2		NIOSH 6009 - mercury	Sorbent Tube		1254	1354		☒ Area ☐ Personal	12-10-25	
824-LFGP-3					1315	1415		☒ Area ☐ Personal		
824-LFGP-5					1330	1430		☒ Area ☐ Personal		
824-LFGP-8					1349	1449		☒ Area ☐ Personal		
824-LFGP-9					1405	1505		☒ Area ☐ Personal		
824-LFGP-6					1426	1526		☒ Area ☐ Personal		
824-LFGP-DUP-01					1315	1415		☒ Area ☐ Personal		
								☐ Area ☐ Personal		

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:

Relinquished by: [signature] Date/Time:

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

Relinquished by: Date/Time:

Received by: Date/Time:

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

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

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

HD43539

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

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

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
824-LFIR-7		NIOSH 6009 - mercury	Sorbent Tube		1113	1215		☒ Area ☐ Personal	11-11-25	
824-LFIR-4		"	"		1115	1217		☒ Area ☐ Personal	"	
824-LFIR-1		"	"		1119	1218		☒ Area ☐ Personal	"	
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ 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
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD41794-01	824-LFGP-2	Air	11/10/2025	11/11/2025
AD41794-02	824-LFGP-3	Air	11/10/2025	11/11/2025
AD41794-03	824-LFGP-5	Air	11/10/2025	11/11/2025
AD41794-04	824-LFGP-8	Air	11/10/2025	11/11/2025
AD41794-05	824-LFGP-9	Air	11/10/2025	11/11/2025
AD41794-06	824-LFGP-6	Air	11/10/2025	11/11/2025
AD41794-07	824-LFGP-DUP-01	Air	11/10/2025	11/11/2025

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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

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:

Initial Calibration:
All acceptance criteria were met.

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

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

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

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

Sample Duplicate:
All acceptance criteria were met.

EMSL Analytical, Inc.

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

EMSL Order ID: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

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

Owen McKenna Laboratory Manager or other approved signatory

EMSL Analytical, Inc.

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

EMSL Order ID: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-01
Customer Sample ID: 824-LFGP-2
Collected: 11/10/2025 16:00
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 17:59	BDK1246	R1559.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	11/11/25 17:59	
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

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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-02
Customer Sample ID: 824-LFGP-3

Collected: 11/10/2025 15:50
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 18:12	BDK1246	R1560.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	11/11/25 18:12	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-03
Customer Sample ID: 824-LFGP-5
Collected: 11/10/2025 15:35
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 18:25	BDK1246	R1561.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	11/11/25 18:25	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

OSHA= Occupational Safety and Health Administration
NIOSH=National Institute for Occupational Safety and Health
ACGIH=American Conference of Governmental Industrial Hygienistsn

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-04
Customer Sample ID: 824-LFGP-8

Collected: 11/10/2025 15:15
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 18:53	BDK1246	R1563.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	11/11/25 18:53	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-05
Customer Sample ID: 824-LFGP-9

Collected: 11/10/2025 15:10
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 19:07	BDK1246	R1564.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	11/11/25 19:07	
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

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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-06
Customer Sample ID: 824-LFGP-6
Collected: 11/10/2025 15:30
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 19:21	BDK1246	R1565.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	11/11/25 19:21	
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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

EMSL Sample ID: AD41794-07
Customer Sample ID: 824-LFGP-DUP-01
Collected: 11/10/2025 00:00
Received: 11/11/2025 09:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/11/25 19:34	BDK1246	R1566.D	824-LFGP-DUP-01	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/11/25 19:34	
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: 012541794
LIMS Reference ID: AD41794
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 Ph. (Walltown Park 824RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/11/2025 09:20
Reported: 11/25/2025 14:12

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 - Sampling Event
Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: AN 41794

RECEIVED EMSL CINNAMINSON, NJ 2025 NOV 11 A 9:47

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

Customer Information

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

Billing Information

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

Project Name/No: City of Durham Parks - 23050630 Ph. E (Walltown Park 824RI-9)

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)

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No

Other (Specify)

PWS ID:

State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☑ CLIENT

Samples Received Chilled? ☐ ☐ No

Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: Logan Hester

Sampled By Signature: Logan Hester

Sampler ID#: (if applicable)

No. Samples in Shipment:

Turn-Around-Time (TAT)

Standard Turn-Around-Time: ☑ 2 Weeks

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
B24-LFGP-2	☐	☒	11-10-25 1600	A		X								Low Level H2S
B24-LFGP-3	☐	☒	1550	A										
B24-LFGP-5	☐	☒	1535	A										
B24-LFGP-8	☐	☑	1515	A										

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

Low Level H_2S - 24 hr hold

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

Method of Shipment: FedEx

Sample Condition Upon Receipt:

Received on Ice? Check If Yes ☐

Relinquished by: Logan Hester	Date/Time: 11-10-25 1615	Received by: E-FX	Date/Time 11/11/25 0920
Relinquished by:	Date/Time:	Received by: A-TEX	Date/Time 11/11/25 1000

☐ 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.

7SAH

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

404794 EMSL Order Number / Lab Use Only

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

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

RECEIVED EMSL CINNAMINSON, NJ 2025 NOV 11 A 9:47

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.)

Low level H_2S - 24 hr. hold

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
B24-LFGP-9	☐	☒	11/10/25 1510	A		X								Low Level H_2S
B24-LFGP-6	☐	☒	1530	"		X								"
B24-LFGP-MP-01	☐	☒	"	"		X								"
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												

Method of Shipment: FedEx		Sample Condition Upon Receipt:	Received on Ice? Check If Yes ☐
Relinquished by: Logan Hester	Date/Time: 11-10-25 1615	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-80 Chemistry Sampling Event R4 07/15/2025

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

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD42723-01	824-LFGP-1	Air	11/17/2025	11/18/2025
AD42723-02	824-LFGP-4	Air	11/17/2025	11/18/2025
AD42723-03	824-LFGP-7	Air	11/17/2025	11/18/2025

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: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

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:

Initial Calibration:
All acceptance criteria were met.

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

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

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

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

Sample Duplicate:
All acceptance criteria were met.

EMSL Analytical, Inc.

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

EMSL Order ID: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

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

Owen McKenna Laboratory Manager or other approved signatory

EMSL Analytical, Inc.

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

EMSL Order ID: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

EMSL Sample ID: AD42723-01
Customer Sample ID: 824-LFGP-1
Collected: 11/17/2025 13:40
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 13:20	BDK2010	R1609.D	tedlar	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	11/18/25 13:20	
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**

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: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

EMSL Sample ID: AD42723-02
Customer Sample ID: 824-LFGP-4
Collected: 11/17/2025 13:30
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 13:33	BDK2010	R1610.D	tedlar	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	11/18/25 13:33	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

EMSL Sample ID: AD42723-03
Customer Sample ID: 824-LFGP-7
Collected: 11/17/2025 13:20
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 13:47	BDK2010	R1611.D	tedlar	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	11/18/25 13:47	
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
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: 012542723
LIMS Reference ID: AD42723
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630 - 824 - Walltown
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 14:39

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.

824

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: 542723

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

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
Email(s) for Report: jpaul@smeinc.com

Billing Information

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

RECEIVED 2025 NOV 18 P 2:20 CINNAMINSON NJ

Project Name/No: Durham Parks 23050630 - 824 - Walltown
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)
Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Other (Specify)
PWS ID:
State Reporting Required? ☐ Yes ☐ No
Samples Collected by (Check One): ☐ EMSL ☑ CLIENT
Samples Received Chilled? ☐ ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)
Sampled By Name: 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: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
824-LFGP-1	☐	☒	11-17 1340	A		X								Low Level H2S
824-LFGP-4	☐	☒	1330	A		X								
824-LFGP-7	☐	☒	1320	A		X								
	☐	☐												

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

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

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

Relinquished by: Brandon Governo Date/Time: 11-17-25
Received by: Date/Time: 11/18/25 1230
Relinquished by: Date/Time:
Received by: Date/Time

Controlled Document - COC-80 Chemistry Sampling Event R4 07/15/2025

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

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

3

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/13/2025 2:16:28 PM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-38798-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
11/13/2025 2:16:28 PM

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

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 7
Client Sample Results 11
Surrogate Summary 53
Isotope Dilution Summary 54
QC Sample Results 55
QC Association Summary 73
Lab Chronicle 78
Certification Summary 83
Method Summary 84
Sample Summary 85
Chain of Custody 86
Receipt Checklists 93

Definitions/Glossary

Client: S&ME Inc
Job ID: 752-38798-1
Project/Site: Walltown Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	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.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
752-38798-1

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 11/3/2025 2:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

Receipt Exceptions
The samples were received past the method holding time for Nitrite analysis. Per client request the laboratory proceeded with this analysis outside the method holding time.

The Trip Blank was not listed on the Chain-of-Custody (COC). Per client request the laboratory proceeded with the 8260D - VOCs analysis for the Trip Blank.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-729745 recovered outside control limits for the following analyte: Acetone. 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 400-729456 and analytical batch 400-729583 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol and 4-Nitroaniline. 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.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-93007 and analytical batch 705-94317 contained Silver above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

General Chemistry
Method 353.2_Nitrite: All of the samples were analyzed outside of the Nitrite analytical holding time since they were received past the holding time.

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: 752-38798-1

Client Sample ID: 824-MW-5 — Lab Sample ID: 752-38798-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.44		1.00	0.840	ug/L	1		8260D	Total/NA
Arsenic	1.51	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	58.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	210		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	4.47	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.652	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.652		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	22.0	F1 F2	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-6 — Lab Sample ID: 752-38798-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.540	J	1.00	0.500	ug/L	1		8260D	Total/NA
Caprolactam	22.0		11.6	2.78	ug/L	1		8270E	Total/NA
Arsenic	2.70	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	213		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.541	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Lead	0.994	J	1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	610		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.49	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
Nitrate Nitrite as N	0.0290	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0290	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	28.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-7 — Lab Sample ID: 752-38798-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	11.2	J	11.6	2.79	ug/L	1		8270E	Total/NA
Barium	96.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.798	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Manganese	143		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	33.0		5.00	0.422	ug/L	1		6020B	Total Recoverable
Silver	0.215	J B	1.00	0.167	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.609		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.609		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	12.2		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-8 — Lab Sample ID: 752-38798-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	147		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	104		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	2.76	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Mercury	0.388		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	0.726		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.726		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	12.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-1 — Lab Sample ID: 752-38798-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.22		1.00	0.900	ug/L	1		8260D	Total/NA
Arsenic	1.52	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	47.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	20.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.18	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.09	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	46.8		10.0	8.91	ug/L	1		6020B	Total Recoverable
Mercury	0.314		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	0.730		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.730		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	26.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-3 — Lab Sample ID: 752-38798-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	69.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	4.03	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Silver	0.171	J B	1.00	0.167	ug/L	1		6020B	Total Recoverable
Thallium	0.231	J	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	1.73	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.04		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	1.04		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	24.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-2 — Lab Sample ID: 752-38798-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	112		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	155		5.00	1.29	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 824-MW-2 (Continued) — Lab Sample ID: 752-38798-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	1.49	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.25	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	11.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.738		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.738		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	26.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-4 — Lab Sample ID: 752-38798-8

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	586		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	227		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.37	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Sulfate	20.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-9 — Lab Sample ID: 752-38798-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	2.80	J	11.5	2.76	ug/L	1		8270E	Total/NA
Arsenic	1.75	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	193		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	293		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	2.72	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Mercury	0.569		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	0.0200	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0200	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	10.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 824-MW-Dup-1 — Lab Sample ID: 752-38798-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	65.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	211		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.826	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	5.46		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.565		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.565		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	20.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-38798-1
Project/Site: Walltown Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-38798-11

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-5
Date Collected: 10/31/25 11:40
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+ F2	25.0	10.0	ug/L			11/07/25 16:27	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 16:27	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 16:27	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 16:27	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 16:27	1
2-Butanone (MEK)	ND	F2	25.0	2.60	ug/L			11/07/25 16:27	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 16:27	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 16:27	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 16:27	1
Chlorobromomethane	ND	F2	1.00	0.520	ug/L			11/07/25 16:27	1
Chlorodibromomethane	ND	F2	1.00	0.610	ug/L			11/07/25 16:27	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 16:27	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 16:27	1
Chloromethane	**2.44**		1.00	0.840	ug/L			11/07/25 16:27	1
2-Chlorotoluene	ND	F2	1.00	0.570	ug/L			11/07/25 16:27	1
4-Chlorotoluene	ND	F2	1.00	0.560	ug/L			11/07/25 16:27	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 16:27	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 16:27	1
1,2-Dibromo-3-Chloropropane	ND	F2	5.00	1.50	ug/L			11/07/25 16:27	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 16:27	1
1,2-Dichlorobenzene	ND	F2	1.00	0.500	ug/L			11/07/25 16:27	1
1,3-Dichlorobenzene	ND	F2	1.00	0.540	ug/L			11/07/25 16:27	1
1,4-Dichlorobenzene	ND	F2	1.00	0.640	ug/L			11/07/25 16:27	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 16:27	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 16:27	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 16:27	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 16:27	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 16:27	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 16:27	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 16:27	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 16:27	1
Ethyl acetate	ND	F2	10.0	6.14	ug/L			11/07/25 16:27	1
Ethylbenzene	ND	F2	1.00	0.500	ug/L			11/07/25 16:27	1
Ethylene Dibromide	ND	F2	1.00	0.230	ug/L			11/07/25 16:27	1
Hexachlorobutadiene	ND	F2	5.00	0.900	ug/L			11/07/25 16:27	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 16:27	1
2-Hexanone	ND	F2	25.0	9.10	ug/L			11/07/25 16:27	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 16:27	1
Isopropylbenzene	ND	F2	1.00	0.530	ug/L			11/07/25 16:27	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 16:27	1
4-Isopropyltoluene	ND	F2	1.00	0.710	ug/L			11/07/25 16:27	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 16:27	1
4-Methyl-2-pentanone (MIBK)	ND	F2	25.0	1.80	ug/L			11/07/25 16:27	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 16:27	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 16:27	1
Naphthalene	ND	F2	5.00	3.00	ug/L			11/07/25 16:27	1
n-Butylbenzene	ND	F2	1.00	0.760	ug/L			11/07/25 16:27	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 16:27	1
N-Propylbenzene	ND	F2	1.00	0.690	ug/L			11/07/25 16:27	1

Client Sample ID: 824-MW-5
Date Collected: 10/31/25 11:40
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-1
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	F2	5.00	3.00	ug/L			11/07/25 16:27	1
sec-Butylbenzene	ND	F2	1.00	0.700	ug/L			11/07/25 16:27	1
Styrene	ND	F2	1.00	1.00	ug/L			11/07/25 16:27	1
tert-Butylbenzene	ND	F2	1.00	0.630	ug/L			11/07/25 16:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 16:27	1
1,1,2,2-Tetrachloroethane	ND	F2	1.00	0.500	ug/L			11/07/25 16:27	1
Tetrachloroethene	ND	F2	1.00	0.330	ug/L			11/07/25 16:27	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 16:27	1
trans-1,4-Dichloro-2-butene	ND	F1 F2	5.00	1.00	ug/L			11/07/25 16:27	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 16:27	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 16:27	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 16:27	1
1,2,4-Trichlorobenzene	ND	F2	1.00	0.820	ug/L			11/07/25 16:27	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 16:27	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 16:27	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 16:27	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 16:27	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 16:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 16:27	1
1,2,4-Trimethylbenzene	ND	F2	1.00	0.820	ug/L			11/07/25 16:27	1
1,3,5-Trimethylbenzene	ND	F2	1.00	0.560	ug/L			11/07/25 16:27	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 16:27	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 16:27	1
Xylenes, Total	ND	F2	10.0	6.00	ug/L			11/07/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*11/07/25 16:27*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/07/25 16:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/07/25 16:27*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/07/25 16:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		11/05/25 15:11	11/06/25 20:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*11/05/25 15:11*	*11/06/25 20:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.6	0.486	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,4,5-Trichlorophenol	ND		11.6	0.625	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,4,6-Trichlorophenol	ND		11.6	1.26	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,4-Dichlorophenol	ND		11.6	0.660	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,4-Dimethylphenol	ND		11.6	0.278	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,4-Dinitrophenol	ND		34.7	5.42	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,4-Dinitrotoluene	ND	*+	11.6	0.753	ug/L		11/05/25 11:18	11/06/25 20:02	1
2,6-Dinitrotoluene	ND	*+	11.6	0.336	ug/L		11/05/25 11:18	11/06/25 20:02	1
2-Chloronaphthalene	ND		11.6	0.440	ug/L		11/05/25 11:18	11/06/25 20:02	1
2-Chlorophenol	ND		11.6	0.972	ug/L		11/05/25 11:18	11/06/25 20:02	1
2-Methylnaphthalene	ND		11.6	0.938	ug/L		11/05/25 11:18	11/06/25 20:02	1

Client Sample ID: 824-MW-5
Lab Sample ID: 752-38798-1
Date Collected: 10/31/25 11:40
Matrix: Water
Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.6	0.880	ug/L		11/05/25 11:18	11/06/25 20:02	1
2-Nitroaniline	ND	*+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 20:02	1
2-Nitrophenol	ND	*+	11.6	1.35	ug/L		11/05/25 11:18	11/06/25 20:02	1
3 & 4 Methylphenol	ND		23.2	5.33	ug/L		11/05/25 11:18	11/06/25 20:02	1
3,3'-Dichlorobenzidine	ND		12.7	0.475	ug/L		11/05/25 11:18	11/06/25 20:02	1
3-Nitroaniline	ND	*+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 20:02	1
4,6-Dinitro-2-methylphenol	ND	*+	11.6	2.28	ug/L		11/05/25 11:18	11/06/25 20:02	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 20:02	1
4-Chloro-3-methylphenol	ND		11.6	0.845	ug/L		11/05/25 11:18	11/06/25 20:02	1
4-Chloroaniline	ND		11.6	0.671	ug/L		11/05/25 11:18	11/06/25 20:02	1
4-Chlorophenyl phenyl ether	ND		11.6	0.278	ug/L		11/05/25 11:18	11/06/25 20:02	1
4-Nitroaniline	ND	*+	11.6	4.05	ug/L		11/05/25 11:18	11/06/25 20:02	1
4-Nitrophenol	ND		11.6	3.17	ug/L		11/05/25 11:18	11/06/25 20:02	1
Acenaphthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 20:02	1
Acenaphthylene	ND		11.6	0.880	ug/L		11/05/25 11:18	11/06/25 20:02	1
Acetophenone	ND		11.6	3.70	ug/L		11/05/25 11:18	11/06/25 20:02	1
Anthracene	ND		11.6	1.05	ug/L		11/05/25 11:18	11/06/25 20:02	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 20:02	1
Benzaldehyde	ND		11.6	0.776	ug/L		11/05/25 11:18	11/06/25 20:02	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 20:02	1
Benzo[a]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 20:02	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 20:02	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 20:02	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 20:02	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 20:02	1
Bis(2-chloroethoxy)methane	ND		11.6	0.394	ug/L		11/05/25 11:18	11/06/25 20:02	1
Bis(2-chloroethyl)ether	ND		11.6	0.845	ug/L		11/05/25 11:18	11/06/25 20:02	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:02	1
Butyl benzyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:02	1
Caprolactam	ND		11.6	2.78	ug/L		11/05/25 11:18	11/06/25 20:02	1
Carbazole	ND		11.6	0.370	ug/L		11/05/25 11:18	11/06/25 20:02	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 20:02	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 20:02	1
Dibenzofuran	ND		11.6	0.741	ug/L		11/05/25 11:18	11/06/25 20:02	1
Diethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:02	1
Dimethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:02	1
Di-n-butyl phthalate	ND		11.6	9.48	ug/L		11/05/25 11:18	11/06/25 20:02	1
Di-n-octyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:02	1
Fluoranthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 20:02	1
Fluorene	ND		11.6	0.776	ug/L		11/05/25 11:18	11/06/25 20:02	1
Hexachlorobenzene	ND		11.6	0.289	ug/L		11/05/25 11:18	11/06/25 20:02	1
Hexachlorobutadiene	ND		11.6	0.637	ug/L		11/05/25 11:18	11/06/25 20:02	1
Hexachlorocyclopentadiene	ND		23.2	0.370	ug/L		11/05/25 11:18	11/06/25 20:02	1
Hexachloroethane	ND		11.6	0.614	ug/L		11/05/25 11:18	11/06/25 20:02	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 20:02	1
Isophorone	ND		11.6	0.926	ug/L		11/05/25 11:18	11/06/25 20:02	1
Naphthalene	ND		11.6	0.868	ug/L		11/05/25 11:18	11/06/25 20:02	1
Nitrobenzene	ND		11.6	0.695	ug/L		11/05/25 11:18	11/06/25 20:02	1
N-Nitrosodi-n-propylamine	ND		11.6	0.382	ug/L		11/05/25 11:18	11/06/25 20:02	1

Client Sample ID: 824-MW-5
Date Collected: 10/31/25 11:40
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-1
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		11.6	0.220	ug/L		11/05/25 11:18	11/06/25 20:02	1
Pentachlorophenol	ND		11.6	3.24	ug/L		11/05/25 11:18	11/06/25 20:02	1
Phenanthrene	ND		11.6	0.857	ug/L		11/05/25 11:18	11/06/25 20:02	1
Phenol	ND		11.6	0.787	ug/L		11/05/25 11:18	11/06/25 20:02	1
Pyrene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*113*		*10 - 150*	*11/05/25 11:18*	*11/06/25 20:02*	*1*
2-Fluorobiphenyl (Surr)	*98*		*25 - 139*	*11/05/25 11:18*	*11/06/25 20:02*	*1*
2-Fluorophenol (Surr)	*90*		*10 - 150*	*11/05/25 11:18*	*11/06/25 20:02*	*1*
Nitrobenzene-d5 (Surr)	*132*		*22 - 150*	*11/05/25 11:18*	*11/06/25 20:02*	*1*
Phenol-d5 (Surr)	*89*		*10 - 150*	*11/05/25 11:18*	*11/06/25 20:02*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*11/05/25 11:18*	*11/06/25 20:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:45	1
Arsenic	**1.51**	**J**	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:45	1
Barium	**58.6**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:45	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:45	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:45	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:45	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:45	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:45	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:45	1
Manganese	**210**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:45	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:45	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:45	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:45	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:45	1
Vanadium	**4.47**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:45	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:45	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		11/11/25 11:25	11/11/25 16:10	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			11/04/25 15:48	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 15:59	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.652**	**F1**	0.100	0.0100	mg/L			11/05/25 11:35	1
Nitrate as N (SM Nitrate by calc)	**0.652**		0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	**22.0**	**F1 F2**	5.00	1.40	mg/L			11/07/25 14:03	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-6
Date Collected: 10/31/25 14:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-2
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			11/07/25 18:14	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 18:14	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 18:14	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 18:14	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 18:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 18:14	1
Carbon disulfide	**0.540**	**J**	1.00	0.500	ug/L			11/07/25 18:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 18:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 18:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 18:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 18:14	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 18:14	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 18:14	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 18:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 18:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 18:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 18:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 18:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 18:14	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 18:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 18:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 18:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 18:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 18:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 18:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 18:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 18:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 18:14	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 18:14	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 18:14	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 18:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 18:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 18:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 18:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 18:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 18:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 18:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 18:14	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 18:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 18:14	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 18:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 18:14	1

Client Sample ID: 824-MW-6
Lab Sample ID: 752-38798-2
Date Collected: 10/31/25 14:00
Matrix: Water
Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/07/25 18:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 18:14	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 18:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 18:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 18:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 18:14	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 18:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 18:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 18:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 18:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 18:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 18:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 18:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 18:14	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 18:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 18:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 18:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 18:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 18:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 18:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 18:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/07/25 18:14*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/07/25 18:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*		*11/07/25 18:14*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/07/25 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		0.327	0.327	ug/L		11/05/25 15:11	11/06/25 21:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*11/05/25 15:11*	*11/06/25 21:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.6	0.486	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,4,5-Trichlorophenol	ND		11.6	0.625	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,4,6-Trichlorophenol	ND		11.6	1.26	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,4-Dichlorophenol	ND		11.6	0.660	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,4-Dimethylphenol	ND		11.6	0.278	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,4-Dinitrophenol	ND		34.7	5.42	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,4-Dinitrotoluene	ND	*+	11.6	0.753	ug/L		11/05/25 11:18	11/06/25 20:36	1
2,6-Dinitrotoluene	ND	*+	11.6	0.336	ug/L		11/05/25 11:18	11/06/25 20:36	1
2-Chloronaphthalene	ND		11.6	0.440	ug/L		11/05/25 11:18	11/06/25 20:36	1
2-Chlorophenol	ND		11.6	0.972	ug/L		11/05/25 11:18	11/06/25 20:36	1
2-Methylnaphthalene	ND		11.6	0.938	ug/L		11/05/25 11:18	11/06/25 20:36	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-6
Date Collected: 10/31/25 14:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-2
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		11.6	0.880	ug/L		11/05/25 11:18	11/06/25 20:36	1
2-Nitroaniline	ND	*+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 20:36	1
2-Nitrophenol	ND	*+	11.6	1.35	ug/L		11/05/25 11:18	11/06/25 20:36	1
3 & 4 Methylphenol	ND		23.2	5.33	ug/L		11/05/25 11:18	11/06/25 20:36	1
3,3'-Dichlorobenzidine	ND		12.7	0.475	ug/L		11/05/25 11:18	11/06/25 20:36	1
3-Nitroaniline	ND	*+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 20:36	1
4,6-Dinitro-2-methylphenol	ND	*+	11.6	2.28	ug/L		11/05/25 11:18	11/06/25 20:36	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 20:36	1
4-Chloro-3-methylphenol	ND		11.6	0.845	ug/L		11/05/25 11:18	11/06/25 20:36	1
4-Chloroaniline	ND		11.6	0.671	ug/L		11/05/25 11:18	11/06/25 20:36	1
4-Chlorophenyl phenyl ether	ND		11.6	0.278	ug/L		11/05/25 11:18	11/06/25 20:36	1
4-Nitroaniline	ND	*+	11.6	4.05	ug/L		11/05/25 11:18	11/06/25 20:36	1
4-Nitrophenol	ND		11.6	3.17	ug/L		11/05/25 11:18	11/06/25 20:36	1
Acenaphthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 20:36	1
Acenaphthylene	ND		11.6	0.880	ug/L		11/05/25 11:18	11/06/25 20:36	1
Acetophenone	ND		11.6	3.70	ug/L		11/05/25 11:18	11/06/25 20:36	1
Anthracene	ND		11.6	1.05	ug/L		11/05/25 11:18	11/06/25 20:36	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 20:36	1
Benzaldehyde	ND		11.6	0.776	ug/L		11/05/25 11:18	11/06/25 20:36	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 20:36	1
Benzo[a]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 20:36	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 20:36	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 20:36	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 20:36	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 20:36	1
Bis(2-chloroethoxy)methane	ND		11.6	0.394	ug/L		11/05/25 11:18	11/06/25 20:36	1
Bis(2-chloroethyl)ether	ND		11.6	0.845	ug/L		11/05/25 11:18	11/06/25 20:36	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:36	1
Butyl benzyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:36	1
Caprolactam	**22.0**		11.6	2.78	ug/L		11/05/25 11:18	11/06/25 20:36	1
Carbazole	ND		11.6	0.370	ug/L		11/05/25 11:18	11/06/25 20:36	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 20:36	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 20:36	1
Dibenzofuran	ND		11.6	0.741	ug/L		11/05/25 11:18	11/06/25 20:36	1
Diethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:36	1
Dimethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:36	1
Di-n-butyl phthalate	ND		11.6	9.48	ug/L		11/05/25 11:18	11/06/25 20:36	1
Di-n-octyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 20:36	1
Fluoranthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 20:36	1
Fluorene	ND		11.6	0.776	ug/L		11/05/25 11:18	11/06/25 20:36	1
Hexachlorobenzene	ND		11.6	0.289	ug/L		11/05/25 11:18	11/06/25 20:36	1
Hexachlorobutadiene	ND		11.6	0.637	ug/L		11/05/25 11:18	11/06/25 20:36	1
Hexachlorocyclopentadiene	ND		23.2	0.370	ug/L		11/05/25 11:18	11/06/25 20:36	1
Hexachloroethane	ND		11.6	0.614	ug/L		11/05/25 11:18	11/06/25 20:36	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 20:36	1
Isophorone	ND		11.6	0.926	ug/L		11/05/25 11:18	11/06/25 20:36	1
Naphthalene	ND		11.6	0.868	ug/L		11/05/25 11:18	11/06/25 20:36	1
Nitrobenzene	ND		11.6	0.695	ug/L		11/05/25 11:18	11/06/25 20:36	1
N-Nitrosodi-n-propylamine	ND		11.6	0.382	ug/L		11/05/25 11:18	11/06/25 20:36	1

Client Sample ID: 824-MW-6
Date Collected: 10/31/25 14:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-2
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		11.6	0.220	ug/L		11/05/25 11:18	11/06/25 20:36	1
Pentachlorophenol	ND		11.6	3.24	ug/L		11/05/25 11:18	11/06/25 20:36	1
Phenanthrene	ND		11.6	0.857	ug/L		11/05/25 11:18	11/06/25 20:36	1
Phenol	ND		11.6	0.787	ug/L		11/05/25 11:18	11/06/25 20:36	1
Pyrene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*116*		*10 - 150*	*11/05/25 11:18*	*11/06/25 20:36*	*1*
2-Fluorobiphenyl (Surr)	*100*		*25 - 139*	*11/05/25 11:18*	*11/06/25 20:36*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 150*	*11/05/25 11:18*	*11/06/25 20:36*	*1*
Nitrobenzene-d5 (Surr)	*136*		*22 - 150*	*11/05/25 11:18*	*11/06/25 20:36*	*1*
Phenol-d5 (Surr)	*93*		*10 - 150*	*11/05/25 11:18*	*11/06/25 20:36*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*11/05/25 11:18*	*11/06/25 20:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:48	1
Arsenic	**2.70**	**J**	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:48	1
Barium	**213**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:48	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:48	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:48	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:48	1
Cobalt	**0.541**	**J**	5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:48	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:48	1
Lead	**0.994**	**J**	1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:48	1
Manganese	**610**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:48	1
Nickel	**1.49**	**J**	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:48	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:48	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:48	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:48	1
Vanadium	**1.65**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:48	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:48	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		11/11/25 11:25	11/11/25 16:14	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			11/04/25 15:56	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:00	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0290**	**J**	0.100	0.0100	mg/L			11/05/25 11:41	1
Nitrate as N (SM Nitrate by calc)	**0.0290**	**J**	0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**28.9**		5.00	1.40	mg/L			11/07/25 12:54	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-7
Date Collected: 10/31/25 15:45
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/07/25 18:41	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 18:41	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 18:41	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 18:41	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 18:41	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 18:41	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 18:41	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 18:41	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 18:41	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 18:41	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 18:41	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 18:41	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 18:41	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 18:41	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 18:41	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 18:41	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 18:41	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 18:41	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 18:41	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 18:41	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 18:41	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 18:41	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 18:41	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 18:41	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 18:41	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 18:41	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 18:41	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 18:41	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 18:41	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 18:41	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 18:41	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 18:41	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 18:41	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 18:41	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 18:41	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 18:41	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 18:41	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 18:41	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 18:41	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 18:41	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 18:41	1

Client Sample ID: 824-MW-7
Date Collected: 10/31/25 15:45
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-3
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			11/07/25 18:41	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 18:41	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 18:41	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 18:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 18:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 18:41	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 18:41	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 18:41	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 18:41	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 18:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 18:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 18:41	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 18:41	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 18:41	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 18:41	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 18:41	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 18:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 18:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 18:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 18:41	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 18:41	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 18:41	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*11/07/25 18:41*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/07/25 18:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/07/25 18:41*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/07/25 18:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		11/05/25 15:11	11/06/25 21:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/05/25 15:11*	*11/06/25 21:41*	*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		11.6	0.488	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,4,5-Trichlorophenol	ND		11.6	0.627	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,4,6-Trichlorophenol	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,4-Dichlorophenol	ND		11.6	0.662	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,4-Dimethylphenol	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,4-Dinitrophenol	ND		34.8	5.44	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,4-Dinitrotoluene	ND	*+	11.6	0.755	ug/L		11/05/25 11:18	11/06/25 21:09	1
2,6-Dinitrotoluene	ND	*+	11.6	0.337	ug/L		11/05/25 11:18	11/06/25 21:09	1
2-Chloronaphthalene	ND		11.6	0.441	ug/L		11/05/25 11:18	11/06/25 21:09	1
2-Chlorophenol	ND		11.6	0.976	ug/L		11/05/25 11:18	11/06/25 21:09	1
2-Methylnaphthalene	ND		11.6	0.941	ug/L		11/05/25 11:18	11/06/25 21:09	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-7
Date Collected: 10/31/25 15:45
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-3
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		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 21:09	1
2-Nitroaniline	ND	*+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 21:09	1
2-Nitrophenol	ND	*+	11.6	1.36	ug/L		11/05/25 11:18	11/06/25 21:09	1
3 & 4 Methylphenol	ND		23.2	5.34	ug/L		11/05/25 11:18	11/06/25 21:09	1
3,3'-Dichlorobenzidine	ND		12.8	0.476	ug/L		11/05/25 11:18	11/06/25 21:09	1
3-Nitroaniline	ND	*+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 21:09	1
4,6-Dinitro-2-methylphenol	ND	*+	11.6	2.29	ug/L		11/05/25 11:18	11/06/25 21:09	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 21:09	1
4-Chloro-3-methylphenol	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 21:09	1
4-Chloroaniline	ND		11.6	0.674	ug/L		11/05/25 11:18	11/06/25 21:09	1
4-Chlorophenyl phenyl ether	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 21:09	1
4-Nitroaniline	ND	*+	11.6	4.07	ug/L		11/05/25 11:18	11/06/25 21:09	1
4-Nitrophenol	ND		11.6	3.18	ug/L		11/05/25 11:18	11/06/25 21:09	1
Acenaphthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 21:09	1
Acenaphthylene	ND		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 21:09	1
Acetophenone	ND		11.6	3.72	ug/L		11/05/25 11:18	11/06/25 21:09	1
Anthracene	ND		11.6	1.06	ug/L		11/05/25 11:18	11/06/25 21:09	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 21:09	1
Benzaldehyde	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 21:09	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 21:09	1
Benzo[a]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 21:09	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 21:09	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 21:09	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 21:09	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 21:09	1
Bis(2-chloroethoxy)methane	ND		11.6	0.395	ug/L		11/05/25 11:18	11/06/25 21:09	1
Bis(2-chloroethyl)ether	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 21:09	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:09	1
Butyl benzyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:09	1
Caprolactam	**11.2**	**J**	11.6	2.79	ug/L		11/05/25 11:18	11/06/25 21:09	1
Carbazole	ND		11.6	0.372	ug/L		11/05/25 11:18	11/06/25 21:09	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 21:09	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 21:09	1
Dibenzofuran	ND		11.6	0.743	ug/L		11/05/25 11:18	11/06/25 21:09	1
Diethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:09	1
Dimethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:09	1
Di-n-butyl phthalate	ND		11.6	9.51	ug/L		11/05/25 11:18	11/06/25 21:09	1
Di-n-octyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:09	1
Fluoranthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 21:09	1
Fluorene	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 21:09	1
Hexachlorobenzene	ND		11.6	0.290	ug/L		11/05/25 11:18	11/06/25 21:09	1
Hexachlorobutadiene	ND		11.6	0.639	ug/L		11/05/25 11:18	11/06/25 21:09	1
Hexachlorocyclopentadiene	ND		23.2	0.372	ug/L		11/05/25 11:18	11/06/25 21:09	1
Hexachloroethane	ND		11.6	0.616	ug/L		11/05/25 11:18	11/06/25 21:09	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 21:09	1
Isophorone	ND		11.6	0.929	ug/L		11/05/25 11:18	11/06/25 21:09	1
Naphthalene	ND		11.6	0.871	ug/L		11/05/25 11:18	11/06/25 21:09	1
Nitrobenzene	ND		11.6	0.697	ug/L		11/05/25 11:18	11/06/25 21:09	1
N-Nitrosodi-n-propylamine	ND		11.6	0.383	ug/L		11/05/25 11:18	11/06/25 21:09	1

Client Sample ID: 824-MW-7
Date Collected: 10/31/25 15:45
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-3
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		11.6	0.221	ug/L		11/05/25 11:18	11/06/25 21:09	1
Pentachlorophenol	ND		11.6	3.25	ug/L		11/05/25 11:18	11/06/25 21:09	1
Phenanthrene	ND		11.6	0.860	ug/L		11/05/25 11:18	11/06/25 21:09	1
Phenol	ND		11.6	0.790	ug/L		11/05/25 11:18	11/06/25 21:09	1
Pyrene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*118*		*10 - 150*	*11/05/25 11:18*	*11/06/25 21:09*	*1*
2-Fluorobiphenyl (Surr)	*99*		*25 - 139*	*11/05/25 11:18*	*11/06/25 21:09*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 150*	*11/05/25 11:18*	*11/06/25 21:09*	*1*
Nitrobenzene-d5 (Surr)	*134*		*22 - 150*	*11/05/25 11:18*	*11/06/25 21:09*	*1*
Phenol-d5 (Surr)	*91*		*10 - 150*	*11/05/25 11:18*	*11/06/25 21:09*	*1*
Terphenyl-d14 (Surr)	*56*		*28 - 150*	*11/05/25 11:18*	*11/06/25 21:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:51	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:51	1
Barium	**96.7**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:51	1
Beryllium	**0.798**	**J**	1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:51	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:51	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:51	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:51	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:51	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:51	1
Manganese	**143**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:51	1
Nickel	**33.0**		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:51	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:51	1
Silver	**0.215**	**J B**	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:51	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:51	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:51	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:51	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		11/11/25 11:25	11/11/25 16:18	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			11/04/25 15:59	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:02	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.609**		0.100	0.0100	mg/L			11/05/25 11:42	1
Nitrate as N (SM Nitrate by calc)	**0.609**		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**12.2**		5.00	1.40	mg/L			11/07/25 12:54	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-8
Date Collected: 10/31/25 16:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-4
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			11/07/25 19:08	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 19:08	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 19:08	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 19:08	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 19:08	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 19:08	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 19:08	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 19:08	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 19:08	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 19:08	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 19:08	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 19:08	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 19:08	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 19:08	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 19:08	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 19:08	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 19:08	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 19:08	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 19:08	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 19:08	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 19:08	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 19:08	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 19:08	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 19:08	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 19:08	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 19:08	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 19:08	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 19:08	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 19:08	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 19:08	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 19:08	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 19:08	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 19:08	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 19:08	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 19:08	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 19:08	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 19:08	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 19:08	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 19:08	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 19:08	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 19:08	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 19:08	1

Client Sample ID: 824-MW-8
Date Collected: 10/31/25 16:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-4
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			11/07/25 19:08	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 19:08	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 19:08	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 19:08	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 19:08	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 19:08	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 19:08	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 19:08	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 19:08	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 19:08	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 19:08	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 19:08	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 19:08	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 19:08	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 19:08	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 19:08	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 19:08	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 19:08	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 19:08	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 19:08	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 19:08	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*11/07/25 19:08*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*11/07/25 19:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*11/07/25 19:08*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/07/25 19:08*	*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		0.313	0.313	ug/L		11/05/25 15:11	11/06/25 22:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*11/05/25 15:11*	*11/06/25 22:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.6	0.488	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,4,5-Trichlorophenol	ND		11.6	0.627	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,4,6-Trichlorophenol	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,4-Dichlorophenol	ND		11.6	0.662	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,4-Dimethylphenol	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,4-Dinitrophenol	ND		34.8	5.44	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,4-Dinitrotoluene	ND	*+	11.6	0.755	ug/L		11/05/25 11:18	11/06/25 21:42	1
2,6-Dinitrotoluene	ND	*+	11.6	0.337	ug/L		11/05/25 11:18	11/06/25 21:42	1
2-Chloronaphthalene	ND		11.6	0.441	ug/L		11/05/25 11:18	11/06/25 21:42	1
2-Chlorophenol	ND		11.6	0.976	ug/L		11/05/25 11:18	11/06/25 21:42	1
2-Methylnaphthalene	ND		11.6	0.941	ug/L		11/05/25 11:18	11/06/25 21:42	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-8
Date Collected: 10/31/25 16:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-4
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		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 21:42	1
2-Nitroaniline	ND	*+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 21:42	1
2-Nitrophenol	ND	*+	11.6	1.36	ug/L		11/05/25 11:18	11/06/25 21:42	1
3 & 4 Methylphenol	ND		23.2	5.34	ug/L		11/05/25 11:18	11/06/25 21:42	1
3,3'-Dichlorobenzidine	ND		12.8	0.476	ug/L		11/05/25 11:18	11/06/25 21:42	1
3-Nitroaniline	ND	*+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 21:42	1
4,6-Dinitro-2-methylphenol	ND	*+	11.6	2.29	ug/L		11/05/25 11:18	11/06/25 21:42	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 21:42	1
4-Chloro-3-methylphenol	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 21:42	1
4-Chloroaniline	ND		11.6	0.674	ug/L		11/05/25 11:18	11/06/25 21:42	1
4-Chlorophenyl phenyl ether	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 21:42	1
4-Nitroaniline	ND	*+	11.6	4.07	ug/L		11/05/25 11:18	11/06/25 21:42	1
4-Nitrophenol	ND		11.6	3.18	ug/L		11/05/25 11:18	11/06/25 21:42	1
Acenaphthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 21:42	1
Acenaphthylene	ND		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 21:42	1
Acetophenone	ND		11.6	3.72	ug/L		11/05/25 11:18	11/06/25 21:42	1
Anthracene	ND		11.6	1.06	ug/L		11/05/25 11:18	11/06/25 21:42	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 21:42	1
Benzaldehyde	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 21:42	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 21:42	1
Benzo[a]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 21:42	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 21:42	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 21:42	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 21:42	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 21:42	1
Bis(2-chloroethoxy)methane	ND		11.6	0.395	ug/L		11/05/25 11:18	11/06/25 21:42	1
Bis(2-chloroethyl)ether	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 21:42	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:42	1
Butyl benzyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:42	1
Caprolactam	ND		11.6	2.79	ug/L		11/05/25 11:18	11/06/25 21:42	1
Carbazole	ND		11.6	0.372	ug/L		11/05/25 11:18	11/06/25 21:42	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 21:42	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 21:42	1
Dibenzofuran	ND		11.6	0.743	ug/L		11/05/25 11:18	11/06/25 21:42	1
Diethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:42	1
Dimethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:42	1
Di-n-butyl phthalate	ND		11.6	9.51	ug/L		11/05/25 11:18	11/06/25 21:42	1
Di-n-octyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 21:42	1
Fluoranthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 21:42	1
Fluorene	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 21:42	1
Hexachlorobenzene	ND		11.6	0.290	ug/L		11/05/25 11:18	11/06/25 21:42	1
Hexachlorobutadiene	ND		11.6	0.639	ug/L		11/05/25 11:18	11/06/25 21:42	1
Hexachlorocyclopentadiene	ND		23.2	0.372	ug/L		11/05/25 11:18	11/06/25 21:42	1
Hexachloroethane	ND		11.6	0.616	ug/L		11/05/25 11:18	11/06/25 21:42	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 21:42	1
Isophorone	ND		11.6	0.929	ug/L		11/05/25 11:18	11/06/25 21:42	1
Naphthalene	ND		11.6	0.871	ug/L		11/05/25 11:18	11/06/25 21:42	1
Nitrobenzene	ND		11.6	0.697	ug/L		11/05/25 11:18	11/06/25 21:42	1
N-Nitrosodi-n-propylamine	ND		11.6	0.383	ug/L		11/05/25 11:18	11/06/25 21:42	1

Client Sample ID: 824-MW-8
Date Collected: 10/31/25 16:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-4
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		11.6	0.221	ug/L		11/05/25 11:18	11/06/25 21:42	1
Pentachlorophenol	ND		11.6	3.25	ug/L		11/05/25 11:18	11/06/25 21:42	1
Phenanthrene	ND		11.6	0.860	ug/L		11/05/25 11:18	11/06/25 21:42	1
Phenol	ND		11.6	0.790	ug/L		11/05/25 11:18	11/06/25 21:42	1
Pyrene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*10 - 150*	*11/05/25 11:18*	*11/06/25 21:42*	*1*
2-Fluorobiphenyl (Surr)	*101*		*25 - 139*	*11/05/25 11:18*	*11/06/25 21:42*	*1*
2-Fluorophenol (Surr)	*87*		*10 - 150*	*11/05/25 11:18*	*11/06/25 21:42*	*1*
Nitrobenzene-d5 (Surr)	*128*		*22 - 150*	*11/05/25 11:18*	*11/06/25 21:42*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*11/05/25 11:18*	*11/06/25 21:42*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*11/05/25 11:18*	*11/06/25 21:42*	*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		11/05/25 09:04	11/11/25 03:53	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:53	1
Barium	**147**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:53	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:53	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:53	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:53	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:53	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:53	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:53	1
Manganese	**104**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:53	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:53	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:53	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:53	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:53	1
Vanadium	**2.76**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:53	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.388**		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 16:22	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			11/04/25 16:02	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:05	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.726**		0.100	0.0100	mg/L			11/05/25 11:44	1
Nitrate as N (SM Nitrate by calc)	**0.726**		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**12.1**		5.00	1.40	mg/L			11/07/25 12:55	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-1
Date Collected: 10/31/25 10:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-5
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			11/07/25 19:34	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 19:34	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 19:34	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 19:34	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 19:34	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 19:34	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 19:34	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 19:34	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 19:34	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 19:34	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 19:34	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 19:34	1
Chloroform	**1.22**		1.00	0.900	ug/L			11/07/25 19:34	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 19:34	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 19:34	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 19:34	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 19:34	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 19:34	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 19:34	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 19:34	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 19:34	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 19:34	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 19:34	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 19:34	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 19:34	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 19:34	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 19:34	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 19:34	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 19:34	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 19:34	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 19:34	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 19:34	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 19:34	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 19:34	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 19:34	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 19:34	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 19:34	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 19:34	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 19:34	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 19:34	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 19:34	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 19:34	1

Client Sample ID: 824-MW-1
Date Collected: 10/31/25 10:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-5
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			11/07/25 19:34	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 19:34	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 19:34	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 19:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 19:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 19:34	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 19:34	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 19:34	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 19:34	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 19:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 19:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 19:34	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 19:34	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 19:34	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 19:34	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 19:34	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 19:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 19:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 19:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 19:34	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 19:34	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 19:34	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/07/25 19:34*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/07/25 19:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/07/25 19:34*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/07/25 19:34*	*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		11/05/25 15:11	11/06/25 19:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*11/05/25 15:11*	*11/06/25 19:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.6	0.488	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,4,5-Trichlorophenol	ND		11.6	0.627	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,4,6-Trichlorophenol	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,4-Dichlorophenol	ND		11.6	0.662	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,4-Dimethylphenol	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,4-Dinitrophenol	ND		34.8	5.44	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,4-Dinitrotoluene	ND	*+	11.6	0.755	ug/L		11/05/25 11:18	11/06/25 22:15	1
2,6-Dinitrotoluene	ND	*+	11.6	0.337	ug/L		11/05/25 11:18	11/06/25 22:15	1
2-Chloronaphthalene	ND		11.6	0.441	ug/L		11/05/25 11:18	11/06/25 22:15	1
2-Chlorophenol	ND		11.6	0.976	ug/L		11/05/25 11:18	11/06/25 22:15	1
2-Methylnaphthalene	ND		11.6	0.941	ug/L		11/05/25 11:18	11/06/25 22:15	1

Client Sample ID: 824-MW-1
Date Collected: 10/31/25 10:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-5
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		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 22:15	1
2-Nitroaniline	ND	*+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 22:15	1
2-Nitrophenol	ND	*+	11.6	1.36	ug/L		11/05/25 11:18	11/06/25 22:15	1
3 & 4 Methylphenol	ND		23.2	5.34	ug/L		11/05/25 11:18	11/06/25 22:15	1
3,3'-Dichlorobenzidine	ND		12.8	0.476	ug/L		11/05/25 11:18	11/06/25 22:15	1
3-Nitroaniline	ND	*+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 22:15	1
4,6-Dinitro-2-methylphenol	ND	*+	11.6	2.29	ug/L		11/05/25 11:18	11/06/25 22:15	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 22:15	1
4-Chloro-3-methylphenol	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 22:15	1
4-Chloroaniline	ND		11.6	0.674	ug/L		11/05/25 11:18	11/06/25 22:15	1
4-Chlorophenyl phenyl ether	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 22:15	1
4-Nitroaniline	ND	*+	11.6	4.07	ug/L		11/05/25 11:18	11/06/25 22:15	1
4-Nitrophenol	ND		11.6	3.18	ug/L		11/05/25 11:18	11/06/25 22:15	1
Acenaphthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 22:15	1
Acenaphthylene	ND		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 22:15	1
Acetophenone	ND		11.6	3.72	ug/L		11/05/25 11:18	11/06/25 22:15	1
Anthracene	ND		11.6	1.06	ug/L		11/05/25 11:18	11/06/25 22:15	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 22:15	1
Benzaldehyde	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 22:15	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 22:15	1
Benzo[a]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 22:15	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 22:15	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 22:15	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 22:15	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 22:15	1
Bis(2-chloroethoxy)methane	ND		11.6	0.395	ug/L		11/05/25 11:18	11/06/25 22:15	1
Bis(2-chloroethyl)ether	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 22:15	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 22:15	1
Butyl benzyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 22:15	1
Caprolactam	ND		11.6	2.79	ug/L		11/05/25 11:18	11/06/25 22:15	1
Carbazole	ND		11.6	0.372	ug/L		11/05/25 11:18	11/06/25 22:15	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 22:15	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 22:15	1
Dibenzofuran	ND		11.6	0.743	ug/L		11/05/25 11:18	11/06/25 22:15	1
Diethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 22:15	1
Dimethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 22:15	1
Di-n-butyl phthalate	ND		11.6	9.51	ug/L		11/05/25 11:18	11/06/25 22:15	1
Di-n-octyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 22:15	1
Fluoranthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 22:15	1
Fluorene	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 22:15	1
Hexachlorobenzene	ND		11.6	0.290	ug/L		11/05/25 11:18	11/06/25 22:15	1
Hexachlorobutadiene	ND		11.6	0.639	ug/L		11/05/25 11:18	11/06/25 22:15	1
Hexachlorocyclopentadiene	ND		23.2	0.372	ug/L		11/05/25 11:18	11/06/25 22:15	1
Hexachloroethane	ND		11.6	0.616	ug/L		11/05/25 11:18	11/06/25 22:15	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 22:15	1
Isophorone	ND		11.6	0.929	ug/L		11/05/25 11:18	11/06/25 22:15	1
Naphthalene	ND		11.6	0.871	ug/L		11/05/25 11:18	11/06/25 22:15	1
Nitrobenzene	ND		11.6	0.697	ug/L		11/05/25 11:18	11/06/25 22:15	1
N-Nitrosodi-n-propylamine	ND		11.6	0.383	ug/L		11/05/25 11:18	11/06/25 22:15	1

Client Sample ID: 824-MW-1
Date Collected: 10/31/25 10:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-5
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		11.6	0.221	ug/L		11/05/25 11:18	11/06/25 22:15	1
Pentachlorophenol	ND		11.6	3.25	ug/L		11/05/25 11:18	11/06/25 22:15	1
Phenanthrene	ND		11.6	0.860	ug/L		11/05/25 11:18	11/06/25 22:15	1
Phenol	ND		11.6	0.790	ug/L		11/05/25 11:18	11/06/25 22:15	1
Pyrene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*10 - 150*	*11/05/25 11:18*	*11/06/25 22:15*	*1*
2-Fluorobiphenyl (Surr)	*102*		*25 - 139*	*11/05/25 11:18*	*11/06/25 22:15*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 150*	*11/05/25 11:18*	*11/06/25 22:15*	*1*
Nitrobenzene-d5 (Surr)	*131*		*22 - 150*	*11/05/25 11:18*	*11/06/25 22:15*	*1*
Phenol-d5 (Surr)	*90*		*10 - 150*	*11/05/25 11:18*	*11/06/25 22:15*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*11/05/25 11:18*	*11/06/25 22:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:56	1
Arsenic	**1.52**	**J**	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:56	1
Barium	**47.7**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:56	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:56	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:56	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:56	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:56	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:56	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:56	1
Manganese	**20.5**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:56	1
Nickel	**1.18**	**J**	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:56	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:56	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:56	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:56	1
Vanadium	**2.09**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:56	1
Zinc	**46.8**		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.314**		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 16:37	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			11/04/25 16:04	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:06	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.730**		0.100	0.0100	mg/L			11/05/25 11:46	1
Nitrate as N (SM Nitrate by calc)	**0.730**		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**26.6**		5.00	1.40	mg/L			11/07/25 12:55	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-3
Date Collected: 10/31/25 11:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-6
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			11/07/25 20:01	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 20:01	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 20:01	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 20:01	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 20:01	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 20:01	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 20:01	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 20:01	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 20:01	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 20:01	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 20:01	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 20:01	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 20:01	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 20:01	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 20:01	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 20:01	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 20:01	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 20:01	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 20:01	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 20:01	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 20:01	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 20:01	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 20:01	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 20:01	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 20:01	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 20:01	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 20:01	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 20:01	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 20:01	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 20:01	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 20:01	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 20:01	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 20:01	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 20:01	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 20:01	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 20:01	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 20:01	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 20:01	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 20:01	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 20:01	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 20:01	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 20:01	1

Client Sample ID: 824-MW-3
Date Collected: 10/31/25 11:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-6
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			11/07/25 20:01	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 20:01	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 20:01	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 20:01	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 20:01	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 20:01	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 20:01	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 20:01	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 20:01	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 20:01	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 20:01	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 20:01	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 20:01	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 20:01	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 20:01	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 20:01	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 20:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 20:01	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 20:01	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 20:01	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 20:01	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 20:01	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*11/07/25 20:01*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/07/25 20:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*11/07/25 20:01*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/07/25 20:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		11/05/25 15:11	11/06/25 19:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*11/05/25 15:11*	*11/06/25 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.8	0.495	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,4,5-Trichlorophenol	ND		11.8	0.636	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,4,6-Trichlorophenol	ND		11.8	1.28	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,4-Dichlorophenol	ND		11.8	0.671	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,4-Dimethylphenol	ND		11.8	0.283	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,4-Dinitrophenol	ND		35.3	5.51	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,4-Dinitrotoluene	ND	*+	11.8	0.765	ug/L		11/05/25 11:18	11/06/25 22:47	1
2,6-Dinitrotoluene	ND	*+	11.8	0.341	ug/L		11/05/25 11:18	11/06/25 22:47	1
2-Chloronaphthalene	ND		11.8	0.447	ug/L		11/05/25 11:18	11/06/25 22:47	1
2-Chlorophenol	ND		11.8	0.989	ug/L		11/05/25 11:18	11/06/25 22:47	1
2-Methylnaphthalene	ND		11.8	0.954	ug/L		11/05/25 11:18	11/06/25 22:47	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-3
Date Collected: 10/31/25 11:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-6
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		11.8	0.895	ug/L		11/05/25 11:18	11/06/25 22:47	1
2-Nitroaniline	ND	*+	11.8	1.61	ug/L		11/05/25 11:18	11/06/25 22:47	1
2-Nitrophenol	ND	*+	11.8	1.38	ug/L		11/05/25 11:18	11/06/25 22:47	1
3 & 4 Methylphenol	ND		23.5	5.42	ug/L		11/05/25 11:18	11/06/25 22:47	1
3,3'-Dichlorobenzidine	ND		13.0	0.483	ug/L		11/05/25 11:18	11/06/25 22:47	1
3-Nitroaniline	ND	*+	11.8	1.12	ug/L		11/05/25 11:18	11/06/25 22:47	1
4,6-Dinitro-2-methylphenol	ND	*+	11.8	2.32	ug/L		11/05/25 11:18	11/06/25 22:47	1
4-Bromophenyl phenyl ether	ND		11.8	0.153	ug/L		11/05/25 11:18	11/06/25 22:47	1
4-Chloro-3-methylphenol	ND		11.8	0.860	ug/L		11/05/25 11:18	11/06/25 22:47	1
4-Chloroaniline	ND		11.8	0.683	ug/L		11/05/25 11:18	11/06/25 22:47	1
4-Chlorophenyl phenyl ether	ND		11.8	0.283	ug/L		11/05/25 11:18	11/06/25 22:47	1
4-Nitroaniline	ND	*+	11.8	4.12	ug/L		11/05/25 11:18	11/06/25 22:47	1
4-Nitrophenol	ND		11.8	3.23	ug/L		11/05/25 11:18	11/06/25 22:47	1
Acenaphthene	ND		11.8	0.742	ug/L		11/05/25 11:18	11/06/25 22:47	1
Acenaphthylene	ND		11.8	0.895	ug/L		11/05/25 11:18	11/06/25 22:47	1
Acetophenone	ND		11.8	3.77	ug/L		11/05/25 11:18	11/06/25 22:47	1
Anthracene	ND		11.8	1.07	ug/L		11/05/25 11:18	11/06/25 22:47	1
Atrazine	ND		11.8	1.33	ug/L		11/05/25 11:18	11/06/25 22:47	1
Benzaldehyde	ND		11.8	0.789	ug/L		11/05/25 11:18	11/06/25 22:47	1
Benzo[a]anthracene	ND		11.8	1.18	ug/L		11/05/25 11:18	11/06/25 22:47	1
Benzo[a]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 22:47	1
Benzo[b]fluoranthene	ND		11.8	1.41	ug/L		11/05/25 11:18	11/06/25 22:47	1
Benzo[g,h,i]perylene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 22:47	1
Benzo[k]fluoranthene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 22:47	1
bis (2-chloroisopropyl) ether	ND		11.8	1.10	ug/L		11/05/25 11:18	11/06/25 22:47	1
Bis(2-chloroethoxy)methane	ND		11.8	0.400	ug/L		11/05/25 11:18	11/06/25 22:47	1
Bis(2-chloroethyl)ether	ND		11.8	0.860	ug/L		11/05/25 11:18	11/06/25 22:47	1
Bis(2-ethylhexyl) phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 22:47	1
Butyl benzyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 22:47	1
Caprolactam	ND		11.8	2.83	ug/L		11/05/25 11:18	11/06/25 22:47	1
Carbazole	ND		11.8	0.377	ug/L		11/05/25 11:18	11/06/25 22:47	1
Chrysene	ND		11.8	1.41	ug/L		11/05/25 11:18	11/06/25 22:47	1
Dibenz(a,h)anthracene	ND		11.8	1.53	ug/L		11/05/25 11:18	11/06/25 22:47	1
Dibenzofuran	ND		11.8	0.754	ug/L		11/05/25 11:18	11/06/25 22:47	1
Diethyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 22:47	1
Dimethyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 22:47	1
Di-n-butyl phthalate	ND		11.8	9.64	ug/L		11/05/25 11:18	11/06/25 22:47	1
Di-n-octyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 22:47	1
Fluoranthene	ND		11.8	0.742	ug/L		11/05/25 11:18	11/06/25 22:47	1
Fluorene	ND		11.8	0.789	ug/L		11/05/25 11:18	11/06/25 22:47	1
Hexachlorobenzene	ND		11.8	0.294	ug/L		11/05/25 11:18	11/06/25 22:47	1
Hexachlorobutadiene	ND		11.8	0.648	ug/L		11/05/25 11:18	11/06/25 22:47	1
Hexachlorocyclopentadiene	ND		23.5	0.377	ug/L		11/05/25 11:18	11/06/25 22:47	1
Hexachloroethane	ND		11.8	0.624	ug/L		11/05/25 11:18	11/06/25 22:47	1
Indeno[1,2,3-cd]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 22:47	1
Isophorone	ND		11.8	0.942	ug/L		11/05/25 11:18	11/06/25 22:47	1
Naphthalene	ND		11.8	0.883	ug/L		11/05/25 11:18	11/06/25 22:47	1
Nitrobenzene	ND		11.8	0.706	ug/L		11/05/25 11:18	11/06/25 22:47	1
N-Nitrosodi-n-propylamine	ND		11.8	0.389	ug/L		11/05/25 11:18	11/06/25 22:47	1

Client Sample ID: 824-MW-3
Date Collected: 10/31/25 11:55
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-6
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		11.8	0.224	ug/L		11/05/25 11:18	11/06/25 22:47	1
Pentachlorophenol	ND		11.8	3.30	ug/L		11/05/25 11:18	11/06/25 22:47	1
Phenanthrene	ND		11.8	0.871	ug/L		11/05/25 11:18	11/06/25 22:47	1
Phenol	ND		11.8	0.801	ug/L		11/05/25 11:18	11/06/25 22:47	1
Pyrene	ND		11.8	0.742	ug/L		11/05/25 11:18	11/06/25 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*10 - 150*	*11/05/25 11:18*	*11/06/25 22:47*	*1*
2-Fluorobiphenyl (Surr)	*99*		*25 - 139*	*11/05/25 11:18*	*11/06/25 22:47*	*1*
2-Fluorophenol (Surr)	*87*		*10 - 150*	*11/05/25 11:18*	*11/06/25 22:47*	*1*
Nitrobenzene-d5 (Surr)	*130*		*22 - 150*	*11/05/25 11:18*	*11/06/25 22:47*	*1*
Phenol-d5 (Surr)	*86*		*10 - 150*	*11/05/25 11:18*	*11/06/25 22:47*	*1*
Terphenyl-d14 (Surr)	*59*		*28 - 150*	*11/05/25 11:18*	*11/06/25 22:47*	*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		11/05/25 09:04	11/11/25 04:32	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 04:32	1
Barium	**69.9**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 04:32	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 04:32	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 04:32	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 04:32	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 04:32	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 04:32	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 04:32	1
Manganese	**4.03**	**J**	5.00	1.29	ug/L		11/05/25 09:04	11/11/25 04:32	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 04:32	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 04:32	1
Silver	**0.171**	**J B**	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 04:32	1
Thallium	**0.231**	**J**	1.00	0.190	ug/L		11/05/25 09:04	11/11/25 04:32	1
Vanadium	**1.73**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 04:32	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 04:32	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		11/11/25 11:25	11/11/25 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND	F1	0.250	0.100	mg/L			11/05/25 10:17	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:07	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.04**		0.100	0.0100	mg/L			11/05/25 11:48	1
Nitrate as N (SM Nitrate by calc)	**1.04**		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**24.9**		5.00	1.40	mg/L			11/07/25 12:56	1

Client: S&ME Inc
Job ID: 752-38798-1
Project/Site: Walltown Park

Client Sample ID: 824-MW-2
Lab Sample ID: 752-38798-7
Date Collected: 10/31/25 14:05
Matrix: Water
Date Received: 11/03/25 14:15

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			11/07/25 20:28	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 20:28	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 20:28	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 20:28	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 20:28	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 20:28	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 20:28	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 20:28	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 20:28	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 20:28	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 20:28	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 20:28	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 20:28	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 20:28	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 20:28	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 20:28	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 20:28	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 20:28	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 20:28	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 20:28	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 20:28	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 20:28	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 20:28	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 20:28	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 20:28	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 20:28	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 20:28	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 20:28	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 20:28	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 20:28	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 20:28	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 20:28	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 20:28	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 20:28	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 20:28	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 20:28	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 20:28	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 20:28	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 20:28	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 20:28	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 20:28	1

Client Sample ID: 824-MW-2
Date Collected: 10/31/25 14:05
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-7
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			11/07/25 20:28	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 20:28	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 20:28	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 20:28	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 20:28	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 20:28	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 20:28	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 20:28	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 20:28	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 20:28	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 20:28	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 20:28	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 20:28	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 20:28	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 20:28	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 20:28	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 20:28	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 20:28	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 20:28	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 20:28	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 20:28	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/07/25 20:28*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/07/25 20:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/07/25 20:28*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/07/25 20:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.296	0.296	ug/L		11/05/25 15:18	11/07/25 18:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/05/25 15:18*	*11/07/25 18:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.5	0.485	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,4,5-Trichlorophenol	ND		11.5	0.623	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,4,6-Trichlorophenol	ND		11.5	1.26	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,4-Dichlorophenol	ND		11.5	0.658	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,4-Dimethylphenol	ND		11.5	0.277	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,4-Dinitrophenol	ND		34.6	5.40	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,4-Dinitrotoluene	ND	*+	11.5	0.750	ug/L		11/05/25 11:18	11/06/25 23:20	1
2,6-Dinitrotoluene	ND	*+	11.5	0.335	ug/L		11/05/25 11:18	11/06/25 23:20	1
2-Chloronaphthalene	ND		11.5	0.438	ug/L		11/05/25 11:18	11/06/25 23:20	1
2-Chlorophenol	ND		11.5	0.969	ug/L		11/05/25 11:18	11/06/25 23:20	1
2-Methylnaphthalene	ND		11.5	0.935	ug/L		11/05/25 11:18	11/06/25 23:20	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-2
Date Collected: 10/31/25 14:05
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.5	0.877	ug/L		11/05/25 11:18	11/06/25 23:20	1
2-Nitroaniline	ND	*+	11.5	1.58	ug/L		11/05/25 11:18	11/06/25 23:20	1
2-Nitrophenol	ND	*+	11.5	1.35	ug/L		11/05/25 11:18	11/06/25 23:20	1
3 & 4 Methylphenol	ND		23.1	5.31	ug/L		11/05/25 11:18	11/06/25 23:20	1
3,3'-Dichlorobenzidine	ND		12.7	0.473	ug/L		11/05/25 11:18	11/06/25 23:20	1
3-Nitroaniline	ND	*+	11.5	1.10	ug/L		11/05/25 11:18	11/06/25 23:20	1
4,6-Dinitro-2-methylphenol	ND	*+	11.5	2.27	ug/L		11/05/25 11:18	11/06/25 23:20	1
4-Bromophenyl phenyl ether	ND		11.5	0.150	ug/L		11/05/25 11:18	11/06/25 23:20	1
4-Chloro-3-methylphenol	ND		11.5	0.842	ug/L		11/05/25 11:18	11/06/25 23:20	1
4-Chloroaniline	ND		11.5	0.669	ug/L		11/05/25 11:18	11/06/25 23:20	1
4-Chlorophenyl phenyl ether	ND		11.5	0.277	ug/L		11/05/25 11:18	11/06/25 23:20	1
4-Nitroaniline	ND	*+	11.5	4.04	ug/L		11/05/25 11:18	11/06/25 23:20	1
4-Nitrophenol	ND		11.5	3.16	ug/L		11/05/25 11:18	11/06/25 23:20	1
Acenaphthene	ND		11.5	0.727	ug/L		11/05/25 11:18	11/06/25 23:20	1
Acenaphthylene	ND		11.5	0.877	ug/L		11/05/25 11:18	11/06/25 23:20	1
Acetophenone	ND		11.5	3.69	ug/L		11/05/25 11:18	11/06/25 23:20	1
Anthracene	ND		11.5	1.05	ug/L		11/05/25 11:18	11/06/25 23:20	1
Atrazine	ND		11.5	1.30	ug/L		11/05/25 11:18	11/06/25 23:20	1
Benzaldehyde	ND		11.5	0.773	ug/L		11/05/25 11:18	11/06/25 23:20	1
Benzo[a]anthracene	ND		11.5	1.15	ug/L		11/05/25 11:18	11/06/25 23:20	1
Benzo[a]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/06/25 23:20	1
Benzo[b]fluoranthene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/06/25 23:20	1
Benzo[g,h,i]perylene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/06/25 23:20	1
Benzo[k]fluoranthene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/06/25 23:20	1
bis (2-chloroisopropyl) ether	ND		11.5	1.07	ug/L		11/05/25 11:18	11/06/25 23:20	1
Bis(2-chloroethoxy)methane	ND		11.5	0.392	ug/L		11/05/25 11:18	11/06/25 23:20	1
Bis(2-chloroethyl)ether	ND		11.5	0.842	ug/L		11/05/25 11:18	11/06/25 23:20	1
Bis(2-ethylhexyl) phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/06/25 23:20	1
Butyl benzyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/06/25 23:20	1
Caprolactam	ND		11.5	2.77	ug/L		11/05/25 11:18	11/06/25 23:20	1
Carbazole	ND		11.5	0.369	ug/L		11/05/25 11:18	11/06/25 23:20	1
Chrysene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/06/25 23:20	1
Dibenz(a,h)anthracene	ND		11.5	1.50	ug/L		11/05/25 11:18	11/06/25 23:20	1
Dibenzofuran	ND		11.5	0.738	ug/L		11/05/25 11:18	11/06/25 23:20	1
Diethyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/06/25 23:20	1
Dimethyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/06/25 23:20	1
Di-n-butyl phthalate	ND		11.5	9.45	ug/L		11/05/25 11:18	11/06/25 23:20	1
Di-n-octyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/06/25 23:20	1
Fluoranthene	ND		11.5	0.727	ug/L		11/05/25 11:18	11/06/25 23:20	1
Fluorene	ND		11.5	0.773	ug/L		11/05/25 11:18	11/06/25 23:20	1
Hexachlorobenzene	ND		11.5	0.288	ug/L		11/05/25 11:18	11/06/25 23:20	1
Hexachlorobutadiene	ND		11.5	0.635	ug/L		11/05/25 11:18	11/06/25 23:20	1
Hexachlorocyclopentadiene	ND		23.1	0.369	ug/L		11/05/25 11:18	11/06/25 23:20	1
Hexachloroethane	ND		11.5	0.612	ug/L		11/05/25 11:18	11/06/25 23:20	1
Indeno[1,2,3-cd]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/06/25 23:20	1
Isophorone	ND		11.5	0.923	ug/L		11/05/25 11:18	11/06/25 23:20	1
Naphthalene	ND		11.5	0.865	ug/L		11/05/25 11:18	11/06/25 23:20	1
Nitrobenzene	ND		11.5	0.692	ug/L		11/05/25 11:18	11/06/25 23:20	1
N-Nitrosodi-n-propylamine	ND		11.5	0.381	ug/L		11/05/25 11:18	11/06/25 23:20	1

Client Sample ID: 824-MW-2
Date Collected: 10/31/25 14:05
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-7
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		11.5	0.219	ug/L		11/05/25 11:18	11/06/25 23:20	1
Pentachlorophenol	ND		11.5	3.23	ug/L		11/05/25 11:18	11/06/25 23:20	1
Phenanthrene	ND		11.5	0.854	ug/L		11/05/25 11:18	11/06/25 23:20	1
Phenol	ND		11.5	0.785	ug/L		11/05/25 11:18	11/06/25 23:20	1
Pyrene	ND		11.5	0.727	ug/L		11/05/25 11:18	11/06/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*10 - 150*	*11/05/25 11:18*	*11/06/25 23:20*	*1*
2-Fluorobiphenyl (Surr)	*105*		*25 - 139*	*11/05/25 11:18*	*11/06/25 23:20*	*1*
2-Fluorophenol (Surr)	*87*		*10 - 150*	*11/05/25 11:18*	*11/06/25 23:20*	*1*
Nitrobenzene-d5 (Surr)	*140*		*22 - 150*	*11/05/25 11:18*	*11/06/25 23:20*	*1*
Phenol-d5 (Surr)	*85*		*10 - 150*	*11/05/25 11:18*	*11/06/25 23:20*	*1*
Terphenyl-d14 (Surr)	*61*		*28 - 150*	*11/05/25 11:18*	*11/06/25 23:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 04:35	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 04:35	1
Barium	**112**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 04:35	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 04:35	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 04:35	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 04:35	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 04:35	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 04:35	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 04:35	1
Manganese	**155**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 04:35	1
Nickel	**1.49**	**J**	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 04:35	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 04:35	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 04:35	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 04:35	1
Vanadium	**3.25**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 04:35	1
Zinc	**11.6**		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 04:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 16:45	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			11/05/25 10:25	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:08	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.738**		0.100	0.0100	mg/L			11/05/25 11:53	1
Nitrate as N (SM Nitrate by calc)	**0.738**		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**26.0**		5.00	1.40	mg/L			11/07/25 12:56	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-4
Date Collected: 10/31/25 15:30
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/07/25 20:55	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 20:55	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 20:55	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 20:55	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 20:55	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 20:55	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 20:55	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 20:55	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 20:55	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 20:55	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 20:55	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 20:55	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 20:55	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 20:55	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 20:55	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 20:55	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 20:55	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 20:55	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 20:55	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 20:55	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 20:55	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 20:55	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 20:55	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 20:55	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 20:55	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 20:55	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 20:55	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 20:55	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 20:55	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 20:55	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 20:55	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 20:55	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 20:55	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 20:55	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 20:55	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 20:55	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 20:55	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 20:55	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 20:55	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 20:55	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 20:55	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 20:55	1

Client Sample ID: 824-MW-4
Date Collected: 10/31/25 15:30
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/07/25 20:55	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 20:55	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 20:55	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 20:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 20:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 20:55	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 20:55	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 20:55	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 20:55	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 20:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 20:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 20:55	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 20:55	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 20:55	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 20:55	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 20:55	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 20:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 20:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 20:55	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 20:55	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 20:55	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/07/25 20:55*	*1*
Dibromofluoromethane	*109*		*79 - 130*		*11/07/25 20:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*		*11/07/25 20:55*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/07/25 20:55*	*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		0.290	0.290	ug/L		11/05/25 15:18	11/07/25 19:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*11/05/25 15:18*	*11/07/25 19:10*	*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		11.6	0.486	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,4,5-Trichlorophenol	ND		11.6	0.625	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,4,6-Trichlorophenol	ND		11.6	1.26	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,4-Dichlorophenol	ND		11.6	0.660	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,4-Dimethylphenol	ND		11.6	0.278	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,4-Dinitrophenol	ND		34.7	5.42	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,4-Dinitrotoluene	ND	*+	11.6	0.753	ug/L		11/05/25 11:18	11/07/25 17:08	1
2,6-Dinitrotoluene	ND	*+	11.6	0.336	ug/L		11/05/25 11:18	11/07/25 17:08	1
2-Chloronaphthalene	ND		11.6	0.440	ug/L		11/05/25 11:18	11/07/25 17:08	1
2-Chlorophenol	ND		11.6	0.972	ug/L		11/05/25 11:18	11/07/25 17:08	1
2-Methylnaphthalene	ND		11.6	0.938	ug/L		11/05/25 11:18	11/07/25 17:08	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-4
Date Collected: 10/31/25 15:30
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-8
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		11.6	0.880	ug/L		11/05/25 11:18	11/07/25 17:08	1
2-Nitroaniline	ND	*+	11.6	1.59	ug/L		11/05/25 11:18	11/07/25 17:08	1
2-Nitrophenol	ND	*+	11.6	1.35	ug/L		11/05/25 11:18	11/07/25 17:08	1
3 & 4 Methylphenol	ND		23.2	5.33	ug/L		11/05/25 11:18	11/07/25 17:08	1
3,3'-Dichlorobenzidine	ND		12.7	0.475	ug/L		11/05/25 11:18	11/07/25 17:08	1
3-Nitroaniline	ND	*+	11.6	1.10	ug/L		11/05/25 11:18	11/07/25 17:08	1
4,6-Dinitro-2-methylphenol	ND	*+	11.6	2.28	ug/L		11/05/25 11:18	11/07/25 17:08	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/07/25 17:08	1
4-Chloro-3-methylphenol	ND		11.6	0.845	ug/L		11/05/25 11:18	11/07/25 17:08	1
4-Chloroaniline	ND		11.6	0.671	ug/L		11/05/25 11:18	11/07/25 17:08	1
4-Chlorophenyl phenyl ether	ND		11.6	0.278	ug/L		11/05/25 11:18	11/07/25 17:08	1
4-Nitroaniline	ND	*+	11.6	4.05	ug/L		11/05/25 11:18	11/07/25 17:08	1
4-Nitrophenol	ND		11.6	3.17	ug/L		11/05/25 11:18	11/07/25 17:08	1
Acenaphthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/07/25 17:08	1
Acenaphthylene	ND		11.6	0.880	ug/L		11/05/25 11:18	11/07/25 17:08	1
Acetophenone	ND		11.6	3.70	ug/L		11/05/25 11:18	11/07/25 17:08	1
Anthracene	ND		11.6	1.05	ug/L		11/05/25 11:18	11/07/25 17:08	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/07/25 17:08	1
Benzaldehyde	ND		11.6	0.776	ug/L		11/05/25 11:18	11/07/25 17:08	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/07/25 17:08	1
Benzo[a]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/07/25 17:08	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/07/25 17:08	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/07/25 17:08	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/07/25 17:08	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/07/25 17:08	1
Bis(2-chloroethoxy)methane	ND		11.6	0.394	ug/L		11/05/25 11:18	11/07/25 17:08	1
Bis(2-chloroethyl)ether	ND		11.6	0.845	ug/L		11/05/25 11:18	11/07/25 17:08	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/07/25 17:08	1
Butyl benzyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/07/25 17:08	1
Caprolactam	ND		11.6	2.78	ug/L		11/05/25 11:18	11/07/25 17:08	1
Carbazole	ND		11.6	0.370	ug/L		11/05/25 11:18	11/07/25 17:08	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/07/25 17:08	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/07/25 17:08	1
Dibenzofuran	ND		11.6	0.741	ug/L		11/05/25 11:18	11/07/25 17:08	1
Diethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/07/25 17:08	1
Dimethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/07/25 17:08	1
Di-n-butyl phthalate	ND		11.6	9.48	ug/L		11/05/25 11:18	11/07/25 17:08	1
Di-n-octyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/07/25 17:08	1
Fluoranthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/07/25 17:08	1
Fluorene	ND		11.6	0.776	ug/L		11/05/25 11:18	11/07/25 17:08	1
Hexachlorobenzene	ND		11.6	0.289	ug/L		11/05/25 11:18	11/07/25 17:08	1
Hexachlorobutadiene	ND		11.6	0.637	ug/L		11/05/25 11:18	11/07/25 17:08	1
Hexachlorocyclopentadiene	ND		23.2	0.370	ug/L		11/05/25 11:18	11/07/25 17:08	1
Hexachloroethane	ND		11.6	0.614	ug/L		11/05/25 11:18	11/07/25 17:08	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/07/25 17:08	1
Isophorone	ND		11.6	0.926	ug/L		11/05/25 11:18	11/07/25 17:08	1
Naphthalene	ND		11.6	0.868	ug/L		11/05/25 11:18	11/07/25 17:08	1
Nitrobenzene	ND		11.6	0.695	ug/L		11/05/25 11:18	11/07/25 17:08	1
N-Nitrosodi-n-propylamine	ND		11.6	0.382	ug/L		11/05/25 11:18	11/07/25 17:08	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-4

Date Collected: 10/31/25 15:30
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-8

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		11.6	0.220	ug/L		11/05/25 11:18	11/07/25 17:08	1
Pentachlorophenol	ND		11.6	3.24	ug/L		11/05/25 11:18	11/07/25 17:08	1
Phenanthrene	ND		11.6	0.857	ug/L		11/05/25 11:18	11/07/25 17:08	1
Phenol	ND		11.6	0.787	ug/L		11/05/25 11:18	11/07/25 17:08	1
Pyrene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/07/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*118*		*10 - 150*	*11/05/25 11:18*	*11/07/25 17:08*	*1*
2-Fluorobiphenyl (Surr)	*96*		*25 - 139*	*11/05/25 11:18*	*11/07/25 17:08*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 150*	*11/05/25 11:18*	*11/07/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*121*		*22 - 150*	*11/05/25 11:18*	*11/07/25 17:08*	*1*
Phenol-d5 (Surr)	*80*		*10 - 150*	*11/05/25 11:18*	*11/07/25 17:08*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*11/05/25 11:18*	*11/07/25 17:08*	*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		11/05/25 09:04	11/11/25 04:38	1
Arsenic	**1.33**	**J**	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 04:38	1
Barium	**586**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 04:38	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 04:38	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 04:38	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 04:38	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 04:38	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 04:38	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 04:38	1
Manganese	**227**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 04:38	1
Nickel	**1.37**	**J**	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 04:38	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 04:38	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 04:38	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 04:38	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 04:38	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 04:38	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		11/11/25 11:25	11/11/25 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/05/25 10:28	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:08	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/05/25 11:55	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**20.3**		5.00	1.40	mg/L			11/07/25 12:57	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-9
Date Collected: 10/31/25 16:30
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-9
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			11/07/25 21:22	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 21:22	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 21:22	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 21:22	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 21:22	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 21:22	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 21:22	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 21:22	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 21:22	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 21:22	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 21:22	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 21:22	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 21:22	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 21:22	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 21:22	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 21:22	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 21:22	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 21:22	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 21:22	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 21:22	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 21:22	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 21:22	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 21:22	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 21:22	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 21:22	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 21:22	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 21:22	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 21:22	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 21:22	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 21:22	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 21:22	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 21:22	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 21:22	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 21:22	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 21:22	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 21:22	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 21:22	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 21:22	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 21:22	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 21:22	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 21:22	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 21:22	1

Client Sample ID: 824-MW-9
Date Collected: 10/31/25 16:30
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-9
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			11/07/25 21:22	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 21:22	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 21:22	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 21:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 21:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 21:22	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 21:22	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 21:22	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 21:22	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 21:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 21:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 21:22	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 21:22	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 21:22	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 21:22	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 21:22	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 21:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 21:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 21:22	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 21:22	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 21:22	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*56 - 136*		*11/07/25 21:22*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*11/07/25 21:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*59 - 146*		*11/07/25 21:22*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/07/25 21:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.287	0.287	ug/L		11/05/25 15:18	11/07/25 19:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*11/05/25 15:18*	*11/07/25 19:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.5	0.483	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,4,5-Trichlorophenol	ND		11.5	0.621	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,4,6-Trichlorophenol	ND		11.5	1.25	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,4-Dichlorophenol	ND		11.5	0.656	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,4-Dimethylphenol	ND		11.5	0.276	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,4-Dinitrophenol	ND		34.5	5.38	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,4-Dinitrotoluene	ND	*+	11.5	0.748	ug/L		11/05/25 11:18	11/07/25 17:42	1
2,6-Dinitrotoluene	ND	*+	11.5	0.334	ug/L		11/05/25 11:18	11/07/25 17:42	1
2-Chloronaphthalene	ND		11.5	0.437	ug/L		11/05/25 11:18	11/07/25 17:42	1
2-Chlorophenol	ND		11.5	0.966	ug/L		11/05/25 11:18	11/07/25 17:42	1
2-Methylnaphthalene	ND		11.5	0.932	ug/L		11/05/25 11:18	11/07/25 17:42	1

Client Sample ID: 824-MW-9
Lab Sample ID: 752-38798-9
Date Collected: 10/31/25 16:30
Matrix: Water
Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.5	0.874	ug/L		11/05/25 11:18	11/07/25 17:42	1
2-Nitroaniline	ND	*+	11.5	1.58	ug/L		11/05/25 11:18	11/07/25 17:42	1
2-Nitrophenol	ND	*+	11.5	1.35	ug/L		11/05/25 11:18	11/07/25 17:42	1
3 & 4 Methylphenol	ND		23.0	5.29	ug/L		11/05/25 11:18	11/07/25 17:42	1
3,3'-Dichlorobenzidine	ND		12.7	0.472	ug/L		11/05/25 11:18	11/07/25 17:42	1
3-Nitroaniline	ND	*+	11.5	1.09	ug/L		11/05/25 11:18	11/07/25 17:42	1
4,6-Dinitro-2-methylphenol	ND	*+	11.5	2.27	ug/L		11/05/25 11:18	11/07/25 17:42	1
4-Bromophenyl phenyl ether	ND		11.5	0.150	ug/L		11/05/25 11:18	11/07/25 17:42	1
4-Chloro-3-methylphenol	ND		11.5	0.840	ug/L		11/05/25 11:18	11/07/25 17:42	1
4-Chloroaniline	ND		11.5	0.667	ug/L		11/05/25 11:18	11/07/25 17:42	1
4-Chlorophenyl phenyl ether	ND		11.5	0.276	ug/L		11/05/25 11:18	11/07/25 17:42	1
4-Nitroaniline	ND	*+	11.5	4.03	ug/L		11/05/25 11:18	11/07/25 17:42	1
4-Nitrophenol	ND		11.5	3.15	ug/L		11/05/25 11:18	11/07/25 17:42	1
Acenaphthene	ND		11.5	0.725	ug/L		11/05/25 11:18	11/07/25 17:42	1
Acenaphthylene	ND		11.5	0.874	ug/L		11/05/25 11:18	11/07/25 17:42	1
Acetophenone	ND		11.5	3.68	ug/L		11/05/25 11:18	11/07/25 17:42	1
Anthracene	ND		11.5	1.05	ug/L		11/05/25 11:18	11/07/25 17:42	1
Atrazine	ND		11.5	1.30	ug/L		11/05/25 11:18	11/07/25 17:42	1
Benzaldehyde	ND		11.5	0.771	ug/L		11/05/25 11:18	11/07/25 17:42	1
Benzo[a]anthracene	ND		11.5	1.15	ug/L		11/05/25 11:18	11/07/25 17:42	1
Benzo[a]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/07/25 17:42	1
Benzo[b]fluoranthene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/07/25 17:42	1
Benzo[g,h,i]perylene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/07/25 17:42	1
Benzo[k]fluoranthene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/07/25 17:42	1
bis (2-chloroisopropyl) ether	ND		11.5	1.07	ug/L		11/05/25 11:18	11/07/25 17:42	1
Bis(2-chloroethoxy)methane	ND		11.5	0.391	ug/L		11/05/25 11:18	11/07/25 17:42	1
Bis(2-chloroethyl)ether	ND		11.5	0.840	ug/L		11/05/25 11:18	11/07/25 17:42	1
Bis(2-ethylhexyl) phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/07/25 17:42	1
Butyl benzyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/07/25 17:42	1
Caprolactam	**2.80**	**J**	11.5	2.76	ug/L		11/05/25 11:18	11/07/25 17:42	1
Carbazole	ND		11.5	0.368	ug/L		11/05/25 11:18	11/07/25 17:42	1
Chrysene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/07/25 17:42	1
Dibenz(a,h)anthracene	ND		11.5	1.50	ug/L		11/05/25 11:18	11/07/25 17:42	1
Dibenzofuran	ND		11.5	0.736	ug/L		11/05/25 11:18	11/07/25 17:42	1
Diethyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/07/25 17:42	1
Dimethyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/07/25 17:42	1
Di-n-butyl phthalate	ND		11.5	9.42	ug/L		11/05/25 11:18	11/07/25 17:42	1
Di-n-octyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/07/25 17:42	1
Fluoranthene	ND		11.5	0.725	ug/L		11/05/25 11:18	11/07/25 17:42	1
Fluorene	ND		11.5	0.771	ug/L		11/05/25 11:18	11/07/25 17:42	1
Hexachlorobenzene	ND		11.5	0.288	ug/L		11/05/25 11:18	11/07/25 17:42	1
Hexachlorobutadiene	ND		11.5	0.633	ug/L		11/05/25 11:18	11/07/25 17:42	1
Hexachlorocyclopentadiene	ND		23.0	0.368	ug/L		11/05/25 11:18	11/07/25 17:42	1
Hexachloroethane	ND		11.5	0.610	ug/L		11/05/25 11:18	11/07/25 17:42	1
Indeno[1,2,3-cd]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/07/25 17:42	1
Isophorone	ND		11.5	0.920	ug/L		11/05/25 11:18	11/07/25 17:42	1
Naphthalene	ND		11.5	0.863	ug/L		11/05/25 11:18	11/07/25 17:42	1
Nitrobenzene	ND		11.5	0.690	ug/L		11/05/25 11:18	11/07/25 17:42	1
N-Nitrosodi-n-propylamine	ND		11.5	0.380	ug/L		11/05/25 11:18	11/07/25 17:42	1

Client Sample ID: 824-MW-9
Lab Sample ID: 752-38798-9
Date Collected: 10/31/25 16:30
Matrix: Water
Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.5	0.219	ug/L		11/05/25 11:18	11/07/25 17:42	1
Pentachlorophenol	ND		11.5	3.22	ug/L		11/05/25 11:18	11/07/25 17:42	1
Phenanthrene	ND		11.5	0.851	ug/L		11/05/25 11:18	11/07/25 17:42	1
Phenol	ND		11.5	0.782	ug/L		11/05/25 11:18	11/07/25 17:42	1
Pyrene	ND		11.5	0.725	ug/L		11/05/25 11:18	11/07/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*10 - 150*	*11/05/25 11:18*	*11/07/25 17:42*	*1*
2-Fluorobiphenyl (Surr)	*101*		*25 - 139*	*11/05/25 11:18*	*11/07/25 17:42*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*11/05/25 11:18*	*11/07/25 17:42*	*1*
Nitrobenzene-d5 (Surr)	*129*		*22 - 150*	*11/05/25 11:18*	*11/07/25 17:42*	*1*
Phenol-d5 (Surr)	*79*		*10 - 150*	*11/05/25 11:18*	*11/07/25 17:42*	*1*
Terphenyl-d14 (Surr)	*60*		*28 - 150*	*11/05/25 11:18*	*11/07/25 17:42*	*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		11/05/25 09:04	11/11/25 04:40	1
Arsenic	**1.75**	**J**	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 04:40	1
Barium	**193**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 04:40	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 04:40	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 04:40	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 04:40	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 04:40	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 04:40	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 04:40	1
Manganese	**293**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 04:40	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 04:40	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 04:40	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 04:40	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 04:40	1
Vanadium	**2.72**	**J**	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 04:40	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 04:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.569**		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 16:53	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			11/05/25 10:31	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:09	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0200**	**J**	0.100	0.0100	mg/L			11/05/25 11:57	1
Nitrate as N (SM Nitrate by calc)	**0.0200**	**J**	0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**10.8**		5.00	1.40	mg/L			11/07/25 12:57	1

Client: S&ME Inc
Job ID: 752-38798-1
Project/Site: Walltown Park

Client Sample ID: 824-MW-Dup-1
Lab Sample ID: 752-38798-10
Date Collected: 10/31/25 00:00
Matrix: Water
Date Received: 11/03/25 14:15

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			11/07/25 21:49	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 21:49	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 21:49	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 21:49	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 21:49	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 21:49	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 21:49	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 21:49	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 21:49	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 21:49	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 21:49	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 21:49	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 21:49	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 21:49	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 21:49	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 21:49	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 21:49	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 21:49	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 21:49	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 21:49	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 21:49	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 21:49	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 21:49	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 21:49	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 21:49	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 21:49	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 21:49	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 21:49	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 21:49	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 21:49	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 21:49	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 21:49	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 21:49	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 21:49	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 21:49	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 21:49	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 21:49	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 21:49	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 21:49	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 21:49	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 21:49	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 21:49	1

Client Sample ID: 824-MW-Dup-1
Date Collected: 10/31/25 00:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-10
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			11/07/25 21:49	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 21:49	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 21:49	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 21:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 21:49	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 21:49	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 21:49	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 21:49	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 21:49	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 21:49	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 21:49	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 21:49	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 21:49	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 21:49	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 21:49	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 21:49	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 21:49	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 21:49	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 21:49	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 21:49	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 21:49	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*11/07/25 21:49*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*11/07/25 21:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/07/25 21:49*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/07/25 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	ND		0.302	0.302	ug/L		11/05/25 15:18	11/07/25 19:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*21*		*10 - 140*	*11/05/25 15:18*	*11/07/25 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.5	0.485	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,4,5-Trichlorophenol	ND		11.5	0.623	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,4,6-Trichlorophenol	ND		11.5	1.26	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,4-Dichlorophenol	ND		11.5	0.658	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,4-Dimethylphenol	ND		11.5	0.277	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,4-Dinitrophenol	ND		34.6	5.40	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,4-Dinitrotoluene	ND	*+	11.5	0.750	ug/L		11/05/25 11:18	11/07/25 18:17	1
2,6-Dinitrotoluene	ND	*+	11.5	0.335	ug/L		11/05/25 11:18	11/07/25 18:17	1
2-Chloronaphthalene	ND		11.5	0.438	ug/L		11/05/25 11:18	11/07/25 18:17	1
2-Chlorophenol	ND		11.5	0.969	ug/L		11/05/25 11:18	11/07/25 18:17	1
2-Methylnaphthalene	ND		11.5	0.935	ug/L		11/05/25 11:18	11/07/25 18:17	1

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-Dup-1
Date Collected: 10/31/25 00:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-10
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		11.5	0.877	ug/L		11/05/25 11:18	11/07/25 18:17	1
2-Nitroaniline	ND	*+	11.5	1.58	ug/L		11/05/25 11:18	11/07/25 18:17	1
2-Nitrophenol	ND	*+	11.5	1.35	ug/L		11/05/25 11:18	11/07/25 18:17	1
3 & 4 Methylphenol	ND		23.1	5.31	ug/L		11/05/25 11:18	11/07/25 18:17	1
3,3'-Dichlorobenzidine	ND		12.7	0.473	ug/L		11/05/25 11:18	11/07/25 18:17	1
3-Nitroaniline	ND	*+	11.5	1.10	ug/L		11/05/25 11:18	11/07/25 18:17	1
4,6-Dinitro-2-methylphenol	ND	*+	11.5	2.27	ug/L		11/05/25 11:18	11/07/25 18:17	1
4-Bromophenyl phenyl ether	ND		11.5	0.150	ug/L		11/05/25 11:18	11/07/25 18:17	1
4-Chloro-3-methylphenol	ND		11.5	0.842	ug/L		11/05/25 11:18	11/07/25 18:17	1
4-Chloroaniline	ND		11.5	0.669	ug/L		11/05/25 11:18	11/07/25 18:17	1
4-Chlorophenyl phenyl ether	ND		11.5	0.277	ug/L		11/05/25 11:18	11/07/25 18:17	1
4-Nitroaniline	ND	*+	11.5	4.04	ug/L		11/05/25 11:18	11/07/25 18:17	1
4-Nitrophenol	ND		11.5	3.16	ug/L		11/05/25 11:18	11/07/25 18:17	1
Acenaphthene	ND		11.5	0.727	ug/L		11/05/25 11:18	11/07/25 18:17	1
Acenaphthylene	ND		11.5	0.877	ug/L		11/05/25 11:18	11/07/25 18:17	1
Acetophenone	ND		11.5	3.69	ug/L		11/05/25 11:18	11/07/25 18:17	1
Anthracene	ND		11.5	1.05	ug/L		11/05/25 11:18	11/07/25 18:17	1
Atrazine	ND		11.5	1.30	ug/L		11/05/25 11:18	11/07/25 18:17	1
Benzaldehyde	ND		11.5	0.773	ug/L		11/05/25 11:18	11/07/25 18:17	1
Benzo[a]anthracene	ND		11.5	1.15	ug/L		11/05/25 11:18	11/07/25 18:17	1
Benzo[a]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/07/25 18:17	1
Benzo[b]fluoranthene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/07/25 18:17	1
Benzo[g,h,i]perylene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/07/25 18:17	1
Benzo[k]fluoranthene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/07/25 18:17	1
bis (2-chloroisopropyl) ether	ND		11.5	1.07	ug/L		11/05/25 11:18	11/07/25 18:17	1
Bis(2-chloroethoxy)methane	ND		11.5	0.392	ug/L		11/05/25 11:18	11/07/25 18:17	1
Bis(2-chloroethyl)ether	ND		11.5	0.842	ug/L		11/05/25 11:18	11/07/25 18:17	1
Bis(2-ethylhexyl) phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/07/25 18:17	1
Butyl benzyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/07/25 18:17	1
Caprolactam	ND		11.5	2.77	ug/L		11/05/25 11:18	11/07/25 18:17	1
Carbazole	ND		11.5	0.369	ug/L		11/05/25 11:18	11/07/25 18:17	1
Chrysene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/07/25 18:17	1
Dibenz(a,h)anthracene	ND		11.5	1.50	ug/L		11/05/25 11:18	11/07/25 18:17	1
Dibenzofuran	ND		11.5	0.738	ug/L		11/05/25 11:18	11/07/25 18:17	1
Diethyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/07/25 18:17	1
Dimethyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/07/25 18:17	1
Di-n-butyl phthalate	ND		11.5	9.45	ug/L		11/05/25 11:18	11/07/25 18:17	1
Di-n-octyl phthalate	ND		11.5	4.62	ug/L		11/05/25 11:18	11/07/25 18:17	1
Fluoranthene	ND		11.5	0.727	ug/L		11/05/25 11:18	11/07/25 18:17	1
Fluorene	ND		11.5	0.773	ug/L		11/05/25 11:18	11/07/25 18:17	1
Hexachlorobenzene	ND		11.5	0.288	ug/L		11/05/25 11:18	11/07/25 18:17	1
Hexachlorobutadiene	ND		11.5	0.635	ug/L		11/05/25 11:18	11/07/25 18:17	1
Hexachlorocyclopentadiene	ND		23.1	0.369	ug/L		11/05/25 11:18	11/07/25 18:17	1
Hexachloroethane	ND		11.5	0.612	ug/L		11/05/25 11:18	11/07/25 18:17	1
Indeno[1,2,3-cd]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/07/25 18:17	1
Isophorone	ND		11.5	0.923	ug/L		11/05/25 11:18	11/07/25 18:17	1
Naphthalene	ND		11.5	0.865	ug/L		11/05/25 11:18	11/07/25 18:17	1
Nitrobenzene	ND		11.5	0.692	ug/L		11/05/25 11:18	11/07/25 18:17	1
N-Nitrosodi-n-propylamine	ND		11.5	0.381	ug/L		11/05/25 11:18	11/07/25 18:17	1

Client Sample ID: 824-MW-Dup-1 | **Lab Sample ID: 752-38798-10**
Date Collected: 10/31/25 00:00 | **Matrix: Water**
Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.5	0.219	ug/L		11/05/25 11:18	11/07/25 18:17	1
Pentachlorophenol	ND		11.5	3.23	ug/L		11/05/25 11:18	11/07/25 18:17	1
Phenanthrene	ND		11.5	0.854	ug/L		11/05/25 11:18	11/07/25 18:17	1
Phenol	ND		11.5	0.785	ug/L		11/05/25 11:18	11/07/25 18:17	1
Pyrene	ND		11.5	0.727	ug/L		11/05/25 11:18	11/07/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*10 - 150*	*11/05/25 11:18*	*11/07/25 18:17*	*1*
2-Fluorobiphenyl (Surr)	*101*		*25 - 139*	*11/05/25 11:18*	*11/07/25 18:17*	*1*
2-Fluorophenol (Surr)	*90*		*10 - 150*	*11/05/25 11:18*	*11/07/25 18:17*	*1*
Nitrobenzene-d5 (Surr)	*129*		*22 - 150*	*11/05/25 11:18*	*11/07/25 18:17*	*1*
Phenol-d5 (Surr)	*85*		*10 - 150*	*11/05/25 11:18*	*11/07/25 18:17*	*1*
Terphenyl-d14 (Surr)	*59*		*28 - 150*	*11/05/25 11:18*	*11/07/25 18:17*	*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		11/05/25 09:04	11/11/25 04:43	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 04:43	1
Barium	**65.1**		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 04:43	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 04:43	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 04:43	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 04:43	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 04:43	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 04:43	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 04:43	1
Manganese	**211**		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 04:43	1
Nickel	**0.826**	**J**	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 04:43	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 04:43	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 04:43	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 04:43	1
Vanadium	**5.46**		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 04:43	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 04:43	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		11/11/25 11:25	11/11/25 16:57	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			11/05/25 10:33	1
Nitrite as N (EPA 353.2)	ND	H H3	0.100	0.0168	mg/L			11/06/25 16:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.565**		0.100	0.0100	mg/L			11/05/25 11:59	1
Nitrate as N (SM Nitrate by calc)	**0.565**		0.100	0.0100	mg/L			11/05/25 07:31	1
Sulfate (SM 4500 SO4 E)	**20.6**		5.00	1.40	mg/L			11/07/25 12:58	1

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

Job ID: 752-38798-1

Client Sample ID: Trip Blank
Date Collected: 10/31/25 00:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-11
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			11/07/25 22:15	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 22:15	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 22:15	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 22:15	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 22:15	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 22:15	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 22:15	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 22:15	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 22:15	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 22:15	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 22:15	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 22:15	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 22:15	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 22:15	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 22:15	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 22:15	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 22:15	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 22:15	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 22:15	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 22:15	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 22:15	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 22:15	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 22:15	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 22:15	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 22:15	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 22:15	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 22:15	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 22:15	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 22:15	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 22:15	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 22:15	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 22:15	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 22:15	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 22:15	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 22:15	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 22:15	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 22:15	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 22:15	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 22:15	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 22:15	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 22:15	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 22:15	1

Client Sample ID: Trip Blank
Date Collected: 10/31/25 00:00
Date Received: 11/03/25 14:15

Lab Sample ID: 752-38798-11
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			11/07/25 22:15	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 22:15	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 22:15	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 22:15	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 22:15	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 22:15	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 22:15	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 22:15	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 22:15	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 22:15	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 22:15	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 22:15	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 22:15	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 22:15	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 22:15	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 22:15	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 22:15	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 22:15	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 22:15	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 22:15	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 22:15	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*11/07/25 22:15*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*11/07/25 22:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/07/25 22:15*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/07/25 22:15*	*1*

Surrogate Summary

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

Job ID: 752-38798-1

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)
752-38798-1	824-MW-5	96	105	110	102
752-38798-1 MS	824-MW-5	94	102	112	100
752-38798-1 MSD	824-MW-5	96	104	113	103
752-38798-2	824-MW-6	98	105	109	101
752-38798-3	824-MW-7	96	105	108	100
752-38798-4	824-MW-8	97	107	111	100
752-38798-5	824-MW-1	98	105	110	103
752-38798-6	824-MW-3	97	105	107	100
752-38798-7	824-MW-2	98	105	110	101
752-38798-8	824-MW-4	98	109	109	100
752-38798-9	824-MW-9	94	103	115	99
752-38798-10	824-MW-Dup-1	96	107	110	101
752-38798-11	Trip Blank	97	107	108	101
LCS 400-729745/1002	Lab Control Sample	97	104	115	100
MB 400-729745/5	Method Blank	99	104	111	102

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)
752-38798-1	824-MW-5	113	98	90	132	89	58
752-38798-2	824-MW-6	116	100	93	136	93	54
752-38798-3	824-MW-7	118	99	93	134	91	56
752-38798-4	824-MW-8	114	101	87	128	84	58
752-38798-5	824-MW-1	115	102	91	131	90	54
752-38798-6	824-MW-3	111	99	87	130	86	59
752-38798-7	824-MW-2	109	105	87	140	85	61
752-38798-8	824-MW-4	118	96	85	121	80	58
752-38798-9	824-MW-9	119	101	88	129	79	60
752-38798-10	824-MW-Dup-1	121	101	90	129	85	59
LCS 400-729456/2-A	Lab Control Sample	115	98	93	140	96	87
LCSD 400-729456/3-A	Lab Control Sample Dup	110	96	88	130	93	82
MB 400-729456/1-A	Method Blank	112	99	92	138	92	74

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

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

Job ID: 752-38798-1

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)						
752-38798-1	824-MW-5	22						
752-38798-2	824-MW-6	27						
752-38798-3	824-MW-7	30						
752-38798-4	824-MW-8	26						
752-38798-5	824-MW-1	25						
752-38798-6	824-MW-3	25						
752-38798-7	824-MW-2	30						
752-38798-8	824-MW-4	25						
752-38798-9	824-MW-9	24						
752-38798-10	824-MW-Dup-1	21						
LCS 400-729500/2-A	Lab Control Sample	25						
LCS 400-729505/2-A	Lab Control Sample	26						
LCSD 400-729500/3-A	Lab Control Sample Dup	27						
LCSD 400-729505/3-A	Lab Control Sample Dup	27						
MB 400-729500/1-A	Method Blank	29						
MB 400-729505/1-A	Method Blank	28						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-729745/5
Matrix: Water
Analysis Batch: 729745

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			11/07/25 15:06	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 15:06	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 15:06	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 15:06	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 15:06	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 15:06	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 15:06	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 15:06	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 15:06	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 15:06	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 15:06	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 15:06	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 15:06	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 15:06	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 15:06	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 15:06	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 15:06	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 15:06	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 15:06	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 15:06	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 15:06	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 15:06	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 15:06	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 15:06	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 15:06	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 15:06	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 15:06	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 15:06	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 15:06	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 15:06	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 15:06	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 15:06	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 15:06	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 15:06	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 15:06	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 15:06	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 15:06	1

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

Lab Sample ID: MB 400-729745/5
Matrix: Water
Analysis Batch: 729745

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			11/07/25 15:06	1
o-Xylene	ND		5.00	3.00	ug/L			11/07/25 15:06	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 15:06	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 15:06	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 15:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 15:06	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 15:06	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 15:06	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 15:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 15:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 15:06	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 15:06	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 15:06	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 15:06	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 15:06	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 15:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 15:06	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 15:06	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 15:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*11/07/25 15:06*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*11/07/25 15:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*11/07/25 15:06*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/07/25 15:06*	*1*

Lab Sample ID: LCS 400-729745/1002
Matrix: Water
Analysis Batch: 729745

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	377.2	*+	ug/L		189	43 - 150
Benzene	50.0	47.06		ug/L		94	70 - 130
Bromobenzene	50.0	44.74		ug/L		89	70 - 132
Bromoform	50.0	42.13		ug/L		84	57 - 140
Bromomethane	50.0	75.20		ug/L		150	10 - 150
2-Butanone (MEK)	200	212.7		ug/L		106	61 - 145
Carbon disulfide	50.0	40.32		ug/L		81	61 - 137
Carbon tetrachloride	50.0	46.85		ug/L		94	61 - 137
Chlorobenzene	50.0	48.71		ug/L		97	70 - 130
Chlorobromomethane	50.0	47.39		ug/L		95	70 - 130
Chlorodibromomethane	50.0	46.12		ug/L		92	67 - 135

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

Lab Sample ID: LCS 400-729745/1002
Matrix: Water
Analysis Batch: 729745

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	54.08		ug/L		108	55 - 141
Chloroform	50.0	49.00		ug/L		98	69 - 130
Chloromethane	50.0	54.75		ug/L		110	58 - 137
2-Chlorotoluene	50.0	52.20		ug/L		104	70 - 130
4-Chlorotoluene	50.0	53.67		ug/L		107	70 - 130
cis-1,2-Dichloroethene	50.0	48.82		ug/L		98	68 - 130
cis-1,3-Dichloropropene	50.0	46.95		ug/L		94	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	44.62		ug/L		89	54 - 135
Dibromomethane	50.0	47.31		ug/L		95	70 - 130
1,2-Dichlorobenzene	50.0	51.02		ug/L		102	67 - 130
1,3-Dichlorobenzene	50.0	49.99		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	50.77		ug/L		102	70 - 130
Dichlorobromomethane	50.0	49.48		ug/L		99	67 - 133
1,1-Dichloroethane	50.0	45.52		ug/L		91	70 - 130
1,2-Dichloroethane	50.0	52.57		ug/L		105	69 - 130
1,1-Dichloroethene	50.0	49.71		ug/L		99	63 - 134
1,2-Dichloropropane	50.0	49.02		ug/L		98	70 - 130
1,3-Dichloropropane	50.0	48.18		ug/L		96	70 - 130
2,2-Dichloropropane	50.0	46.70		ug/L		93	52 - 135
1,1-Dichloropropene	50.0	48.04		ug/L		96	70 - 130
Ethyl acetate	100	87.24		ug/L		87	34 - 150
Ethylbenzene	50.0	51.62		ug/L		103	70 - 130
Ethylene Dibromide	50.0	46.56		ug/L		93	70 - 130
Hexachlorobutadiene	50.0	52.15		ug/L		104	53 - 140
Hexane	50.0	41.46		ug/L		83	69 - 130
2-Hexanone	200	216.2		ug/L		108	65 - 137
Iodomethane	50.0	38.26		ug/L		77	27 - 150
Isopropylbenzene	50.0	52.83		ug/L		106	70 - 130
Isopropyl ether	50.0	44.40		ug/L		89	64 - 132
4-Isopropyltoluene	50.0	55.48		ug/L		111	65 - 130
Methylene Chloride	50.0	42.71		ug/L		85	66 - 135
4-Methyl-2-pentanone (MIBK)	200	215.9		ug/L		108	69 - 138
Methyl tert-butyl ether	50.0	45.09		ug/L		90	66 - 130
m-Xylene & p-Xylene	50.0	51.16		ug/L		102	70 - 130
Naphthalene	50.0	44.40		ug/L		89	47 - 149
n-Butylbenzene	50.0	61.96		ug/L		124	67 - 130
n-Heptane	50.0	45.76		ug/L		92	70 - 130
N-Propylbenzene	50.0	51.09		ug/L		102	70 - 130
o-Xylene	50.0	51.55		ug/L		103	70 - 130
sec-Butylbenzene	50.0	56.10		ug/L		112	66 - 130
Styrene	50.0	49.57		ug/L		99	70 - 130
tert-Butylbenzene	50.0	54.77		ug/L		110	64 - 139
1,1,1,2-Tetrachloroethane	50.0	47.12		ug/L		94	67 - 131
1,1,2,2-Tetrachloroethane	50.0	46.91		ug/L		94	70 - 131
Tetrachloroethene	50.0	48.13		ug/L		96	65 - 130
Toluene	50.0	47.35		ug/L		95	70 - 130
trans-1,4-Dichloro-2-butene	50.0	53.88		ug/L		108	57 - 140
trans-1,2-Dichloroethene	50.0	43.23		ug/L		86	70 - 130
trans-1,3-Dichloropropene	50.0	48.17		ug/L		96	63 - 130

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

Lab Sample ID: LCS 400-729745/1002
Matrix: Water
Analysis Batch: 729745

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	46.37		ug/L		93	60 - 138
1,2,4-Trichlorobenzene	50.0	48.47		ug/L		97	60 - 140
1,1,1-Trichloroethane	50.0	48.14		ug/L		96	68 - 130
1,1,2-Trichloroethane	50.0	47.84		ug/L		96	70 - 130
Trichloroethene	50.0	45.05		ug/L		90	70 - 130
Trichlorofluoromethane	50.0	57.69		ug/L		115	65 - 138
1,2,3-Trichloropropane	50.0	46.54		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.39		ug/L		101	60 - 139
1,2,4-Trimethylbenzene	50.0	52.56		ug/L		105	70 - 130
1,3,5-Trimethylbenzene	50.0	52.04		ug/L		104	69 - 130
Vinyl acetate	100	105.2		ug/L		105	26 - 150
Vinyl chloride	50.0	46.24		ug/L		92	59 - 136
Xylenes, Total	100	102.7		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*115*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

Lab Sample ID: 752-38798-1 MS
Matrix: Water
Analysis Batch: 729745

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	*+ F2	200	172.4		ug/L		86	43 - 150
Benzene	ND		50.0	56.61		ug/L		113	56 - 142
Bromobenzene	ND		50.0	49.56		ug/L		99	59 - 136
Bromoform	ND		50.0	52.83		ug/L		106	50 - 140
Bromomethane	ND		50.0	64.46		ug/L		129	10 - 150
2-Butanone (MEK)	ND	F2	200	166.2		ug/L		83	55 - 150
Carbon disulfide	ND		50.0	45.79		ug/L		92	48 - 150
Carbon tetrachloride	ND		50.0	54.87		ug/L		110	55 - 145
Chlorobenzene	ND		50.0	53.56		ug/L		107	64 - 130
Chlorobromomethane	ND	F2	50.0	60.97		ug/L		122	64 - 140
Chlorodibromomethane	ND	F2	50.0	59.34		ug/L		119	56 - 143
Chloroethane	ND		50.0	68.14		ug/L		136	50 - 150
Chloroform	ND		50.0	61.83		ug/L		124	60 - 141
Chloromethane	2.44		50.0	57.45		ug/L		110	49 - 148
2-Chlorotoluene	ND	F2	50.0	50.97		ug/L		102	53 - 134
4-Chlorotoluene	ND	F2	50.0	52.13		ug/L		104	54 - 133
cis-1,2-Dichloroethene	ND		50.0	57.13		ug/L		114	59 - 143
cis-1,3-Dichloropropene	ND		50.0	55.44		ug/L		111	57 - 140
1,2-Dibromo-3-Chloropropane	ND	F2	50.0	59.05		ug/L		118	45 - 135
Dibromomethane	ND		50.0	63.21		ug/L		126	63 - 138
1,2-Dichlorobenzene	ND	F2	50.0	55.06		ug/L		110	52 - 137
1,3-Dichlorobenzene	ND	F2	50.0	49.64		ug/L		99	54 - 135
1,4-Dichlorobenzene	ND	F2	50.0	50.87		ug/L		102	53 - 135

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

Lab Sample ID: 752-38798-1 MS
Matrix: Water
Analysis Batch: 729745

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	ND		50.0	60.92		ug/L		122	59 - 143
1,1-Dichloroethane	ND		50.0	54.16		ug/L		108	61 - 144
1,2-Dichloroethane	ND		50.0	66.70		ug/L		133	60 - 141
1,1-Dichloroethene	ND		50.0	59.29		ug/L		119	54 - 147
1,2-Dichloropropane	ND		50.0	60.82		ug/L		122	66 - 137
1,3-Dichloropropane	ND		50.0	61.52		ug/L		123	66 - 133
2,2-Dichloropropane	ND		50.0	54.05		ug/L		108	42 - 144
1,1-Dichloropropene	ND		50.0	55.08		ug/L		110	65 - 136
Ethyl acetate	ND	F2	100	114.7		ug/L		115	34 - 150
Ethylbenzene	ND	F2	50.0	54.78		ug/L		110	58 - 131
Ethylene Dibromide	ND	F2	50.0	59.87		ug/L		120	64 - 132
Hexachlorobutadiene	ND	F2	50.0	40.77		ug/L		82	31 - 149
Hexane	ND		50.0	46.95		ug/L		94	60 - 142
2-Hexanone	ND	F2	200	199.5		ug/L		100	65 - 140
Iodomethane	ND		50.0	42.90		ug/L		86	20 - 150
Isopropylbenzene	ND	F2	50.0	53.36		ug/L		107	56 - 133
Isopropyl ether	ND		50.0	57.09		ug/L		114	60 - 144
4-Isopropyltoluene	ND	F2	50.0	48.30		ug/L		97	48 - 139
Methylene Chloride	ND		50.0	54.09		ug/L		108	60 - 146
4-Methyl-2-pentanone (MIBK)	ND	F2	200	285.7		ug/L		143	63 - 146
Methyl tert-butyl ether	ND		50.0	57.33		ug/L		115	59 - 137
m-Xylene & p-Xylene	ND		50.0	52.91		ug/L		106	57 - 130
Naphthalene	ND	F2	50.0	52.85		ug/L		106	25 - 150
n-Butylbenzene	ND	F2	50.0	50.51		ug/L		101	41 - 142
n-Heptane	ND		50.0	54.19		ug/L		108	64 - 142
N-Propylbenzene	ND	F2	50.0	46.80		ug/L		94	51 - 138
o-Xylene	ND	F2	50.0	55.25		ug/L		110	61 - 130
sec-Butylbenzene	ND	F2	50.0	49.68		ug/L		99	50 - 138
Styrene	ND	F2	50.0	54.10		ug/L		108	58 - 131
tert-Butylbenzene	ND	F2	50.0	52.20		ug/L		104	54 - 146
1,1,1,2-Tetrachloroethane	ND		50.0	56.61		ug/L		113	59 - 137
1,1,2,2-Tetrachloroethane	ND	F2	50.0	61.20		ug/L		122	66 - 135
Tetrachloroethene	ND	F2	50.0	46.84		ug/L		94	52 - 133
Toluene	ND		50.0	54.00		ug/L		108	65 - 130
trans-1,4-Dichloro-2-butene	ND	F1 F2	50.0	76.68	F1	ug/L		153	43 - 147
trans-1,2-Dichloroethene	ND		50.0	50.93		ug/L		102	61 - 143
trans-1,3-Dichloropropene	ND		50.0	59.78		ug/L		120	53 - 133
1,2,3-Trichlorobenzene	ND		50.0	48.12		ug/L		96	43 - 145
1,2,4-Trichlorobenzene	ND	F2	50.0	47.34		ug/L		95	39 - 148
1,1,1-Trichloroethane	ND		50.0	56.67		ug/L		113	57 - 142
1,1,2-Trichloroethane	ND		50.0	60.94		ug/L		122	66 - 131
Trichloroethene	ND		50.0	50.45		ug/L		101	64 - 136
Trichlorofluoromethane	ND		50.0	69.61		ug/L		139	54 - 150
1,2,3-Trichloropropane	ND		50.0	61.49		ug/L		123	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	62.47		ug/L		125	55 - 150
1,2,4-Trimethylbenzene	ND	F2	50.0	50.45		ug/L		101	50 - 139
1,3,5-Trimethylbenzene	ND	F2	50.0	49.63		ug/L		99	52 - 135
Vinyl acetate	ND		100	138.0		ug/L		138	26 - 150

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

Lab Sample ID: 752-38798-1 MS
Matrix: Water
Analysis Batch: 729745

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	ND		50.0	49.39		ug/L		99	46 - 150
Xylenes, Total	ND	F2	100	108.2		ug/L		108	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*56 - 136*
Dibromofluoromethane	*102*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*112*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

Lab Sample ID: 752-38798-1 MSD
Matrix: Water
Analysis Batch: 729745

Client Sample ID: 824-MW-5
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	126.0	F2	ug/L		63	43 - 150	31	30
Benzene	ND		50.0	42.75		ug/L		86	56 - 142	28	30
Bromobenzene	ND		50.0	37.45		ug/L		75	59 - 136	28	30
Bromoform	ND		50.0	39.18		ug/L		78	50 - 140	30	30
Bromomethane	ND		50.0	68.47		ug/L		137	10 - 150	6	50
2-Butanone (MEK)	ND	F2	200	121.9	F2	ug/L		61	55 - 150	31	30
Carbon disulfide	ND		50.0	36.51		ug/L		73	48 - 150	23	30
Carbon tetrachloride	ND		50.0	41.40		ug/L		83	55 - 145	28	30
Chlorobenzene	ND		50.0	39.63		ug/L		79	64 - 130	30	30
Chlorobromomethane	ND	F2	50.0	43.61	F2	ug/L		87	64 - 140	33	30
Chlorodibromomethane	ND	F2	50.0	43.36	F2	ug/L		87	56 - 143	31	30
Chloroethane	ND		50.0	57.61		ug/L		115	50 - 150	17	30
Chloroform	ND		50.0	46.75		ug/L		94	60 - 141	28	30
Chloromethane	2.44		50.0	49.79		ug/L		95	49 - 148	14	31
2-Chlorotoluene	ND	F2	50.0	37.08	F2	ug/L		74	53 - 134	32	30
4-Chlorotoluene	ND	F2	50.0	37.38	F2	ug/L		75	54 - 133	33	30
cis-1,2-Dichloroethene	ND		50.0	45.28		ug/L		91	59 - 143	23	30
cis-1,3-Dichloropropene	ND		50.0	42.83		ug/L		86	57 - 140	26	30
1,2-Dibromo-3-Chloropropane	ND	F2	50.0	42.37	F2	ug/L		85	45 - 135	33	30
Dibromomethane	ND		50.0	46.67		ug/L		93	63 - 138	30	30
1,2-Dichlorobenzene	ND	F2	50.0	39.56	F2	ug/L		79	52 - 137	33	30
1,3-Dichlorobenzene	ND	F2	50.0	35.92	F2	ug/L		72	54 - 135	32	30
1,4-Dichlorobenzene	ND	F2	50.0	36.10	F2	ug/L		72	53 - 135	34	30
Dichlorobromomethane	ND		50.0	45.23		ug/L		90	59 - 143	30	30
1,1-Dichloroethane	ND		50.0	43.71		ug/L		87	61 - 144	21	30
1,2-Dichloroethane	ND		50.0	49.73		ug/L		99	60 - 141	29	30
1,1-Dichloroethene	ND		50.0	46.60		ug/L		93	54 - 147	24	30
1,2-Dichloropropane	ND		50.0	45.27		ug/L		91	66 - 137	29	30
1,3-Dichloropropane	ND		50.0	46.61		ug/L		93	66 - 133	28	30
2,2-Dichloropropane	ND		50.0	42.06		ug/L		84	42 - 144	25	31
1,1-Dichloropropene	ND		50.0	42.23		ug/L		84	65 - 136	26	30
Ethyl acetate	ND	F2	100	84.05	F2	ug/L		84	34 - 150	31	30
Ethylbenzene	ND	F2	50.0	39.97	F2	ug/L		80	58 - 131	31	30
Ethylene Dibromide	ND	F2	50.0	43.59	F2	ug/L		87	64 - 132	31	30

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

Lab Sample ID: 752-38798-1 MSD
Client Sample ID: 824-MW-5
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 729745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	ND	F2	50.0	25.94	F2	ug/L		52	31 - 149	44	36
Hexane	ND		50.0	37.41		ug/L		75	60 - 142	23	30
2-Hexanone	ND	F2	200	141.9	F2	ug/L		71	65 - 140	34	30
Iodomethane	ND		50.0	35.49		ug/L		71	20 - 150	19	44
Isopropylbenzene	ND	F2	50.0	37.44	F2	ug/L		75	56 - 133	35	30
Isopropyl ether	ND		50.0	43.45		ug/L		87	60 - 144	27	30
4-Isopropyltoluene	ND	F2	50.0	32.48	F2	ug/L		65	48 - 139	39	30
Methylene Chloride	ND		50.0	41.11		ug/L		82	60 - 146	27	32
4-Methyl-2-pentanone (MIBK)	ND	F2	200	203.1	F2	ug/L		102	63 - 146	34	30
Methyl tert-butyl ether	ND		50.0	44.20		ug/L		88	59 - 137	26	30
m-Xylene & p-Xylene	ND		50.0	38.91		ug/L		78	57 - 130	30	30
Naphthalene	ND	F2	50.0	38.48	F2	ug/L		77	25 - 150	31	30
n-Butylbenzene	ND	F2	50.0	32.91	F2	ug/L		66	41 - 142	42	31
n-Heptane	ND		50.0	40.12		ug/L		80	64 - 142	30	30
N-Propylbenzene	ND	F2	50.0	33.56	F2	ug/L		67	51 - 138	33	30
o-Xylene	ND	F2	50.0	40.37	F2	ug/L		81	61 - 130	31	30
sec-Butylbenzene	ND	F2	50.0	34.25	F2	ug/L		69	50 - 138	37	30
Styrene	ND	F2	50.0	39.48	F2	ug/L		79	58 - 131	31	30
tert-Butylbenzene	ND	F2	50.0	36.55	F2	ug/L		73	54 - 146	35	30
1,1,1,2-Tetrachloroethane	ND		50.0	42.28		ug/L		85	59 - 137	29	30
1,1,2,2-Tetrachloroethane	ND	F2	50.0	44.72	F2	ug/L		89	66 - 135	31	30
Tetrachloroethene	ND	F2	50.0	34.43	F2	ug/L		69	52 - 133	31	30
Toluene	ND		50.0	40.75		ug/L		82	65 - 130	28	30
trans-1,4-Dichloro-2-butene	ND	F1 F2	50.0	51.76	F2	ug/L		104	43 - 147	39	36
trans-1,2-Dichloroethene	ND		50.0	39.18		ug/L		78	61 - 143	26	30
trans-1,3-Dichloropropene	ND		50.0	44.88		ug/L		90	53 - 133	28	30
1,2,3-Trichlorobenzene	ND		50.0	35.78		ug/L		72	43 - 145	29	30
1,2,4-Trichlorobenzene	ND	F2	50.0	34.41	F2	ug/L		69	39 - 148	32	30
1,1,1-Trichloroethane	ND		50.0	43.56		ug/L		87	57 - 142	26	30
1,1,2-Trichloroethane	ND		50.0	46.18		ug/L		92	66 - 131	28	30
Trichloroethene	ND		50.0	37.80		ug/L		76	64 - 136	29	30
Trichlorofluoromethane	ND		50.0	55.97		ug/L		112	54 - 150	22	30
1,2,3-Trichloropropane	ND		50.0	45.39		ug/L		91	65 - 133	30	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	48.22		ug/L		96	55 - 150	26	30
1,2,4-Trimethylbenzene	ND	F2	50.0	35.73	F2	ug/L		71	50 - 139	34	30
1,3,5-Trimethylbenzene	ND	F2	50.0	35.30	F2	ug/L		71	52 - 135	34	30
Vinyl acetate	ND		100	103.8		ug/L		104	26 - 150	28	33
Vinyl chloride	ND		50.0	41.36		ug/L		83	46 - 150	18	30
Xylenes, Total	ND	F2	100	79.28	F2	ug/L		79	59 - 130	31	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*
Toluene-d8 (Surr)	*103*		*64 - 132*

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

Lab Sample ID: MB 400-729456/1-A
Matrix: Water
Analysis Batch: 729583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729456

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.5	0.483	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,4,5-Trichlorophenol	ND		11.5	0.621	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,4,6-Trichlorophenol	ND		11.5	1.25	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,4-Dichlorophenol	ND		11.5	0.656	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,4-Dimethylphenol	ND		11.5	0.276	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,4-Dinitrophenol	ND		34.5	5.38	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,4-Dinitrotoluene	ND		11.5	0.748	ug/L		11/05/25 11:17	11/06/25 13:57	1
2,6-Dinitrotoluene	ND		11.5	0.334	ug/L		11/05/25 11:17	11/06/25 13:57	1
2-Chloronaphthalene	ND		11.5	0.437	ug/L		11/05/25 11:17	11/06/25 13:57	1
2-Chlorophenol	ND		11.5	0.966	ug/L		11/05/25 11:17	11/06/25 13:57	1
2-Methylnaphthalene	ND		11.5	0.932	ug/L		11/05/25 11:17	11/06/25 13:57	1
2-Methylphenol	ND		11.5	0.874	ug/L		11/05/25 11:17	11/06/25 13:57	1
2-Nitroaniline	ND		11.5	1.58	ug/L		11/05/25 11:17	11/06/25 13:57	1
2-Nitrophenol	ND		11.5	1.35	ug/L		11/05/25 11:17	11/06/25 13:57	1
3 & 4 Methylphenol	ND		23.0	5.29	ug/L		11/05/25 11:17	11/06/25 13:57	1
3,3'-Dichlorobenzidine	ND		12.7	0.472	ug/L		11/05/25 11:17	11/06/25 13:57	1
3-Nitroaniline	ND		11.5	1.09	ug/L		11/05/25 11:17	11/06/25 13:57	1
4,6-Dinitro-2-methylphenol	ND		11.5	2.27	ug/L		11/05/25 11:17	11/06/25 13:57	1
4-Bromophenyl phenyl ether	ND		11.5	0.150	ug/L		11/05/25 11:17	11/06/25 13:57	1
4-Chloro-3-methylphenol	ND		11.5	0.840	ug/L		11/05/25 11:17	11/06/25 13:57	1
4-Chloroaniline	ND		11.5	0.667	ug/L		11/05/25 11:17	11/06/25 13:57	1
4-Chlorophenyl phenyl ether	ND		11.5	0.276	ug/L		11/05/25 11:17	11/06/25 13:57	1
4-Nitroaniline	ND		11.5	4.03	ug/L		11/05/25 11:17	11/06/25 13:57	1
4-Nitrophenol	ND		11.5	3.15	ug/L		11/05/25 11:17	11/06/25 13:57	1
Acenaphthene	ND		11.5	0.725	ug/L		11/05/25 11:17	11/06/25 13:57	1
Acenaphthylene	ND		11.5	0.874	ug/L		11/05/25 11:17	11/06/25 13:57	1
Acetophenone	ND		11.5	3.68	ug/L		11/05/25 11:17	11/06/25 13:57	1
Anthracene	ND		11.5	1.05	ug/L		11/05/25 11:17	11/06/25 13:57	1
Atrazine	ND		11.5	1.30	ug/L		11/05/25 11:17	11/06/25 13:57	1
Benzaldehyde	ND		11.5	0.771	ug/L		11/05/25 11:17	11/06/25 13:57	1
Benzo[a]anthracene	ND		11.5	1.15	ug/L		11/05/25 11:17	11/06/25 13:57	1
Benzo[a]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:17	11/06/25 13:57	1
Benzo[b]fluoranthene	ND		11.5	1.38	ug/L		11/05/25 11:17	11/06/25 13:57	1
Benzo[g,h,i]perylene	ND		11.5	1.73	ug/L		11/05/25 11:17	11/06/25 13:57	1
Benzo[k]fluoranthene	ND		11.5	1.73	ug/L		11/05/25 11:17	11/06/25 13:57	1
bis (2-chloroisopropyl) ether	ND		11.5	1.07	ug/L		11/05/25 11:17	11/06/25 13:57	1
Bis(2-chloroethoxy)methane	ND		11.5	0.391	ug/L		11/05/25 11:17	11/06/25 13:57	1
Bis(2-chloroethyl)ether	ND		11.5	0.840	ug/L		11/05/25 11:17	11/06/25 13:57	1
Bis(2-ethylhexyl) phthalate	ND		11.5	4.60	ug/L		11/05/25 11:17	11/06/25 13:57	1
Butyl benzyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:17	11/06/25 13:57	1
Caprolactam	ND		11.5	2.76	ug/L		11/05/25 11:17	11/06/25 13:57	1
Carbazole	ND		11.5	0.368	ug/L		11/05/25 11:17	11/06/25 13:57	1
Chrysene	ND		11.5	1.38	ug/L		11/05/25 11:17	11/06/25 13:57	1
Dibenz(a,h)anthracene	ND		11.5	1.50	ug/L		11/05/25 11:17	11/06/25 13:57	1
Dibenzofuran	ND		11.5	0.736	ug/L		11/05/25 11:17	11/06/25 13:57	1
Diethyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:17	11/06/25 13:57	1
Dimethyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:17	11/06/25 13:57	1
Di-n-butyl phthalate	ND		11.5	9.42	ug/L		11/05/25 11:17	11/06/25 13:57	1

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

Lab Sample ID: MB 400-729456/1-A
Matrix: Water
Analysis Batch: 729583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729456

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:17	11/06/25 13:57	1
Fluoranthene	ND		11.5	0.725	ug/L		11/05/25 11:17	11/06/25 13:57	1
Fluorene	ND		11.5	0.771	ug/L		11/05/25 11:17	11/06/25 13:57	1
Hexachlorobenzene	ND		11.5	0.288	ug/L		11/05/25 11:17	11/06/25 13:57	1
Hexachlorobutadiene	ND		11.5	0.633	ug/L		11/05/25 11:17	11/06/25 13:57	1
Hexachlorocyclopentadiene	ND		23.0	0.368	ug/L		11/05/25 11:17	11/06/25 13:57	1
Hexachloroethane	ND		11.5	0.610	ug/L		11/05/25 11:17	11/06/25 13:57	1
Indeno[1,2,3-cd]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:17	11/06/25 13:57	1
Isophorone	ND		11.5	0.920	ug/L		11/05/25 11:17	11/06/25 13:57	1
Naphthalene	ND		11.5	0.863	ug/L		11/05/25 11:17	11/06/25 13:57	1
Nitrobenzene	ND		11.5	0.690	ug/L		11/05/25 11:17	11/06/25 13:57	1
N-Nitrosodi-n-propylamine	ND		11.5	0.380	ug/L		11/05/25 11:17	11/06/25 13:57	1
N-Nitrosodiphenylamine	ND		11.5	0.219	ug/L		11/05/25 11:17	11/06/25 13:57	1
Pentachlorophenol	ND		11.5	3.22	ug/L		11/05/25 11:17	11/06/25 13:57	1
Phenanthrene	ND		11.5	0.851	ug/L		11/05/25 11:17	11/06/25 13:57	1
Phenol	ND		11.5	0.782	ug/L		11/05/25 11:17	11/06/25 13:57	1
Pyrene	ND		11.5	0.725	ug/L		11/05/25 11:17	11/06/25 13:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*10 - 150*	*11/05/25 11:17*	*11/06/25 13:57*	*1*
2-Fluorobiphenyl (Surr)	*99*		*25 - 139*	*11/05/25 11:17*	*11/06/25 13:57*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 150*	*11/05/25 11:17*	*11/06/25 13:57*	*1*
Nitrobenzene-d5 (Surr)	*138*		*22 - 150*	*11/05/25 11:17*	*11/06/25 13:57*	*1*
Phenol-d5 (Surr)	*92*		*10 - 150*	*11/05/25 11:17*	*11/06/25 13:57*	*1*
Terphenyl-d14 (Surr)	*74*		*28 - 150*	*11/05/25 11:17*	*11/06/25 13:57*	*1*

Lab Sample ID: LCS 400-729456/2-A
Matrix: Water
Analysis Batch: 729583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729456

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	22.37		ug/L		67	27 - 120
2,4,5-Trichlorophenol	33.3	30.65		ug/L		92	27 - 136
2,4,6-Trichlorophenol	33.3	29.49		ug/L		88	21 - 132
2,4-Dichlorophenol	33.3	31.00		ug/L		93	30 - 125
2,4-Dimethylphenol	33.3	26.97		ug/L		81	10 - 142
2,4-Dinitrophenol	66.7	84.66		ug/L		127	10 - 150
2,4-Dinitrotoluene	33.3	43.31	*+	ug/L		130	30 - 129
2,6-Dinitrotoluene	33.3	49.80	*+	ug/L		149	34 - 132
2-Chloronaphthalene	33.3	21.83		ug/L		65	10 - 150
2-Chlorophenol	33.3	31.24		ug/L		94	28 - 127
2-Methylnaphthalene	33.3	20.31		ug/L		61	24 - 150
2-Methylphenol	33.3	34.67		ug/L		104	11 - 121
2-Nitroaniline	33.3	52.78	*+	ug/L		158	31 - 141
2-Nitrophenol	33.3	62.49	*+	ug/L		187	31 - 142
3 & 4 Methylphenol	33.3	33.00		ug/L		99	10 - 150
3,3'-Dichlorobenzidine	66.7	35.02		ug/L		53	10 - 150
3-Nitroaniline	33.3	46.19	*+	ug/L		139	33 - 136

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

Job ID: 752-38798-1

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

Lab Sample ID: LCS 400-729456/2-A
Matrix: Water
Analysis Batch: 729583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729456

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	66.7	117.3	*+	ug/L		176	10 - 150
4-Bromophenyl phenyl ether	33.3	29.23		ug/L		88	24 - 120
4-Chloro-3-methylphenol	33.3	31.87		ug/L		96	10 - 137
4-Chloroaniline	33.3	32.85		ug/L		99	10 - 150
4-Chlorophenyl phenyl ether	33.3	29.27		ug/L		88	31 - 110
4-Nitroaniline	33.3	48.91	*+	ug/L		147	37 - 139
4-Nitrophenol	66.7	89.76		ug/L		135	10 - 150
Acenaphthene	33.3	25.09		ug/L		75	29 - 150
Acenaphthylene	33.3	25.07		ug/L		75	30 - 150
Acetophenone	33.3	30.46		ug/L		91	27 - 119
Anthracene	33.3	33.10		ug/L		99	31 - 150
Atrazine	33.3	30.10		ug/L		90	10 - 150
Benzaldehyde	33.3	26.06		ug/L		78	10 - 150
Benzo[a]anthracene	33.3	28.77		ug/L		86	36 - 150
Benzo[a]pyrene	33.3	30.86		ug/L		93	29 - 150
Benzo[b]fluoranthene	33.3	30.03		ug/L		90	32 - 150
Benzo[g,h,i]perylene	33.3	32.00		ug/L		96	28 - 150
Benzo[k]fluoranthene	33.3	30.60		ug/L		92	30 - 150
bis (2-chloroisopropyl) ether	33.3	29.05		ug/L		87	32 - 115
Bis(2-chloroethoxy)methane	33.3	30.99		ug/L		93	34 - 120
Bis(2-chloroethyl)ether	33.3	30.86		ug/L		93	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	29.74		ug/L		89	24 - 133
Butyl benzyl phthalate	33.3	32.11		ug/L		96	24 - 140
Caprolactam	33.3	43.38		ug/L		130	10 - 150
Carbazole	33.3	34.14		ug/L		102	28 - 123
Chrysene	33.3	28.84		ug/L		87	34 - 150
Dibenz(a,h)anthracene	33.3	30.61		ug/L		92	29 - 150
Dibenzofuran	33.3	28.87		ug/L		87	35 - 110
Diethyl phthalate	33.3	20.71		ug/L		62	31 - 118
Dimethyl phthalate	33.3	20.13		ug/L		60	24 - 125
Di-n-butyl phthalate	33.3	30.07		ug/L		90	30 - 127
Di-n-octyl phthalate	33.3	32.39		ug/L		97	28 - 142
Fluoranthene	33.3	34.51		ug/L		104	30 - 150
Fluorene	33.3	27.83		ug/L		83	30 - 150
Hexachlorobenzene	33.3	32.77		ug/L		98	29 - 113
Hexachlorobutadiene	33.3	6.615	J	ug/L		20	10 - 117
Hexachlorocyclopentadiene	33.3	6.106	J	ug/L		18	10 - 150
Hexachloroethane	33.3	9.204	J	ug/L		28	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	28.28		ug/L		85	28 - 150
Isophorone	33.3	31.37		ug/L		94	29 - 125
Naphthalene	33.3	21.73		ug/L		65	27 - 150
Nitrobenzene	33.3	40.10		ug/L		120	29 - 129
N-Nitrosodi-n-propylamine	33.3	28.69		ug/L		86	50 - 134
N-Nitrosodiphenylamine	33.1	30.99		ug/L		94	50 - 132
Pentachlorophenol	66.7	84.52		ug/L		127	14 - 150
Phenanthrene	33.3	31.87		ug/L		96	32 - 150
Phenol	33.3	30.46		ug/L		91	10 - 150
Pyrene	33.3	33.66		ug/L		101	30 - 150

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

Lab Sample ID: LCS 400-729456/2-A
Matrix: Water
Analysis Batch: 729583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729456

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*115*		*10 - 150*
2-Fluorobiphenyl (Surr)	*98*		*25 - 139*
2-Fluorophenol (Surr)	*93*		*10 - 150*
Nitrobenzene-d5 (Surr)	*140*		*22 - 150*
Phenol-d5 (Surr)	*96*		*10 - 150*
Terphenyl-d14 (Surr)	*87*		*28 - 150*

Lab Sample ID: LCSD 400-729456/3-A
Matrix: Water
Analysis Batch: 729583

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729456

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	24.07		ug/L		72	27 - 120	7	40
2,4,5-Trichlorophenol			33.3	29.17		ug/L		88	27 - 136	5	40
2,4,6-Trichlorophenol			33.3	29.73		ug/L		89	21 - 132	1	40
2,4-Dichlorophenol			33.3	29.67		ug/L		89	30 - 125	4	40
2,4-Dimethylphenol			33.3	26.77		ug/L		80	10 - 142	1	40
2,4-Dinitrophenol			66.7	85.03		ug/L		128	10 - 150	0	40
2,4-Dinitrotoluene			33.3	44.00	*+	ug/L		132	30 - 129	2	40
2,6-Dinitrotoluene			33.3	51.19	*+	ug/L		154	34 - 132	3	40
2-Chloronaphthalene			33.3	23.34		ug/L		70	10 - 150	7	40
2-Chlorophenol			33.3	29.58		ug/L		89	28 - 127	5	40
2-Methylnaphthalene			33.3	21.19		ug/L		64	24 - 150	4	40
2-Methylphenol			33.3	33.00		ug/L		99	11 - 121	5	40
2-Nitroaniline			33.3	54.34	*+	ug/L		163	31 - 141	3	40
2-Nitrophenol			33.3	61.75	*+	ug/L		185	31 - 142	1	40
3 & 4 Methylphenol			33.3	31.33		ug/L		94	10 - 150	5	40
3,3'-Dichlorobenzidine			66.7	39.05		ug/L		59	10 - 150	11	40
3-Nitroaniline			33.3	47.39	*+	ug/L		142	33 - 136	3	40
4,6-Dinitro-2-methylphenol			66.7	111.3	*+	ug/L		167	10 - 150	5	40
4-Bromophenyl phenyl ether			33.3	30.11		ug/L		90	24 - 120	3	40
4-Chloro-3-methylphenol			33.3	30.64		ug/L		92	10 - 137	4	40
4-Chloroaniline			33.3	34.58		ug/L		104	10 - 150	5	40
4-Chlorophenyl phenyl ether			33.3	30.60		ug/L		92	31 - 110	4	40
4-Nitroaniline			33.3	50.27	*+	ug/L		151	37 - 139	3	40
4-Nitrophenol			66.7	85.20		ug/L		128	10 - 150	5	40
Acenaphthene			33.3	26.65		ug/L		80	29 - 150	6	40
Acenaphthylene			33.3	26.00		ug/L		78	30 - 150	4	40
Acetophenone			33.3	28.97		ug/L		87	27 - 119	5	40
Anthracene			33.3	32.26		ug/L		97	31 - 150	3	40
Atrazine			33.3	28.89		ug/L		87	10 - 150	4	40
Benzaldehyde			33.3	25.18		ug/L		76	10 - 150	3	40
Benzo[a]anthracene			33.3	28.96		ug/L		87	36 - 150	1	40
Benzo[a]pyrene			33.3	30.99		ug/L		93	29 - 150	0	40
Benzo[b]fluoranthene			33.3	29.99		ug/L		90	32 - 150	0	40
Benzo[g,h,i]perylene			33.3	32.35		ug/L		97	28 - 150	1	40
Benzo[k]fluoranthene			33.3	30.98		ug/L		93	30 - 150	1	40
bis (2-chloroisopropyl) ether			33.3	27.97		ug/L		84	32 - 115	4	40

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

Lab Sample ID: LCSD 400-729456/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 729583
Prep Batch: 729456

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	33.3	30.91		ug/L		93	34 - 120	0	40
Bis(2-chloroethyl)ether	33.3	29.70		ug/L		89	32 - 114	4	40
Bis(2-ethylhexyl) phthalate	33.3	29.79		ug/L		89	24 - 133	0	40
Butyl benzyl phthalate	33.3	30.56		ug/L		92	24 - 140	5	40
Caprolactam	33.3	42.61		ug/L		128	10 - 150	2	40
Carbazole	33.3	33.10		ug/L		99	28 - 123	3	40
Chrysene	33.3	29.56		ug/L		89	34 - 150	2	40
Dibenz(a,h)anthracene	33.3	30.85		ug/L		93	29 - 150	1	40
Dibenzofuran	33.3	30.19		ug/L		91	35 - 110	4	40
Diethyl phthalate	33.3	20.54		ug/L		62	31 - 118	1	40
Dimethyl phthalate	33.3	19.76		ug/L		59	24 - 125	2	40
Di-n-butyl phthalate	33.3	27.93		ug/L		84	30 - 127	7	40
Di-n-octyl phthalate	33.3	32.59		ug/L		98	28 - 142	1	40
Fluoranthene	33.3	33.32		ug/L		100	30 - 150	3	40
Fluorene	33.3	28.68		ug/L		86	30 - 150	3	40
Hexachlorobenzene	33.3	32.74		ug/L		98	29 - 113	0	40
Hexachlorobutadiene	33.3	6.262	J	ug/L		19	10 - 117	5	40
Hexachlorocyclopentadiene	33.3	6.929	J	ug/L		21	10 - 150	13	40
Hexachloroethane	33.3	8.023	J	ug/L		24	10 - 112	14	40
Indeno[1,2,3-cd]pyrene	33.3	28.13		ug/L		84	28 - 150	1	40
Isophorone	33.3	30.01		ug/L		90	29 - 125	4	40
Naphthalene	33.3	21.92		ug/L		66	27 - 150	1	40
Nitrobenzene	33.3	38.48		ug/L		115	29 - 129	4	40
N-Nitrosodi-n-propylamine	33.3	27.66		ug/L		83	50 - 134	4	40
N-Nitrosodiphenylamine	33.1	31.48		ug/L		95	50 - 132	2	40
Pentachlorophenol	66.7	79.10		ug/L		119	14 - 150	7	40
Phenanthrene	33.3	32.15		ug/L		96	32 - 150	1	40
Phenol	33.3	29.46		ug/L		88	10 - 150	3	40
Pyrene	33.3	32.86		ug/L		99	30 - 150	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 150*
2-Fluorobiphenyl (Surr)	*96*		*25 - 139*
2-Fluorophenol (Surr)	*88*		*10 - 150*
Nitrobenzene-d5 (Surr)	*130*		*22 - 150*
Phenol-d5 (Surr)	*93*		*10 - 150*
Terphenyl-d14 (Surr)	*82*		*28 - 150*

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

Lab Sample ID: MB 400-729500/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 729647
Prep Batch: 729500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/05/25 15:10	11/06/25 14:31	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*11/05/25 15:10*	*11/06/25 14:31*	*1*

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

Lab Sample ID: LCS 400-729500/2-A
Matrix: Water
Analysis Batch: 729647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729500

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	16.77		ug/L		105	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*25*		*10 - 140*

Lab Sample ID: LCSD 400-729500/3-A
Matrix: Water
Analysis Batch: 729647

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729500

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.70		ug/L		111	30 - 150	5	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*27*		*10 - 140*

Lab Sample ID: MB 400-729505/1-A
Matrix: Water
Analysis Batch: 729760

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/05/25 15:18	11/07/25 17:43	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/05/25 15:18*	*11/07/25 17:43*	*1*

Lab Sample ID: LCS 400-729505/2-A
Matrix: Water
Analysis Batch: 729760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729505

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	19.49		ug/L		122	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*26*		*10 - 140*

Lab Sample ID: LCSD 400-729505/3-A
Matrix: Water
Analysis Batch: 729760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729505

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	19.46		ug/L		122	30 - 150	0	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*27*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-93007/1-A
Matrix: Water
Analysis Batch: 94317

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 93007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 02:47	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 02:47	1
Barium	ND		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 02:47	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 02:47	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 02:47	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 02:47	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 02:47	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 02:47	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 02:47	1
Manganese	ND		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 02:47	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 02:47	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 02:47	1
Silver	0.2948	J	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 02:47	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 02:47	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 02:47	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 02:47	1

Lab Sample ID: LCS 705-93007/2-A
Matrix: Water
Analysis Batch: 94317

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 93007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	96.71		ug/L		97	80 - 120
Arsenic	100	101.3		ug/L		101	80 - 120
Barium	100	98.88		ug/L		99	80 - 120
Beryllium	100	107.7		ug/L		108	80 - 120
Cadmium	100	98.76		ug/L		99	80 - 120
Chromium	100	101.0		ug/L		101	80 - 120
Cobalt	100	104.5		ug/L		105	80 - 120
Copper	100	105.9		ug/L		106	80 - 120
Lead	100	105.6		ug/L		106	80 - 120
Manganese	100	96.62		ug/L		97	80 - 120
Nickel	100	102.9		ug/L		103	80 - 120
Selenium	100	101.6		ug/L		102	80 - 120
Silver	10.0	11.23		ug/L		112	80 - 120
Thallium	100	105.9		ug/L		106	80 - 120
Vanadium	100	100.9		ug/L		101	80 - 120
Zinc	100	104.8		ug/L		105	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-94239/1-A
Matrix: Water
Analysis Batch: 94547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 15:23	1

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

Lab Sample ID: LCS 705-94239/2-A
Matrix: Water
Analysis Batch: 94547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94239

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			4.00	3.662		ug/L		92	80 - 120		

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

Lab Sample ID: MB 680-886996/13
Matrix: Water
Analysis Batch: 886996

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			11/04/25 15:40	1

Lab Sample ID: LCS 680-886996/14
Matrix: Water
Analysis Batch: 886996

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	1.002		mg/L		100	90 - 110		

Lab Sample ID: 752-38798-1 MS
Matrix: Water
Analysis Batch: 886996

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND		1.00	0.9884		mg/L		99	90 - 110		

Lab Sample ID: 752-38798-1 MSD
Matrix: Water
Analysis Batch: 886996

Client Sample ID: 824-MW-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	ND		1.00	0.9680		mg/L		97	90 - 110	2	30

Lab Sample ID: MB 680-887022/13
Matrix: Water
Analysis Batch: 887022

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			11/05/25 09:32	1

Lab Sample ID: LCS 680-887022/14
Matrix: Water
Analysis Batch: 887022

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	1.022		mg/L		102	90 - 110		

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

Lab Sample ID: 752-38798-6 MS
Matrix: Water
Analysis Batch: 887022

Client Sample ID: 824-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND	F1	1.00	0.7770	F1	mg/L		78	90 - 110

Lab Sample ID: 752-38798-6 MSD
Matrix: Water
Analysis Batch: 887022

Client Sample ID: 824-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND	F1	1.00	0.8567	F1	mg/L		86	90 - 110	10	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14076/10
Matrix: Water
Analysis Batch: 14076

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			11/06/25 15:45	1

Lab Sample ID: LCS 752-14076/13
Matrix: Water
Analysis Batch: 14076

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	0.9070		mg/L		91	90 - 110

Lab Sample ID: LCSD 752-14076/47
Matrix: Water
Analysis Batch: 14076

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	1.00	0.9035		mg/L		90	90 - 110	0	10

Lab Sample ID: 752-38798-3 MS
Matrix: Water
Analysis Batch: 14076

Client Sample ID: 824-MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND	H H3	1.00	1.037		mg/L		104	90 - 110

Lab Sample ID: 752-38798-3 MSD
Matrix: Water
Analysis Batch: 14076

Client Sample ID: 824-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
Nitrite as N	ND	H H3	1.00	1.048		mg/L		105	90 - 110	1	10

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

Lab Sample ID: MB 680-887030/14
Matrix: Water
Analysis Batch: 887030

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			11/05/25 11:21	1

Lab Sample ID: LCS 680-887030/15
Matrix: Water
Analysis Batch: 887030

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	1.033		mg/L		103	90 - 110

Lab Sample ID: 752-38798-1 MS
Matrix: Water
Analysis Batch: 887030

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.652	F1	1.00	1.445	F1	mg/L		79	90 - 110

Lab Sample ID: 752-38798-1 MSD
Matrix: Water
Analysis Batch: 887030

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.652	F1	1.00	1.379	F1	mg/L		73	90 - 110	5	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-729791/50
Matrix: Water
Analysis Batch: 729791

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			11/07/25 12:31	1

Lab Sample ID: LCS 400-729791/53
Matrix: Water
Analysis Batch: 729791

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	16.17		mg/L		108	90 - 110

Lab Sample ID: MRL 400-729791/52
Matrix: Water
Analysis Batch: 729791

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	4.421	J	mg/L		88	50 - 150

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

Job ID: 752-38798-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 752-38798-1 MS
Matrix: Water
Analysis Batch: 729791

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	22.0	F1 F2	10.0	54.87	F1	mg/L		329	77 - 128		

Lab Sample ID: 752-38798-1 MSD
Matrix: Water
Analysis Batch: 729791

Client Sample ID: 824-MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	22.0	F1 F2	10.0	31.67	F2	mg/L		97	77 - 128	54	5

GC/MS VOA

Analysis Batch: 729745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	8260D	
752-38798-2	824-MW-6	Total/NA	Water	8260D	
752-38798-3	824-MW-7	Total/NA	Water	8260D	
752-38798-4	824-MW-8	Total/NA	Water	8260D	
752-38798-5	824-MW-1	Total/NA	Water	8260D	
752-38798-6	824-MW-3	Total/NA	Water	8260D	
752-38798-7	824-MW-2	Total/NA	Water	8260D	
752-38798-8	824-MW-4	Total/NA	Water	8260D	
752-38798-9	824-MW-9	Total/NA	Water	8260D	
752-38798-10	824-MW-Dup-1	Total/NA	Water	8260D	
752-38798-11	Trip Blank	Total/NA	Water	8260D	
MB 400-729745/5	Method Blank	Total/NA	Water	8260D	
LCS 400-729745/1002	Lab Control Sample	Total/NA	Water	8260D	
752-38798-1 MS	824-MW-5	Total/NA	Water	8260D	
752-38798-1 MSD	824-MW-5	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	3511	
752-38798-2	824-MW-6	Total/NA	Water	3511	
752-38798-3	824-MW-7	Total/NA	Water	3511	
752-38798-4	824-MW-8	Total/NA	Water	3511	
752-38798-5	824-MW-1	Total/NA	Water	3511	
752-38798-6	824-MW-3	Total/NA	Water	3511	
752-38798-7	824-MW-2	Total/NA	Water	3511	
752-38798-8	824-MW-4	Total/NA	Water	3511	
752-38798-9	824-MW-9	Total/NA	Water	3511	
752-38798-10	824-MW-Dup-1	Total/NA	Water	3511	
MB 400-729456/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729456/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-729456/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 729500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	3510C	
752-38798-2	824-MW-6	Total/NA	Water	3510C	
752-38798-3	824-MW-7	Total/NA	Water	3510C	
752-38798-4	824-MW-8	Total/NA	Water	3510C	
752-38798-5	824-MW-1	Total/NA	Water	3510C	
752-38798-6	824-MW-3	Total/NA	Water	3510C	
MB 400-729500/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729500/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729500/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 729505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-7	824-MW-2	Total/NA	Water	3510C	
752-38798-8	824-MW-4	Total/NA	Water	3510C	
752-38798-9	824-MW-9	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 729505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-10	824-MW-Dup-1	Total/NA	Water	3510C	
MB 400-729505/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729505/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729505/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 729583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	8270E	729456
752-38798-2	824-MW-6	Total/NA	Water	8270E	729456
752-38798-3	824-MW-7	Total/NA	Water	8270E	729456
752-38798-4	824-MW-8	Total/NA	Water	8270E	729456
752-38798-5	824-MW-1	Total/NA	Water	8270E	729456
752-38798-6	824-MW-3	Total/NA	Water	8270E	729456
752-38798-7	824-MW-2	Total/NA	Water	8270E	729456
MB 400-729456/1-A	Method Blank	Total/NA	Water	8270E	729456
LCS 400-729456/2-A	Lab Control Sample	Total/NA	Water	8270E	729456
LCSD 400-729456/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	729456

Analysis Batch: 729647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	8270E SIM ID	729500
752-38798-2	824-MW-6	Total/NA	Water	8270E SIM ID	729500
752-38798-3	824-MW-7	Total/NA	Water	8270E SIM ID	729500
752-38798-4	824-MW-8	Total/NA	Water	8270E SIM ID	729500
752-38798-5	824-MW-1	Total/NA	Water	8270E SIM ID	729500
752-38798-6	824-MW-3	Total/NA	Water	8270E SIM ID	729500
MB 400-729500/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729500
LCS 400-729500/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729500
LCSD 400-729500/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729500

Analysis Batch: 729760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-7	824-MW-2	Total/NA	Water	8270E SIM ID	729505
752-38798-8	824-MW-4	Total/NA	Water	8270E SIM ID	729505
752-38798-9	824-MW-9	Total/NA	Water	8270E SIM ID	729505
752-38798-10	824-MW-Dup-1	Total/NA	Water	8270E SIM ID	729505
MB 400-729505/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729505
LCS 400-729505/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729505
LCSD 400-729505/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729505

Analysis Batch: 729762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-8	824-MW-4	Total/NA	Water	8270E	729456
752-38798-9	824-MW-9	Total/NA	Water	8270E	729456
752-38798-10	824-MW-Dup-1	Total/NA	Water	8270E	729456

Metals

Prep Batch: 93007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 93007 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-2	824-MW-6	Total Recoverable	Water	3005A	
752-38798-3	824-MW-7	Total Recoverable	Water	3005A	
752-38798-4	824-MW-8	Total Recoverable	Water	3005A	
752-38798-5	824-MW-1	Total Recoverable	Water	3005A	
752-38798-6	824-MW-3	Total Recoverable	Water	3005A	
752-38798-7	824-MW-2	Total Recoverable	Water	3005A	
752-38798-8	824-MW-4	Total Recoverable	Water	3005A	
752-38798-9	824-MW-9	Total Recoverable	Water	3005A	
752-38798-10	824-MW-Dup-1	Total Recoverable	Water	3005A	
MB 705-93007/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-93007/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 94239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	7470A	
752-38798-2	824-MW-6	Total/NA	Water	7470A	
752-38798-3	824-MW-7	Total/NA	Water	7470A	
752-38798-4	824-MW-8	Total/NA	Water	7470A	
752-38798-5	824-MW-1	Total/NA	Water	7470A	
752-38798-6	824-MW-3	Total/NA	Water	7470A	
752-38798-7	824-MW-2	Total/NA	Water	7470A	
752-38798-8	824-MW-4	Total/NA	Water	7470A	
752-38798-9	824-MW-9	Total/NA	Water	7470A	
752-38798-10	824-MW-Dup-1	Total/NA	Water	7470A	
MB 705-94239/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-94239/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 94317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total Recoverable	Water	6020B	93007
752-38798-2	824-MW-6	Total Recoverable	Water	6020B	93007
752-38798-3	824-MW-7	Total Recoverable	Water	6020B	93007
752-38798-4	824-MW-8	Total Recoverable	Water	6020B	93007
752-38798-5	824-MW-1	Total Recoverable	Water	6020B	93007
752-38798-6	824-MW-3	Total Recoverable	Water	6020B	93007
752-38798-7	824-MW-2	Total Recoverable	Water	6020B	93007
752-38798-8	824-MW-4	Total Recoverable	Water	6020B	93007
752-38798-9	824-MW-9	Total Recoverable	Water	6020B	93007
752-38798-10	824-MW-Dup-1	Total Recoverable	Water	6020B	93007
MB 705-93007/1-A	Method Blank	Total Recoverable	Water	6020B	93007
LCS 705-93007/2-A	Lab Control Sample	Total Recoverable	Water	6020B	93007

Analysis Batch: 94547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	7470A	94239
752-38798-2	824-MW-6	Total/NA	Water	7470A	94239
752-38798-3	824-MW-7	Total/NA	Water	7470A	94239
752-38798-4	824-MW-8	Total/NA	Water	7470A	94239
752-38798-5	824-MW-1	Total/NA	Water	7470A	94239
752-38798-6	824-MW-3	Total/NA	Water	7470A	94239
752-38798-7	824-MW-2	Total/NA	Water	7470A	94239

Metals (Continued)

Analysis Batch: 94547 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-8	824-MW-4	Total/NA	Water	7470A	94239
752-38798-9	824-MW-9	Total/NA	Water	7470A	94239
752-38798-10	824-MW-Dup-1	Total/NA	Water	7470A	94239
MB 705-94239/1-A	Method Blank	Total/NA	Water	7470A	94239
LCS 705-94239/2-A	Lab Control Sample	Total/NA	Water	7470A	94239

General Chemistry

Analysis Batch: 14076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	353.2	
752-38798-2	824-MW-6	Total/NA	Water	353.2	
752-38798-3	824-MW-7	Total/NA	Water	353.2	
752-38798-4	824-MW-8	Total/NA	Water	353.2	
752-38798-5	824-MW-1	Total/NA	Water	353.2	
752-38798-6	824-MW-3	Total/NA	Water	353.2	
752-38798-7	824-MW-2	Total/NA	Water	353.2	
752-38798-8	824-MW-4	Total/NA	Water	353.2	
752-38798-9	824-MW-9	Total/NA	Water	353.2	
752-38798-10	824-MW-Dup-1	Total/NA	Water	353.2	
MB 752-14076/10	Method Blank	Total/NA	Water	353.2	
LCS 752-14076/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14076/47	Lab Control Sample Dup	Total/NA	Water	353.2	
752-38798-3 MS	824-MW-7	Total/NA	Water	353.2	
752-38798-3 MSD	824-MW-7	Total/NA	Water	353.2	

Analysis Batch: 729791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	SM 4500 SO4 E	
752-38798-2	824-MW-6	Total/NA	Water	SM 4500 SO4 E	
752-38798-3	824-MW-7	Total/NA	Water	SM 4500 SO4 E	
752-38798-4	824-MW-8	Total/NA	Water	SM 4500 SO4 E	
752-38798-5	824-MW-1	Total/NA	Water	SM 4500 SO4 E	
752-38798-6	824-MW-3	Total/NA	Water	SM 4500 SO4 E	
752-38798-7	824-MW-2	Total/NA	Water	SM 4500 SO4 E	
752-38798-8	824-MW-4	Total/NA	Water	SM 4500 SO4 E	
752-38798-9	824-MW-9	Total/NA	Water	SM 4500 SO4 E	
752-38798-10	824-MW-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-729791/50	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-729791/53	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-729791/52	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-38798-1 MS	824-MW-5	Total/NA	Water	SM 4500 SO4 E	
752-38798-1 MSD	824-MW-5	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 886995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	Nitrate by calc	
752-38798-2	824-MW-6	Total/NA	Water	Nitrate by calc	
752-38798-3	824-MW-7	Total/NA	Water	Nitrate by calc	
752-38798-4	824-MW-8	Total/NA	Water	Nitrate by calc	
752-38798-5	824-MW-1	Total/NA	Water	Nitrate by calc	

General Chemistry (Continued)

Analysis Batch: 886995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-6	824-MW-3	Total/NA	Water	Nitrate by calc	
752-38798-7	824-MW-2	Total/NA	Water	Nitrate by calc	
752-38798-8	824-MW-4	Total/NA	Water	Nitrate by calc	
752-38798-9	824-MW-9	Total/NA	Water	Nitrate by calc	
752-38798-10	824-MW-Dup-1	Total/NA	Water	Nitrate by calc	

Analysis Batch: 886996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	350.1-1993 R2.0	
752-38798-2	824-MW-6	Total/NA	Water	350.1-1993 R2.0	
752-38798-3	824-MW-7	Total/NA	Water	350.1-1993 R2.0	
752-38798-4	824-MW-8	Total/NA	Water	350.1-1993 R2.0	
752-38798-5	824-MW-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-886996/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-886996/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-38798-1 MS	824-MW-5	Total/NA	Water	350.1-1993 R2.0	
752-38798-1 MSD	824-MW-5	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-6	824-MW-3	Total/NA	Water	350.1-1993 R2.0	
752-38798-7	824-MW-2	Total/NA	Water	350.1-1993 R2.0	
752-38798-8	824-MW-4	Total/NA	Water	350.1-1993 R2.0	
752-38798-9	824-MW-9	Total/NA	Water	350.1-1993 R2.0	
752-38798-10	824-MW-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887022/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887022/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-38798-6 MS	824-MW-3	Total/NA	Water	350.1-1993 R2.0	
752-38798-6 MSD	824-MW-3	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38798-1	824-MW-5	Total/NA	Water	353.2-1993 R2.0	
752-38798-2	824-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-38798-3	824-MW-7	Total/NA	Water	353.2-1993 R2.0	
752-38798-4	824-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-38798-5	824-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-38798-6	824-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-38798-7	824-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-38798-8	824-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-38798-9	824-MW-9	Total/NA	Water	353.2-1993 R2.0	
752-38798-10	824-MW-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887030/14	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887030/15	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-38798-1 MS	824-MW-5	Total/NA	Water	353.2-1993 R2.0	
752-38798-1 MSD	824-MW-5	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-5

Lab Sample ID: 752-38798-1

Date Collected: 10/31/25 11:40

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 16:27
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 20:02
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 20:58
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:45
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:10
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 15:48
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 15:59
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:35
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 14:03

Client Sample ID: 824-MW-6

Lab Sample ID: 752-38798-2

Date Collected: 10/31/25 14:00

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 18:14
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 20:36
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 21:19
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:48
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:14
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 15:56
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:00
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:41
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:54

Client Sample ID: 824-MW-7

Lab Sample ID: 752-38798-3

Date Collected: 10/31/25 15:45

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 18:41
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 21:09

Client Sample ID: 824-MW-7
Lab Sample ID: 752-38798-3

Date Collected: 10/31/25 15:45
Matrix: Water
Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 21:41
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:51
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:18
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 15:59
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:02
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:42
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:54

Client Sample ID: 824-MW-8
Lab Sample ID: 752-38798-4

Date Collected: 10/31/25 16:55
Matrix: Water
Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 19:08
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 21:42
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 22:02
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:53
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:22
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:02
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:05
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:44
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:55

Client Sample ID: 824-MW-1
Lab Sample ID: 752-38798-5

Date Collected: 10/31/25 10:55
Matrix: Water
Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 19:34
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 22:15
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 19:32
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:56

Lab Chronicle

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-1

Lab Sample ID: 752-38798-5

Date Collected: 10/31/25 10:55
Matrix: Water
Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:37
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:04
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:06
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:46
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:55

Client Sample ID: 824-MW-3

Lab Sample ID: 752-38798-6

Date Collected: 10/31/25 11:55
Matrix: Water
Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 20:01
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 22:47
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 19:54
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 04:32
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:41
Total/NA	Analysis	350.1-1993 R2.0		1	887022	DJ	EET SAV	11/05/25 10:17
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:07
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:48
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:56

Client Sample ID: 824-MW-2

Lab Sample ID: 752-38798-7

Date Collected: 10/31/25 14:05
Matrix: Water
Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 20:28
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 23:20
Total/NA	Prep	3510C			729505	AMM	EET PEN	11/05/25 15:18
Total/NA	Analysis	8270E SIM ID		1	729760	VC1	EET PEN	11/07/25 18:49
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 04:35
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:45
Total/NA	Analysis	350.1-1993 R2.0		1	887022	DJ	EET SAV	11/05/25 10:25

Lab Chronicle

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-2

Lab Sample ID: 752-38798-7

Date Collected: 10/31/25 14:05

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:08
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:53
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:56

Client Sample ID: 824-MW-4

Lab Sample ID: 752-38798-8

Date Collected: 10/31/25 15:30

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 20:55
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729762	JAW	EET PEN	11/07/25 17:08
Total/NA	Prep	3510C			729505	AMM	EET PEN	11/05/25 15:18
Total/NA	Analysis	8270E SIM ID		1	729760	VC1	EET PEN	11/07/25 19:10
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 04:38
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:49
Total/NA	Analysis	350.1-1993 R2.0		1	887022	DJ	EET SAV	11/05/25 10:28
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:08
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:55
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:57

Client Sample ID: 824-MW-9

Lab Sample ID: 752-38798-9

Date Collected: 10/31/25 16:30

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 21:22
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729762	JAW	EET PEN	11/07/25 17:42
Total/NA	Prep	3510C			729505	AMM	EET PEN	11/05/25 15:18
Total/NA	Analysis	8270E SIM ID		1	729760	VC1	EET PEN	11/07/25 19:32
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 04:40
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:53
Total/NA	Analysis	350.1-1993 R2.0		1	887022	DJ	EET SAV	11/05/25 10:31
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:09
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:57
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31

Lab Chronicle

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

Job ID: 752-38798-1

Client Sample ID: 824-MW-9

Lab Sample ID: 752-38798-9

Date Collected: 10/31/25 16:30

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:57

Client Sample ID: 824-MW-Dup-1

Lab Sample ID: 752-38798-10

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 21:49
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729762	JAW	EET PEN	11/07/25 18:17
Total/NA	Prep	3510C			729505	AMM	EET PEN	11/05/25 15:18
Total/NA	Analysis	8270E SIM ID		1	729760	VC1	EET PEN	11/07/25 19:54
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 04:43
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:57
Total/NA	Analysis	350.1-1993 R2.0		1	887022	DJ	EET SAV	11/05/25 10:33
Total/NA	Analysis	353.2		1	14076	CB	EET RAL	11/06/25 16:10
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 11:59
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:31
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:58

Client Sample ID: Trip Blank

Lab Sample ID: 752-38798-11

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 22:15

Laboratory References:

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

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

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38798-1
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

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Job ID: 752-38798-1
Project/Site: Walltown Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

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

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 752-38798-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38798-1	824-MW-5	Water	10/31/25 11:40	11/03/25 14:15	North Carolina
752-38798-2	824-MW-6	Water	10/31/25 14:00	11/03/25 14:15	North Carolina
752-38798-3	824-MW-7	Water	10/31/25 15:45	11/03/25 14:15	North Carolina
752-38798-4	824-MW-8	Water	10/31/25 16:55	11/03/25 14:15	North Carolina
752-38798-5	824-MW-1	Water	10/31/25 10:55	11/03/25 14:15	North Carolina
752-38798-6	824-MW-3	Water	10/31/25 11:55	11/03/25 14:15	North Carolina
752-38798-7	824-MW-2	Water	10/31/25 14:05	11/03/25 14:15	North Carolina
752-38798-8	824-MW-4	Water	10/31/25 15:30	11/03/25 14:15	North Carolina
752-38798-9	824-MW-9	Water	10/31/25 16:30	11/03/25 14:15	North Carolina
752-38798-10	824-MW-Dup-1	Water	10/31/25 00:00	11/03/25 14:15	North Carolina
752-38798-11	Trip Blank	Water	10/31/25 00:00	11/03/25 14:15	North Carolina

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Brandon Govarne	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170286-59891.1
Client Contact: Jerry Paul	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BL			
Email: jpaul@smeinc.com	WO #:			
Project Name: Walltown Park	Project #: 68026680			
Site: Walltown Park	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-38798 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N		
824-MW-5	10/31/25	1140	G	W	N	N	X	X	X	X	X	X	X		48 hour HOLD
824-MW-6		1400													One of the unpreserved samples is in a ~~250~~ 150mL container instead of 250mL. Confirmed OK with Brent first.
824-MW-7		1545													
824-MW-8		1655													
824-MW-1		1055													
824-MW-3		1155													
824-MW-2		1405													
824-MW-4		1530													
824-MW-9		1630													
~~824-MW-DUP-1~~ 824-MW-DUP-1															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: ~~11/3/25 17~~	Company S&ME	Received by: DW	Date/Time: 11-3-25 14:15	Company
Relinquished by:	Date/Time: ↑ 11/3/25 1315	Company			Company
Relinquished by:	Date/Time:	Company			Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Initial Temperature: 3.6 °C
Correction Factor: -0.4°C
Corrected Temperature: 3.2 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7128.1
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 #: 752-38798-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/11/2025			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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DI/3510C_LVI1,4 Dioxane	SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
Preservation Code:												
824-MW-5 (752-38798-1)	10/31/25	11.40 Eastern	G	Water			X	X	X	X		
824-MW-6 (752-38798-2)	10/31/25	14.00 Eastern	G	Water			X	X	X	X		
824-MW-7 (752-38798-3)	10/31/25	15.45 Eastern	G	Water			X	X	X	X		
824-MW-8 (752-38798-4)	10/31/25	16:55 Eastern	G	Water			X	X	X	X		
824-MW-1 (752-38798-5)	10/31/25	10:55 Eastern	G	Water			X	X	X	X		
824-MW-3 (752-38798-6)	10/31/25	11 55 Eastern	G	Water			X	X	X	X		
824-MW-2 (752-38798-7)	10/31/25	14 05 Eastern	G	Water			X	X	X	X		
824-MW-4 (752-38798-8)	10/31/25	15.30 Eastern	G	Water			X	X	X	X		
824-MW-9 (752-38798-9)	10/31/25	16 30 Eastern	G	Water			X	X	X	X		

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

Possible Hazard Identification: 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	11/3/25 1530			11/04/25 933	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: 1.8°C/IR11 0.0°C/IR11 2.4°C/IR8 0.0°C IR8

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7128.2
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 #: 752-38798-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/11/2025			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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DS/3510C_LVI1,4 Dioxane	SM4500_SO4_E								Total Number of containers	Special Instructions/Note:
Preservation Codes:																			
824-MW-Dup-1 (752-38798-10)	10/31/25	Eastern	G	Water			X	X	X	X									
Trip Blank (752-38798-11)	10/31/25	11.40 Eastern	G	Water			X												

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Rachel Yonish	11/3/25 1530		MS	11/4/25 933	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: 1.8°C, 0.0°C, 0.0°C, IR6, 2.4°C, 0.0°C/IR8 IR11

Ver: 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7129.1
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 #: 752-38798-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/11/2025			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

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
Preservation Code:											
824-MW-5 (752-38798-1)	10/31/25	11:40 Eastern	G	Water			X	X	X	1	
824-MW-6 (752-38798-2)	10/31/25	14:00 Eastern	G	Water			X	X	X	1	
824-MW-7 (752-38798-3)	10/31/25	15:45 Eastern	G	Water			X	X	X	1	
824-MW-8 (752-38798-4)	10/31/25	16:55 Eastern	G	Water			X	X	X	1	
824-MW-1 (752-38798-5)	10/31/25	10:55 Eastern	G	Water			X	X	X	1	
824-MW-3 (752-38798-6)	10/31/25	11:55 Eastern	G	Water			X	X	X	1	
824-MW-2 (752-38798-7)	10/31/25	14:05 Eastern	G	Water			X	X	X	1	
824-MW-4 (752-38798-8)	10/31/25	15:30 Eastern	G	Water			X	X	X	1	
824-MW-9 (752-38798-9)	10/31/25	16:30 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: Rachel Yonish	Date/Time: 11/3/25 1830	Company	Received by:		Date/Time: 11/4/25 0955	Company
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.5

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: 752-7129.2
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 #: 752-38798-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/11/2025			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

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
824-MW-Dup-1 (752-38798-10)	10/31/25	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
Rachel Yonish	11/3/25 1530			11/4/25 0955	
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: 3.4/3.5

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: 752-7126.1
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 #: 752-38798-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 11/11/2025			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

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:							
824-MW-5 (752-38798-1)	10/31/25	11:40 Eastern	G	Water			X	X	1	
824-MW-6 (752-38798-2)	10/31/25	14:00 Eastern	G	Water			X	X	1	
824-MW-7 (752-38798-3)	10/31/25	15:45 Eastern	G	Water			X	X	1	
824-MW-8 (752-38798-4)	10/31/25	16:55 Eastern	G	Water			X	X	1	
824-MW-1 (752-38798-5)	10/31/25	10:55 Eastern	G	Water			X	X	1	
824-MW-3 (752-38798-6)	10/31/25	11:55 Eastern	G	Water			X	X	1	
824-MW-2 (752-38798-7)	10/31/25	14:05 Eastern	G	Water			X	X	1	
824-MW-4 (752-38798-8)	10/31/25	15:30 Eastern	G	Water			X	X	1	
824-MW-9 (752-38798-9)	10/31/25	16:30 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	11/3/25 1530		Taylor	11/04/25 1005	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: -0.9.5

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: 752-7126.2
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 #: 752-38798-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 11/11/2025			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:							
824-MW-Dup-1 (752-38798-10)	10/31/25	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	11/3/25 1530		Taylor	11/04/25 1005	
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: -8, -9, -5

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38798-1

Login Number: 38798

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.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	False	Refer to Job Narrative for details.
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: 752-38798-1

Login Number: 38798
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 11/04/25 12:42 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: 752-38798-1

Login Number: 38798
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 11/05/25 09:14 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8°C, 0.2°C IR11, 2.4°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	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38798-1

Login Number: 38798
List Number: 2
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 11/04/25 08:06 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/20/2025 7:36:14 AM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-38983-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
11/20/2025 7:36:14 AM

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

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 11
Surrogate Summary 49
Isotope Dilution Summary 50
QC Sample Results 51
QC Association Summary 72
Lab Chronicle 77
Certification Summary 82
Method Summary 83
Sample Summary 84
Chain of Custody 85
Receipt Checklists 90

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

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

Glossary

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

Job Narrative
752-38983-1

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 11/6/2025 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.9°C and 3.3°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730709 recovered outside control limits for the following analytes: Acetone, Bromomethane and n-Butylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: One of three internal standard responses was outside of acceptance limits for the following sample: SW-7 (752-38983-2). The only analyte quantitated with this internal standard is 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 laboratory control sample (LCS) for preparation batch 400-729865 and analytical batch 400-730057 recovered outside control limits for the following analyte: Caprolactam. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729868 and analytical batch 400-730060 recovered outside control limits for the following analyte: 2-Nitrophenol. 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.

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

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

Detection Summary

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

Job ID: 752-38983-1

Client Sample ID: SW-8 — Lab Sample ID: 752-38983-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	6.82	J	9.87	2.37	ug/L	1		8270E	Total/NA
Arsenic	0.569	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.479	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.56		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.129	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	31.3		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	37.0		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.23	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.504	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.689	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	55.7		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.293	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.293		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	40.0	F1	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-7 — Lab Sample ID: 752-38983-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	6.21	J	9.90	2.38	ug/L	1		8270E	Total/NA
Arsenic	0.607	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.456	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.55		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.131	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	31.0		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	32.1		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.15	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.496	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.776	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	58.0		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.292	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.292		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	37.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-6 — Lab Sample ID: 752-38983-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.313		0.287	0.287	ug/L	1		8270E SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SW-6 (Continued)

Lab Sample ID: 752-38983-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.0848	J	1.00	0.0370	ug/L	1		6020B	Total Recoverable
Arsenic	1.65	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	5.50		2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	23.4		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cadmium	0.278	J	2.00	0.245	ug/L	1		6020B	Total Recoverable
Cobalt	2.05		2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	73.5		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	148		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	6.23		4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	33.2		2.00	0.243	ug/L	1		6020B	Total Recoverable
Antimony	0.622	J	2.00	0.407	ug/L	1		6020B	Total Recoverable
Vanadium	6.75		2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	182		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.282		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.282		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	38.2		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-5

Lab Sample ID: 752-38983-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.353		0.278	0.278	ug/L	1		8270E SIM ID	Total/NA
Arsenic	0.458	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.431	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.95		2.00	0.643	ug/L	1		6020B	Total Recoverable
Barium	31.5		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	17.8		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.35	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.395	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.668	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	51.5		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.234		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.234		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	35.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-38983-1

Client Sample ID: SW-Dup — Lab Sample ID: 752-38983-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.350		0.289	0.289	ug/L	1		8270E SIM ID	Total/NA
Arsenic	0.523	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.572	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	4.37		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.103	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	34.6		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	19.7		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.51	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.412	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.741	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	57.5		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.255		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.255		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	36.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-4 — Lab Sample ID: 752-38983-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.380		0.289	0.289	ug/L	1		8270E SIM ID	Total/NA
Arsenic	0.576	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.860	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	5.76		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.243	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	37.5		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	27.6		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.73	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	1.89	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	1.11	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	67.0		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.269		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.269		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	34.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 752-38983-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.395		0.298	0.298	ug/L	1		8270E SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SW-3 (Continued) — Lab Sample ID: 752-38983-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.526	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.532	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	4.71		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.126	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	34.1		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	21.4		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.51	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.582	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.718	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	62.7		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.246		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.246		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	34.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 752-38983-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.471		0.292	0.292	ug/L	1		8270E SIM ID	Total/NA
Arsenic	0.541	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.547	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	4.72		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.115	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	36.8		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	25.2		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.52	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.477	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.740	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	68.6		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.317		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.317		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	34.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-1 — Lab Sample ID: 752-38983-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.442		0.295	0.295	ug/L	1		8270E SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-1 (Continued)

Lab Sample ID: 752-38983-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.473	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.618	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	4.84		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.200	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	35.9		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	38.3		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.55	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	1.31	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.812	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	67.7		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.336		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.336		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	34.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-38983-10

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-38983-1

Client Sample ID: SW-8

Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-1

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			11/15/25 21:33	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 21:33	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 21:33	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 21:33	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 21:33	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 21:33	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 21:33	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 21:33	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 21:33	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 21:33	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 21:33	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 21:33	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 21:33	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 21:33	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 21:33	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 21:33	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 21:33	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 21:33	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 21:33	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 21:33	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 21:33	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 21:33	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 21:33	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 21:33	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 21:33	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 21:33	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 21:33	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 21:33	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 21:33	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 21:33	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 21:33	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 21:33	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 21:33	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 21:33	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 21:33	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 21:33	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 21:33	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 21:33	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 21:33	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 21:33	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 21:33	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 21:33	1

Client Sample ID: SW-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-1
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			11/15/25 21:33	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 21:33	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 21:33	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 21:33	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 21:33	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 21:33	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 21:33	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 21:33	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 21:33	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 21:33	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 21:33	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 21:33	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 21:33	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 21:33	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 21:33	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 21:33	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 21:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 21:33	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 21:33	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 21:33	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 21:33	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 21:33	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*11/15/25 21:33*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*11/15/25 21:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/15/25 21:33*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 21:33*	*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		0.278	0.278	ug/L		11/12/25 13:01	11/13/25 15:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/12/25 13:01*	*11/13/25 15:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.87	0.414	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,4,5-Trichlorophenol	ND		9.87	0.533	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,4,6-Trichlorophenol	ND		9.87	1.08	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,4-Dichlorophenol	ND		9.87	0.563	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,4-Dimethylphenol	ND		9.87	0.237	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,4-Dinitrophenol	ND		29.6	4.62	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,4-Dinitrotoluene	ND		9.87	0.641	ug/L		11/09/25 14:00	11/11/25 16:10	1
2,6-Dinitrotoluene	ND		9.87	0.286	ug/L		11/09/25 14:00	11/11/25 16:10	1
2-Chloronaphthalene	ND		9.87	0.375	ug/L		11/09/25 14:00	11/11/25 16:10	1
2-Chlorophenol	ND		9.87	0.829	ug/L		11/09/25 14:00	11/11/25 16:10	1
2-Methylnaphthalene	ND		9.87	0.799	ug/L		11/09/25 14:00	11/11/25 16:10	1

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

Job ID: 752-38983-1

Client Sample ID: SW-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-1
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		9.87	0.750	ug/L		11/09/25 14:00	11/11/25 16:10	1
2-Nitroaniline	ND		9.87	1.35	ug/L		11/09/25 14:00	11/11/25 16:10	1
2-Nitrophenol	ND	*+	9.87	1.15	ug/L		11/09/25 14:00	11/11/25 16:10	1
3 & 4 Methylphenol	ND		19.7	4.54	ug/L		11/09/25 14:00	11/11/25 16:10	1
3,3'-Dichlorobenzidine	ND		10.9	0.405	ug/L		11/09/25 14:00	11/11/25 16:10	1
3-Nitroaniline	ND		9.87	0.938	ug/L		11/09/25 14:00	11/11/25 16:10	1
4,6-Dinitro-2-methylphenol	ND		9.87	1.94	ug/L		11/09/25 14:00	11/11/25 16:10	1
4-Bromophenyl phenyl ether	ND		9.87	0.128	ug/L		11/09/25 14:00	11/11/25 16:10	1
4-Chloro-3-methylphenol	ND		9.87	0.720	ug/L		11/09/25 14:00	11/11/25 16:10	1
4-Chloroaniline	ND		9.87	0.572	ug/L		11/09/25 14:00	11/11/25 16:10	1
4-Chlorophenyl phenyl ether	ND		9.87	0.237	ug/L		11/09/25 14:00	11/11/25 16:10	1
4-Nitroaniline	ND		9.87	3.45	ug/L		11/09/25 14:00	11/11/25 16:10	1
4-Nitrophenol	ND		9.87	2.70	ug/L		11/09/25 14:00	11/11/25 16:10	1
Acenaphthene	ND		9.87	0.622	ug/L		11/09/25 14:00	11/11/25 16:10	1
Acenaphthylene	ND		9.87	0.750	ug/L		11/09/25 14:00	11/11/25 16:10	1
Acetophenone	ND		9.87	3.16	ug/L		11/09/25 14:00	11/11/25 16:10	1
Anthracene	ND		9.87	0.898	ug/L		11/09/25 14:00	11/11/25 16:10	1
Atrazine	ND		9.87	1.12	ug/L		11/09/25 14:00	11/11/25 16:10	1
Benzaldehyde	ND		9.87	0.661	ug/L		11/09/25 14:00	11/11/25 16:10	1
Benzo[a]anthracene	ND		9.87	0.987	ug/L		11/09/25 14:00	11/11/25 16:10	1
Benzo[a]pyrene	ND		9.87	1.09	ug/L		11/09/25 14:00	11/11/25 16:10	1
Benzo[b]fluoranthene	ND		9.87	1.18	ug/L		11/09/25 14:00	11/11/25 16:10	1
Benzo[g,h,i]perylene	ND		9.87	1.48	ug/L		11/09/25 14:00	11/11/25 16:10	1
Benzo[k]fluoranthene	ND		9.87	1.48	ug/L		11/09/25 14:00	11/11/25 16:10	1
bis (2-chloroisopropyl) ether	ND		9.87	0.918	ug/L		11/09/25 14:00	11/11/25 16:10	1
Bis(2-chloroethoxy)methane	ND		9.87	0.336	ug/L		11/09/25 14:00	11/11/25 16:10	1
Bis(2-chloroethyl)ether	ND		9.87	0.720	ug/L		11/09/25 14:00	11/11/25 16:10	1
Bis(2-ethylhexyl) phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 16:10	1
Butyl benzyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 16:10	1
Caprolactam	**6.82**	**J**	9.87	2.37	ug/L		11/09/25 14:00	11/11/25 16:10	1
Carbazole	ND		9.87	0.316	ug/L		11/09/25 14:00	11/11/25 16:10	1
Chrysene	ND		9.87	1.18	ug/L		11/09/25 14:00	11/11/25 16:10	1
Dibenz(a,h)anthracene	ND		9.87	1.28	ug/L		11/09/25 14:00	11/11/25 16:10	1
Dibenzofuran	ND		9.87	0.632	ug/L		11/09/25 14:00	11/11/25 16:10	1
Diethyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 16:10	1
Dimethyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 16:10	1
Di-n-butyl phthalate	ND		9.87	8.08	ug/L		11/09/25 14:00	11/11/25 16:10	1
Di-n-octyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 16:10	1
Fluoranthene	ND		9.87	0.622	ug/L		11/09/25 14:00	11/11/25 16:10	1
Fluorene	ND		9.87	0.661	ug/L		11/09/25 14:00	11/11/25 16:10	1
Hexachlorobenzene	ND		9.87	0.247	ug/L		11/09/25 14:00	11/11/25 16:10	1
Hexachlorobutadiene	ND		9.87	0.543	ug/L		11/09/25 14:00	11/11/25 16:10	1
Hexachlorocyclopentadiene	ND		19.7	0.316	ug/L		11/09/25 14:00	11/11/25 16:10	1
Hexachloroethane	ND		9.87	0.523	ug/L		11/09/25 14:00	11/11/25 16:10	1
Indeno[1,2,3-cd]pyrene	ND		9.87	1.09	ug/L		11/09/25 14:00	11/11/25 16:10	1
Isophorone	ND		9.87	0.789	ug/L		11/09/25 14:00	11/11/25 16:10	1
Naphthalene	ND		9.87	0.740	ug/L		11/09/25 14:00	11/11/25 16:10	1
Nitrobenzene	ND		9.87	0.592	ug/L		11/09/25 14:00	11/11/25 16:10	1
N-Nitrosodi-n-propylamine	ND		9.87	0.326	ug/L		11/09/25 14:00	11/11/25 16:10	1

Client Sample ID: SW-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-1
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		9.87	0.188	ug/L		11/09/25 14:00	11/11/25 16:10	1
Pentachlorophenol	ND		9.87	2.76	ug/L		11/09/25 14:00	11/11/25 16:10	1
Phenanthrene	ND		9.87	0.730	ug/L		11/09/25 14:00	11/11/25 16:10	1
Phenol	ND		9.87	0.671	ug/L		11/09/25 14:00	11/11/25 16:10	1
Pyrene	ND		9.87	0.622	ug/L		11/09/25 14:00	11/11/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 150*	*11/09/25 14:00*	*11/11/25 16:10*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*11/09/25 14:00*	*11/11/25 16:10*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*11/09/25 14:00*	*11/11/25 16:10*	*1*
Nitrobenzene-d5 (Surr)	*107*		*22 - 150*	*11/09/25 14:00*	*11/11/25 16:10*	*1*
Phenol-d5 (Surr)	*61*		*10 - 150*	*11/09/25 14:00*	*11/11/25 16:10*	*1*
Terphenyl-d14 (Surr)	*55*		*28 - 150*	*11/09/25 14:00*	*11/11/25 16:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 12:16	1
Arsenic	**0.569**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 12:16	1
Chromium	**0.479**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 12:16	1
Copper	**3.56**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 12:16	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 12:16	1
Cobalt	**0.129**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 12:16	1
Barium	**31.3**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 12:16	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 12:16	1
Manganese	**37.0**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 12:16	1
Nickel	**1.23**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 12:16	1
Lead	**0.504**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 12:16	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 12:16	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 12:16	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 12:16	1
Vanadium	**0.689**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 12:16	1
Zinc	**55.7**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 12:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/10/25 11:36	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:06	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.293**	**F1**	0.100	0.0100	mg/L			11/10/25 11:49	1
Nitrate as N (EPA Nitrate by calc)	**0.293**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**40.0**	**F1**	5.00	1.40	mg/L			11/14/25 12:34	1

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

Job ID: 752-38983-1

Client Sample ID: SW-7

Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-2

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			11/15/25 21:59	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 21:59	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 21:59	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 21:59	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 21:59	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 21:59	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 21:59	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 21:59	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 21:59	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 21:59	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 21:59	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 21:59	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 21:59	1
Chloromethane	ND		1.00	0.840	ug/L			11/17/25 19:41	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 21:59	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 21:59	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 21:59	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 21:59	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 21:59	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 21:59	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 21:59	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 21:59	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 21:59	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 21:59	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 21:59	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 21:59	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 21:59	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 21:59	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 21:59	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 21:59	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 21:59	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 21:59	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 21:59	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 21:59	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 21:59	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 21:59	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 21:59	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 21:59	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 21:59	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 21:59	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 21:59	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 21:59	1

Client Sample ID: SW-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-2
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			11/15/25 21:59	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 21:59	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 21:59	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 21:59	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 21:59	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 21:59	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 21:59	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 21:59	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 21:59	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 21:59	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 21:59	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 21:59	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 21:59	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 21:59	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 21:59	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 21:59	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 21:59	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 21:59	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 21:59	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 21:59	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 21:59	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/15/25 21:59*	*1*
4-Bromofluorobenzene	*101*	*3	*56 - 136*		*11/17/25 19:41*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*11/15/25 21:59*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/17/25 19:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*59 - 146*		*11/15/25 21:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/17/25 19:41*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/15/25 21:59*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/17/25 19:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		11/12/25 13:01	11/13/25 16:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/12/25 13:01*	*11/13/25 16:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		11/09/25 14:00	11/11/25 16:42	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		11/09/25 14:00	11/11/25 16:42	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		11/09/25 14:00	11/11/25 16:42	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		11/09/25 14:00	11/11/25 16:42	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		11/09/25 14:00	11/11/25 16:42	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		11/09/25 14:00	11/11/25 16:42	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		11/09/25 14:00	11/11/25 16:42	1

Client Sample ID: SW-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		11/09/25 14:00	11/11/25 16:42	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		11/09/25 14:00	11/11/25 16:42	1
2-Chlorophenol	ND		9.90	0.832	ug/L		11/09/25 14:00	11/11/25 16:42	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		11/09/25 14:00	11/11/25 16:42	1
2-Methylphenol	ND		9.90	0.752	ug/L		11/09/25 14:00	11/11/25 16:42	1
2-Nitroaniline	ND		9.90	1.36	ug/L		11/09/25 14:00	11/11/25 16:42	1
2-Nitrophenol	ND	*+	9.90	1.16	ug/L		11/09/25 14:00	11/11/25 16:42	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		11/09/25 14:00	11/11/25 16:42	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		11/09/25 14:00	11/11/25 16:42	1
3-Nitroaniline	ND		9.90	0.941	ug/L		11/09/25 14:00	11/11/25 16:42	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		11/09/25 14:00	11/11/25 16:42	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		11/09/25 14:00	11/11/25 16:42	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		11/09/25 14:00	11/11/25 16:42	1
4-Chloroaniline	ND		9.90	0.574	ug/L		11/09/25 14:00	11/11/25 16:42	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		11/09/25 14:00	11/11/25 16:42	1
4-Nitroaniline	ND		9.90	3.47	ug/L		11/09/25 14:00	11/11/25 16:42	1
4-Nitrophenol	ND		9.90	2.71	ug/L		11/09/25 14:00	11/11/25 16:42	1
Acenaphthene	ND		9.90	0.624	ug/L		11/09/25 14:00	11/11/25 16:42	1
Acenaphthylene	ND		9.90	0.752	ug/L		11/09/25 14:00	11/11/25 16:42	1
Acetophenone	ND		9.90	3.17	ug/L		11/09/25 14:00	11/11/25 16:42	1
Anthracene	ND		9.90	0.901	ug/L		11/09/25 14:00	11/11/25 16:42	1
Atrazine	ND		9.90	1.12	ug/L		11/09/25 14:00	11/11/25 16:42	1
Benzaldehyde	ND		9.90	0.663	ug/L		11/09/25 14:00	11/11/25 16:42	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		11/09/25 14:00	11/11/25 16:42	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		11/09/25 14:00	11/11/25 16:42	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		11/09/25 14:00	11/11/25 16:42	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		11/09/25 14:00	11/11/25 16:42	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		11/09/25 14:00	11/11/25 16:42	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		11/09/25 14:00	11/11/25 16:42	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		11/09/25 14:00	11/11/25 16:42	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		11/09/25 14:00	11/11/25 16:42	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 16:42	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 16:42	1
Caprolactam	**6.21**	**J**	9.90	2.38	ug/L		11/09/25 14:00	11/11/25 16:42	1
Carbazole	ND		9.90	0.317	ug/L		11/09/25 14:00	11/11/25 16:42	1
Chrysene	ND		9.90	1.19	ug/L		11/09/25 14:00	11/11/25 16:42	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		11/09/25 14:00	11/11/25 16:42	1
Dibenzofuran	ND		9.90	0.634	ug/L		11/09/25 14:00	11/11/25 16:42	1
Diethyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 16:42	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 16:42	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		11/09/25 14:00	11/11/25 16:42	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 16:42	1
Fluoranthene	ND		9.90	0.624	ug/L		11/09/25 14:00	11/11/25 16:42	1
Fluorene	ND		9.90	0.663	ug/L		11/09/25 14:00	11/11/25 16:42	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		11/09/25 14:00	11/11/25 16:42	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		11/09/25 14:00	11/11/25 16:42	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		11/09/25 14:00	11/11/25 16:42	1
Hexachloroethane	ND		9.90	0.525	ug/L		11/09/25 14:00	11/11/25 16:42	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		11/09/25 14:00	11/11/25 16:42	1

Client Sample ID: SW-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		9.90	0.792	ug/L		11/09/25 14:00	11/11/25 16:42	1
Naphthalene	ND		9.90	0.743	ug/L		11/09/25 14:00	11/11/25 16:42	1
Nitrobenzene	ND		9.90	0.594	ug/L		11/09/25 14:00	11/11/25 16:42	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		11/09/25 14:00	11/11/25 16:42	1
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		11/09/25 14:00	11/11/25 16:42	1
Pentachlorophenol	ND		9.90	2.77	ug/L		11/09/25 14:00	11/11/25 16:42	1
Phenanthrene	ND		9.90	0.733	ug/L		11/09/25 14:00	11/11/25 16:42	1
Phenol	ND		9.90	0.673	ug/L		11/09/25 14:00	11/11/25 16:42	1
Pyrene	ND		9.90	0.624	ug/L		11/09/25 14:00	11/11/25 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*11/09/25 14:00*	*11/11/25 16:42*	*1*
2-Fluorobiphenyl (Surr)	*84*		*25 - 139*	*11/09/25 14:00*	*11/11/25 16:42*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*11/09/25 14:00*	*11/11/25 16:42*	*1*
Nitrobenzene-d5 (Surr)	*109*		*22 - 150*	*11/09/25 14:00*	*11/11/25 16:42*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*11/09/25 14:00*	*11/11/25 16:42*	*1*
Terphenyl-d14 (Surr)	*55*		*28 - 150*	*11/09/25 14:00*	*11/11/25 16:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 12:54	1
Arsenic	**0.607**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 12:54	1
Chromium	**0.456**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 12:54	1
Copper	**3.55**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 12:54	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 12:54	1
Cobalt	**0.131**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 12:54	1
Barium	**31.0**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 12:54	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 12:54	1
Manganese	**32.1**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 12:54	1
Nickel	**1.15**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 12:54	1
Lead	**0.496**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 12:54	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 12:54	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 12:54	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 12:54	1
Vanadium	**0.776**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 12:54	1
Zinc	**58.0**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 12:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:50	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			11/10/25 11:44	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:07	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.292**	**F1**	0.100	0.0100	mg/L			11/10/25 11:54	1
Nitrate as N (EPA Nitrate by calc)	**0.292**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**37.3**		5.00	1.40	mg/L			11/14/25 12:36	1

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

Job ID: 752-38983-1

Client Sample ID: SW-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/15/25 22:26	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 22:26	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 22:26	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 22:26	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 22:26	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 22:26	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 22:26	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 22:26	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 22:26	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 22:26	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 22:26	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 22:26	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 22:26	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 22:26	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 22:26	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 22:26	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 22:26	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 22:26	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 22:26	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 22:26	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 22:26	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 22:26	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 22:26	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 22:26	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 22:26	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 22:26	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 22:26	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 22:26	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 22:26	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 22:26	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 22:26	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 22:26	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 22:26	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 22:26	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 22:26	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 22:26	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 22:26	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 22:26	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 22:26	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 22:26	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 22:26	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 22:26	1

Client Sample ID: SW-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-3
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			11/15/25 22:26	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 22:26	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 22:26	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 22:26	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 22:26	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 22:26	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 22:26	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 22:26	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 22:26	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 22:26	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 22:26	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 22:26	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 22:26	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 22:26	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 22:26	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 22:26	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 22:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 22:26	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 22:26	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 22:26	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 22:26	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 22:26	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/15/25 22:26*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*11/15/25 22:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/15/25 22:26*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/15/25 22:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.313**		0.287	0.287	ug/L		11/12/25 13:01	11/13/25 16:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/12/25 13:01*	*11/13/25 16:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.87	0.414	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,4,5-Trichlorophenol	ND		9.87	0.533	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,4,6-Trichlorophenol	ND		9.87	1.08	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,4-Dichlorophenol	ND		9.87	0.563	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,4-Dimethylphenol	ND		9.87	0.237	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,4-Dinitrophenol	ND		29.6	4.62	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,4-Dinitrotoluene	ND		9.87	0.641	ug/L		11/09/25 14:00	11/11/25 17:15	1
2,6-Dinitrotoluene	ND		9.87	0.286	ug/L		11/09/25 14:00	11/11/25 17:15	1
2-Chloronaphthalene	ND		9.87	0.375	ug/L		11/09/25 14:00	11/11/25 17:15	1
2-Chlorophenol	ND		9.87	0.829	ug/L		11/09/25 14:00	11/11/25 17:15	1
2-Methylnaphthalene	ND		9.87	0.799	ug/L		11/09/25 14:00	11/11/25 17:15	1

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

Job ID: 752-38983-1

Client Sample ID: SW-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-3
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		9.87	0.750	ug/L		11/09/25 14:00	11/11/25 17:15	1
2-Nitroaniline	ND		9.87	1.35	ug/L		11/09/25 14:00	11/11/25 17:15	1
2-Nitrophenol	ND	*+	9.87	1.15	ug/L		11/09/25 14:00	11/11/25 17:15	1
3 & 4 Methylphenol	ND		19.7	4.54	ug/L		11/09/25 14:00	11/11/25 17:15	1
3,3'-Dichlorobenzidine	ND		10.9	0.405	ug/L		11/09/25 14:00	11/11/25 17:15	1
3-Nitroaniline	ND		9.87	0.938	ug/L		11/09/25 14:00	11/11/25 17:15	1
4,6-Dinitro-2-methylphenol	ND		9.87	1.94	ug/L		11/09/25 14:00	11/11/25 17:15	1
4-Bromophenyl phenyl ether	ND		9.87	0.128	ug/L		11/09/25 14:00	11/11/25 17:15	1
4-Chloro-3-methylphenol	ND		9.87	0.720	ug/L		11/09/25 14:00	11/11/25 17:15	1
4-Chloroaniline	ND		9.87	0.572	ug/L		11/09/25 14:00	11/11/25 17:15	1
4-Chlorophenyl phenyl ether	ND		9.87	0.237	ug/L		11/09/25 14:00	11/11/25 17:15	1
4-Nitroaniline	ND		9.87	3.45	ug/L		11/09/25 14:00	11/11/25 17:15	1
4-Nitrophenol	ND		9.87	2.70	ug/L		11/09/25 14:00	11/11/25 17:15	1
Acenaphthene	ND		9.87	0.622	ug/L		11/09/25 14:00	11/11/25 17:15	1
Acenaphthylene	ND		9.87	0.750	ug/L		11/09/25 14:00	11/11/25 17:15	1
Acetophenone	ND		9.87	3.16	ug/L		11/09/25 14:00	11/11/25 17:15	1
Anthracene	ND		9.87	0.898	ug/L		11/09/25 14:00	11/11/25 17:15	1
Atrazine	ND		9.87	1.12	ug/L		11/09/25 14:00	11/11/25 17:15	1
Benzaldehyde	ND		9.87	0.661	ug/L		11/09/25 14:00	11/11/25 17:15	1
Benzo[a]anthracene	ND		9.87	0.987	ug/L		11/09/25 14:00	11/11/25 17:15	1
Benzo[a]pyrene	ND		9.87	1.09	ug/L		11/09/25 14:00	11/11/25 17:15	1
Benzo[b]fluoranthene	ND		9.87	1.18	ug/L		11/09/25 14:00	11/11/25 17:15	1
Benzo[g,h,i]perylene	ND		9.87	1.48	ug/L		11/09/25 14:00	11/11/25 17:15	1
Benzo[k]fluoranthene	ND		9.87	1.48	ug/L		11/09/25 14:00	11/11/25 17:15	1
bis (2-chloroisopropyl) ether	ND		9.87	0.918	ug/L		11/09/25 14:00	11/11/25 17:15	1
Bis(2-chloroethoxy)methane	ND		9.87	0.336	ug/L		11/09/25 14:00	11/11/25 17:15	1
Bis(2-chloroethyl)ether	ND		9.87	0.720	ug/L		11/09/25 14:00	11/11/25 17:15	1
Bis(2-ethylhexyl) phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 17:15	1
Butyl benzyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 17:15	1
Caprolactam	ND		9.87	2.37	ug/L		11/09/25 14:00	11/11/25 17:15	1
Carbazole	ND		9.87	0.316	ug/L		11/09/25 14:00	11/11/25 17:15	1
Chrysene	ND		9.87	1.18	ug/L		11/09/25 14:00	11/11/25 17:15	1
Dibenz(a,h)anthracene	ND		9.87	1.28	ug/L		11/09/25 14:00	11/11/25 17:15	1
Dibenzofuran	ND		9.87	0.632	ug/L		11/09/25 14:00	11/11/25 17:15	1
Diethyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 17:15	1
Dimethyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 17:15	1
Di-n-butyl phthalate	ND		9.87	8.08	ug/L		11/09/25 14:00	11/11/25 17:15	1
Di-n-octyl phthalate	ND		9.87	3.95	ug/L		11/09/25 14:00	11/11/25 17:15	1
Fluoranthene	ND		9.87	0.622	ug/L		11/09/25 14:00	11/11/25 17:15	1
Fluorene	ND		9.87	0.661	ug/L		11/09/25 14:00	11/11/25 17:15	1
Hexachlorobenzene	ND		9.87	0.247	ug/L		11/09/25 14:00	11/11/25 17:15	1
Hexachlorobutadiene	ND		9.87	0.543	ug/L		11/09/25 14:00	11/11/25 17:15	1
Hexachlorocyclopentadiene	ND		19.7	0.316	ug/L		11/09/25 14:00	11/11/25 17:15	1
Hexachloroethane	ND		9.87	0.523	ug/L		11/09/25 14:00	11/11/25 17:15	1
Indeno[1,2,3-cd]pyrene	ND		9.87	1.09	ug/L		11/09/25 14:00	11/11/25 17:15	1
Isophorone	ND		9.87	0.789	ug/L		11/09/25 14:00	11/11/25 17:15	1
Naphthalene	ND		9.87	0.740	ug/L		11/09/25 14:00	11/11/25 17:15	1
Nitrobenzene	ND		9.87	0.592	ug/L		11/09/25 14:00	11/11/25 17:15	1
N-Nitrosodi-n-propylamine	ND		9.87	0.326	ug/L		11/09/25 14:00	11/11/25 17:15	1

Client Sample ID: SW-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-3
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		9.87	0.188	ug/L		11/09/25 14:00	11/11/25 17:15	1
Pentachlorophenol	ND		9.87	2.76	ug/L		11/09/25 14:00	11/11/25 17:15	1
Phenanthrene	ND		9.87	0.730	ug/L		11/09/25 14:00	11/11/25 17:15	1
Phenol	ND		9.87	0.671	ug/L		11/09/25 14:00	11/11/25 17:15	1
Pyrene	ND		9.87	0.622	ug/L		11/09/25 14:00	11/11/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:15*	*1*
2-Fluorobiphenyl (Surr)	*87*		*25 - 139*	*11/09/25 14:00*	*11/11/25 17:15*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:15*	*1*
Nitrobenzene-d5 (Surr)	*112*		*22 - 150*	*11/09/25 14:00*	*11/11/25 17:15*	*1*
Phenol-d5 (Surr)	*59*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:15*	*1*
Terphenyl-d14 (Surr)	*67*		*28 - 150*	*11/09/25 14:00*	*11/11/25 17:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.0848**	**J**	1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 12:56	1
Arsenic	**1.65**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 12:56	1
Chromium	**5.50**		2.00	0.388	ug/L		11/10/25 15:47	11/11/25 12:56	1
Copper	**23.4**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 12:56	1
Cadmium	**0.278**	**J**	2.00	0.245	ug/L		11/10/25 15:47	11/11/25 12:56	1
Cobalt	**2.05**		2.00	0.102	ug/L		11/10/25 15:47	11/11/25 12:56	1
Barium	**73.5**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 12:56	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 12:56	1
Manganese	**148**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 12:56	1
Nickel	**6.23**		4.00	0.915	ug/L		11/10/25 15:47	11/11/25 12:56	1
Lead	**33.2**		2.00	0.243	ug/L		11/10/25 15:47	11/11/25 12:56	1
Antimony	**0.622**	**J**	2.00	0.407	ug/L		11/10/25 15:47	11/11/25 12:56	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 12:56	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 12:56	1
Vanadium	**6.75**		2.00	0.486	ug/L		11/10/25 15:47	11/11/25 12:56	1
Zinc	**182**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 12:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:52	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			11/10/25 11:46	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:08	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.282**		0.100	0.0100	mg/L			11/10/25 11:59	1
Nitrate as N (EPA Nitrate by calc)	**0.282**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**38.2**		5.00	1.40	mg/L			11/14/25 12:37	1

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

Job ID: 752-38983-1

Client Sample ID: SW-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-4
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			11/15/25 22:52	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 22:52	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 22:52	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 22:52	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 22:52	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 22:52	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 22:52	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 22:52	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 22:52	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 22:52	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 22:52	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 22:52	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 22:52	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 22:52	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 22:52	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 22:52	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 22:52	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 22:52	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 22:52	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 22:52	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 22:52	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 22:52	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 22:52	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 22:52	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 22:52	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 22:52	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 22:52	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 22:52	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 22:52	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 22:52	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 22:52	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 22:52	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 22:52	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 22:52	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 22:52	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 22:52	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 22:52	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 22:52	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 22:52	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 22:52	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 22:52	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 22:52	1

Client Sample ID: SW-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-4
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			11/15/25 22:52	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 22:52	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 22:52	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 22:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 22:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 22:52	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 22:52	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 22:52	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 22:52	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 22:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 22:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 22:52	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 22:52	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 22:52	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 22:52	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 22:52	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 22:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 22:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 22:52	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 22:52	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 22:52	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*11/15/25 22:52*	*1*
Dibromofluoromethane	*112*		*79 - 130*		*11/15/25 22:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*59 - 146*		*11/15/25 22:52*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 22:52*	*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	**0.353**		0.278	0.278	ug/L		11/12/25 13:01	11/13/25 16:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*11/12/25 13:01*	*11/13/25 16:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		11/09/25 14:00	11/11/25 15:05	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		11/09/25 14:00	11/11/25 15:05	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		11/09/25 14:00	11/11/25 15:05	1
2-Chlorophenol	ND		9.93	0.834	ug/L		11/09/25 14:00	11/11/25 15:05	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		11/09/25 14:00	11/11/25 15:05	1

Client Sample ID: SW-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-4
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		9.93	0.755	ug/L		11/09/25 14:00	11/11/25 15:05	1
2-Nitroaniline	ND		9.93	1.36	ug/L		11/09/25 14:00	11/11/25 15:05	1
2-Nitrophenol	ND	*+ F1	9.93	1.16	ug/L		11/09/25 14:00	11/11/25 15:05	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		11/09/25 14:00	11/11/25 15:05	1
3,3'-Dichlorobenzidine	ND	F1	10.9	0.407	ug/L		11/09/25 14:00	11/11/25 15:05	1
3-Nitroaniline	ND		9.93	0.944	ug/L		11/09/25 14:00	11/11/25 15:05	1
4,6-Dinitro-2-methylphenol	ND	F1	9.93	1.96	ug/L		11/09/25 14:00	11/11/25 15:05	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		11/09/25 14:00	11/11/25 15:05	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		11/09/25 14:00	11/11/25 15:05	1
4-Chloroaniline	ND		9.93	0.576	ug/L		11/09/25 14:00	11/11/25 15:05	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		11/09/25 14:00	11/11/25 15:05	1
4-Nitroaniline	ND		9.93	3.48	ug/L		11/09/25 14:00	11/11/25 15:05	1
4-Nitrophenol	ND		9.93	2.72	ug/L		11/09/25 14:00	11/11/25 15:05	1
Acenaphthene	ND		9.93	0.626	ug/L		11/09/25 14:00	11/11/25 15:05	1
Acenaphthylene	ND		9.93	0.755	ug/L		11/09/25 14:00	11/11/25 15:05	1
Acetophenone	ND		9.93	3.18	ug/L		11/09/25 14:00	11/11/25 15:05	1
Anthracene	ND		9.93	0.904	ug/L		11/09/25 14:00	11/11/25 15:05	1
Atrazine	ND		9.93	1.12	ug/L		11/09/25 14:00	11/11/25 15:05	1
Benzaldehyde	ND		9.93	0.666	ug/L		11/09/25 14:00	11/11/25 15:05	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		11/09/25 14:00	11/11/25 15:05	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		11/09/25 14:00	11/11/25 15:05	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		11/09/25 14:00	11/11/25 15:05	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		11/09/25 14:00	11/11/25 15:05	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		11/09/25 14:00	11/11/25 15:05	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		11/09/25 14:00	11/11/25 15:05	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		11/09/25 14:00	11/11/25 15:05	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		11/09/25 14:00	11/11/25 15:05	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		11/09/25 14:00	11/11/25 15:05	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		11/09/25 14:00	11/11/25 15:05	1
Caprolactam	ND		9.93	2.38	ug/L		11/09/25 14:00	11/11/25 15:05	1
Carbazole	ND		9.93	0.318	ug/L		11/09/25 14:00	11/11/25 15:05	1
Chrysene	ND		9.93	1.19	ug/L		11/09/25 14:00	11/11/25 15:05	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		11/09/25 14:00	11/11/25 15:05	1
Dibenzofuran	ND		9.93	0.636	ug/L		11/09/25 14:00	11/11/25 15:05	1
Diethyl phthalate	ND	F1	9.93	3.97	ug/L		11/09/25 14:00	11/11/25 15:05	1
Dimethyl phthalate	ND	F1	9.93	3.97	ug/L		11/09/25 14:00	11/11/25 15:05	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		11/09/25 14:00	11/11/25 15:05	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		11/09/25 14:00	11/11/25 15:05	1
Fluoranthene	ND		9.93	0.626	ug/L		11/09/25 14:00	11/11/25 15:05	1
Fluorene	ND		9.93	0.666	ug/L		11/09/25 14:00	11/11/25 15:05	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		11/09/25 14:00	11/11/25 15:05	1
Hexachlorobutadiene	ND	F1	9.93	0.546	ug/L		11/09/25 14:00	11/11/25 15:05	1
Hexachlorocyclopentadiene	ND	F1	19.9	0.318	ug/L		11/09/25 14:00	11/11/25 15:05	1
Hexachloroethane	ND	F1	9.93	0.526	ug/L		11/09/25 14:00	11/11/25 15:05	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		11/09/25 14:00	11/11/25 15:05	1
Isophorone	ND		9.93	0.795	ug/L		11/09/25 14:00	11/11/25 15:05	1
Naphthalene	ND		9.93	0.745	ug/L		11/09/25 14:00	11/11/25 15:05	1
Nitrobenzene	ND		9.93	0.596	ug/L		11/09/25 14:00	11/11/25 15:05	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		11/09/25 14:00	11/11/25 15:05	1

Client Sample ID: SW-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		11/09/25 14:00	11/11/25 15:05	1
Pentachlorophenol	ND		9.93	2.78	ug/L		11/09/25 14:00	11/11/25 15:05	1
Phenanthrene	ND		9.93	0.735	ug/L		11/09/25 14:00	11/11/25 15:05	1
Phenol	ND		9.93	0.675	ug/L		11/09/25 14:00	11/11/25 15:05	1
Pyrene	ND		9.93	0.626	ug/L		11/09/25 14:00	11/11/25 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 150*	*11/09/25 14:00*	*11/11/25 15:05*	*1*
2-Fluorobiphenyl (Surr)	*85*		*25 - 139*	*11/09/25 14:00*	*11/11/25 15:05*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*11/09/25 14:00*	*11/11/25 15:05*	*1*
Nitrobenzene-d5 (Surr)	*115*		*22 - 150*	*11/09/25 14:00*	*11/11/25 15:05*	*1*
Phenol-d5 (Surr)	*67*		*10 - 150*	*11/09/25 14:00*	*11/11/25 15:05*	*1*
Terphenyl-d14 (Surr)	*64*		*28 - 150*	*11/09/25 14:00*	*11/11/25 15:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 13:01	1
Arsenic	**0.458**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 13:01	1
Chromium	**0.431**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 13:01	1
Copper	**3.95**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 13:01	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 13:01	1
Cobalt	ND		2.00	0.102	ug/L		11/10/25 15:47	11/11/25 13:01	1
Barium	**31.5**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 13:01	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 13:01	1
Manganese	**17.8**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 13:01	1
Nickel	**1.35**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 13:01	1
Lead	**0.395**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 13:01	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 13:01	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 13:01	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 13:01	1
Vanadium	**0.668**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 13:01	1
Zinc	**51.5**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 13:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.800	0.400	ug/L		11/11/25 09:38	11/11/25 14:53	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			11/10/25 11:49	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:09	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.234**		0.100	0.0100	mg/L			11/10/25 12:01	1
Nitrate as N (EPA Nitrate by calc)	**0.234**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**35.1**		5.00	1.40	mg/L			11/14/25 12:37	1

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

Job ID: 752-38983-1

Client Sample ID: SW-Dup
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-5
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			11/15/25 23:19	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 23:19	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 23:19	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 23:19	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 23:19	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 23:19	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 23:19	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 23:19	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 23:19	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 23:19	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 23:19	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 23:19	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 23:19	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 23:19	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 23:19	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 23:19	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 23:19	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 23:19	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 23:19	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 23:19	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 23:19	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 23:19	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 23:19	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 23:19	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 23:19	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 23:19	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 23:19	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 23:19	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 23:19	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 23:19	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 23:19	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 23:19	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 23:19	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 23:19	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 23:19	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 23:19	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 23:19	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 23:19	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 23:19	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 23:19	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 23:19	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 23:19	1

Client Sample ID: SW-Dup
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-5
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			11/15/25 23:19	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 23:19	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 23:19	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 23:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 23:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 23:19	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 23:19	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 23:19	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 23:19	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 23:19	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 23:19	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 23:19	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 23:19	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 23:19	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 23:19	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 23:19	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 23:19	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 23:19	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 23:19	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 23:19	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 23:19	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/15/25 23:19*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*11/15/25 23:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*59 - 146*		*11/15/25 23:19*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/15/25 23:19*	*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	**0.350**		0.289	0.289	ug/L		11/12/25 13:01	11/13/25 17:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 140*	*11/12/25 13:01*	*11/13/25 17:18*	*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	0.432	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		11/09/25 12:08	11/11/25 22:03	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		11/09/25 12:08	11/11/25 22:03	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		11/09/25 12:08	11/11/25 22:03	1
2-Chlorophenol	ND		10.3	0.863	ug/L		11/09/25 12:08	11/11/25 22:03	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		11/09/25 12:08	11/11/25 22:03	1

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

Client Sample ID: SW-Dup
Lab Sample ID: 752-38983-5
Date Collected: 11/06/25 13:00
Matrix: Water
Date Received: 11/06/25 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.3	0.781	ug/L		11/09/25 12:08	11/11/25 22:03	1
2-Nitroaniline	ND		10.3	1.41	ug/L		11/09/25 12:08	11/11/25 22:03	1
2-Nitrophenol	ND		10.3	1.20	ug/L		11/09/25 12:08	11/11/25 22:03	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		11/09/25 12:08	11/11/25 22:03	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		11/09/25 12:08	11/11/25 22:03	1
3-Nitroaniline	ND		10.3	0.976	ug/L		11/09/25 12:08	11/11/25 22:03	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		11/09/25 12:08	11/11/25 22:03	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		11/09/25 12:08	11/11/25 22:03	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		11/09/25 12:08	11/11/25 22:03	1
4-Chloroaniline	ND		10.3	0.596	ug/L		11/09/25 12:08	11/11/25 22:03	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		11/09/25 12:08	11/11/25 22:03	1
4-Nitroaniline	ND		10.3	3.60	ug/L		11/09/25 12:08	11/11/25 22:03	1
4-Nitrophenol	ND		10.3	2.82	ug/L		11/09/25 12:08	11/11/25 22:03	1
Acenaphthene	ND		10.3	0.647	ug/L		11/09/25 12:08	11/11/25 22:03	1
Acenaphthylene	ND		10.3	0.781	ug/L		11/09/25 12:08	11/11/25 22:03	1
Acetophenone	ND		10.3	3.29	ug/L		11/09/25 12:08	11/11/25 22:03	1
Anthracene	ND		10.3	0.935	ug/L		11/09/25 12:08	11/11/25 22:03	1
Atrazine	ND		10.3	1.16	ug/L		11/09/25 12:08	11/11/25 22:03	1
Benzaldehyde	ND		10.3	0.688	ug/L		11/09/25 12:08	11/11/25 22:03	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		11/09/25 12:08	11/11/25 22:03	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		11/09/25 12:08	11/11/25 22:03	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		11/09/25 12:08	11/11/25 22:03	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		11/09/25 12:08	11/11/25 22:03	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		11/09/25 12:08	11/11/25 22:03	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		11/09/25 12:08	11/11/25 22:03	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		11/09/25 12:08	11/11/25 22:03	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		11/09/25 12:08	11/11/25 22:03	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 22:03	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 22:03	1
Caprolactam	ND	*+	10.3	2.47	ug/L		11/09/25 12:08	11/11/25 22:03	1
Carbazole	ND		10.3	0.329	ug/L		11/09/25 12:08	11/11/25 22:03	1
Chrysene	ND		10.3	1.23	ug/L		11/09/25 12:08	11/11/25 22:03	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		11/09/25 12:08	11/11/25 22:03	1
Dibenzofuran	ND		10.3	0.658	ug/L		11/09/25 12:08	11/11/25 22:03	1
Diethyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 22:03	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 22:03	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		11/09/25 12:08	11/11/25 22:03	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 22:03	1
Fluoranthene	ND		10.3	0.647	ug/L		11/09/25 12:08	11/11/25 22:03	1
Fluorene	ND		10.3	0.688	ug/L		11/09/25 12:08	11/11/25 22:03	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		11/09/25 12:08	11/11/25 22:03	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		11/09/25 12:08	11/11/25 22:03	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		11/09/25 12:08	11/11/25 22:03	1
Hexachloroethane	ND		10.3	0.545	ug/L		11/09/25 12:08	11/11/25 22:03	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		11/09/25 12:08	11/11/25 22:03	1
Isophorone	ND		10.3	0.822	ug/L		11/09/25 12:08	11/11/25 22:03	1
Naphthalene	ND		10.3	0.771	ug/L		11/09/25 12:08	11/11/25 22:03	1
Nitrobenzene	ND		10.3	0.616	ug/L		11/09/25 12:08	11/11/25 22:03	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		11/09/25 12:08	11/11/25 22:03	1

Client Sample ID: SW-Dup
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-5
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	0.195	ug/L		11/09/25 12:08	11/11/25 22:03	1
Pentachlorophenol	ND		10.3	2.88	ug/L		11/09/25 12:08	11/11/25 22:03	1
Phenanthrene	ND		10.3	0.760	ug/L		11/09/25 12:08	11/11/25 22:03	1
Phenol	ND		10.3	0.699	ug/L		11/09/25 12:08	11/11/25 22:03	1
Pyrene	ND		10.3	0.647	ug/L		11/09/25 12:08	11/11/25 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*11/09/25 12:08*	*11/11/25 22:03*	*1*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*	*11/09/25 12:08*	*11/11/25 22:03*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 150*	*11/09/25 12:08*	*11/11/25 22:03*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*	*11/09/25 12:08*	*11/11/25 22:03*	*1*
Phenol-d5 (Surr)	*79*		*10 - 150*	*11/09/25 12:08*	*11/11/25 22:03*	*1*
Terphenyl-d14 (Surr)	*69*		*28 - 150*	*11/09/25 12:08*	*11/11/25 22:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 13:04	1
Arsenic	**0.523**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 13:04	1
Chromium	**0.572**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 13:04	1
Copper	**4.37**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 13:04	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 13:04	1
Cobalt	**0.103**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 13:04	1
Barium	**34.6**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 13:04	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 13:04	1
Manganese	**19.7**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 13:04	1
Nickel	**1.51**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 13:04	1
Lead	**0.412**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 13:04	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 13:04	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 13:04	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 13:04	1
Vanadium	**0.741**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 13:04	1
Zinc	**57.5**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 13:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:55	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			11/10/25 11:52	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.255**		0.100	0.0100	mg/L			11/10/25 12:03	1
Nitrate as N (EPA Nitrate by calc)	**0.255**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**36.0**		5.00	1.40	mg/L			11/14/25 12:38	1

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

Job ID: 752-38983-1

Client Sample ID: SW-4

Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-6

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			11/15/25 23:45	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 23:45	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 23:45	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 23:45	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 23:45	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 23:45	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 23:45	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 23:45	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 23:45	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 23:45	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 23:45	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 23:45	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 23:45	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 23:45	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 23:45	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 23:45	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 23:45	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 23:45	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 23:45	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 23:45	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 23:45	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 23:45	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 23:45	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 23:45	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 23:45	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 23:45	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 23:45	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 23:45	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 23:45	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 23:45	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 23:45	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 23:45	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 23:45	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 23:45	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 23:45	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 23:45	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 23:45	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 23:45	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 23:45	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 23:45	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 23:45	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 23:45	1

Client Sample ID: SW-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-6
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			11/15/25 23:45	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 23:45	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 23:45	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 23:45	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 23:45	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 23:45	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 23:45	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 23:45	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 23:45	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 23:45	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 23:45	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 23:45	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 23:45	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 23:45	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 23:45	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 23:45	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 23:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 23:45	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 23:45	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 23:45	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 23:45	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 23:45	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*11/15/25 23:45*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*11/15/25 23:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*59 - 146*		*11/15/25 23:45*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*11/15/25 23:45*	*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	**0.380**		0.289	0.289	ug/L		11/12/25 13:01	11/13/25 17:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/12/25 13:01*	*11/13/25 17:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		11/09/25 12:08	11/11/25 22:33	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		11/09/25 12:08	11/11/25 22:33	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		11/09/25 12:08	11/11/25 22:33	1
2-Chlorophenol	ND		10.1	0.851	ug/L		11/09/25 12:08	11/11/25 22:33	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		11/09/25 12:08	11/11/25 22:33	1

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

Job ID: 752-38983-1

Client Sample ID: SW-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-6
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		10.1	0.770	ug/L		11/09/25 12:08	11/11/25 22:33	1
2-Nitroaniline	ND		10.1	1.39	ug/L		11/09/25 12:08	11/11/25 22:33	1
2-Nitrophenol	ND		10.1	1.19	ug/L		11/09/25 12:08	11/11/25 22:33	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		11/09/25 12:08	11/11/25 22:33	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		11/09/25 12:08	11/11/25 22:33	1
3-Nitroaniline	ND		10.1	0.963	ug/L		11/09/25 12:08	11/11/25 22:33	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		11/09/25 12:08	11/11/25 22:33	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		11/09/25 12:08	11/11/25 22:33	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		11/09/25 12:08	11/11/25 22:33	1
4-Chloroaniline	ND		10.1	0.588	ug/L		11/09/25 12:08	11/11/25 22:33	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		11/09/25 12:08	11/11/25 22:33	1
4-Nitroaniline	ND		10.1	3.55	ug/L		11/09/25 12:08	11/11/25 22:33	1
4-Nitrophenol	ND		10.1	2.78	ug/L		11/09/25 12:08	11/11/25 22:33	1
Acenaphthene	ND		10.1	0.639	ug/L		11/09/25 12:08	11/11/25 22:33	1
Acenaphthylene	ND		10.1	0.770	ug/L		11/09/25 12:08	11/11/25 22:33	1
Acetophenone	ND		10.1	3.24	ug/L		11/09/25 12:08	11/11/25 22:33	1
Anthracene	ND		10.1	0.922	ug/L		11/09/25 12:08	11/11/25 22:33	1
Atrazine	ND		10.1	1.15	ug/L		11/09/25 12:08	11/11/25 22:33	1
Benzaldehyde	ND		10.1	0.679	ug/L		11/09/25 12:08	11/11/25 22:33	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 12:08	11/11/25 22:33	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 22:33	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		11/09/25 12:08	11/11/25 22:33	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 22:33	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 22:33	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		11/09/25 12:08	11/11/25 22:33	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		11/09/25 12:08	11/11/25 22:33	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		11/09/25 12:08	11/11/25 22:33	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 22:33	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 22:33	1
Caprolactam	ND	*+	10.1	2.43	ug/L		11/09/25 12:08	11/11/25 22:33	1
Carbazole	ND		10.1	0.324	ug/L		11/09/25 12:08	11/11/25 22:33	1
Chrysene	ND		10.1	1.22	ug/L		11/09/25 12:08	11/11/25 22:33	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		11/09/25 12:08	11/11/25 22:33	1
Dibenzofuran	ND		10.1	0.649	ug/L		11/09/25 12:08	11/11/25 22:33	1
Diethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 22:33	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 22:33	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		11/09/25 12:08	11/11/25 22:33	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 22:33	1
Fluoranthene	ND		10.1	0.639	ug/L		11/09/25 12:08	11/11/25 22:33	1
Fluorene	ND		10.1	0.679	ug/L		11/09/25 12:08	11/11/25 22:33	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 12:08	11/11/25 22:33	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		11/09/25 12:08	11/11/25 22:33	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		11/09/25 12:08	11/11/25 22:33	1
Hexachloroethane	ND		10.1	0.537	ug/L		11/09/25 12:08	11/11/25 22:33	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 22:33	1
Isophorone	ND		10.1	0.811	ug/L		11/09/25 12:08	11/11/25 22:33	1
Naphthalene	ND		10.1	0.760	ug/L		11/09/25 12:08	11/11/25 22:33	1
Nitrobenzene	ND		10.1	0.608	ug/L		11/09/25 12:08	11/11/25 22:33	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		11/09/25 12:08	11/11/25 22:33	1

Client Sample ID: SW-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-6
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		10.1	0.193	ug/L		11/09/25 12:08	11/11/25 22:33	1
Pentachlorophenol	ND		10.1	2.84	ug/L		11/09/25 12:08	11/11/25 22:33	1
Phenanthrene	ND		10.1	0.750	ug/L		11/09/25 12:08	11/11/25 22:33	1
Phenol	ND		10.1	0.689	ug/L		11/09/25 12:08	11/11/25 22:33	1
Pyrene	ND		10.1	0.639	ug/L		11/09/25 12:08	11/11/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*11/09/25 12:08*	*11/11/25 22:33*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*11/09/25 12:08*	*11/11/25 22:33*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 150*	*11/09/25 12:08*	*11/11/25 22:33*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*11/09/25 12:08*	*11/11/25 22:33*	*1*
Phenol-d5 (Surr)	*80*		*10 - 150*	*11/09/25 12:08*	*11/11/25 22:33*	*1*
Terphenyl-d14 (Surr)	*73*		*28 - 150*	*11/09/25 12:08*	*11/11/25 22:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 14:12	1
Arsenic	**0.576**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 14:12	1
Chromium	**0.860**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 14:12	1
Copper	**5.76**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 14:12	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 14:12	1
Cobalt	**0.243**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 14:12	1
Barium	**37.5**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 14:12	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 14:12	1
Manganese	**27.6**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 14:12	1
Nickel	**1.73**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 14:12	1
Lead	**1.89**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 14:12	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 14:12	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 14:12	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 14:12	1
Vanadium	**1.11**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 14:12	1
Zinc	**67.0**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 14:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:56	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			11/10/25 12:05	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:11	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.269**		0.100	0.0100	mg/L			11/10/25 12:05	1
Nitrate as N (EPA Nitrate by calc)	**0.269**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**34.6**		5.00	1.40	mg/L			11/14/25 12:38	1

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

Job ID: 752-38983-1

Client Sample ID: SW-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-7
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			11/16/25 00:12	1
Benzene	ND		1.00	0.500	ug/L			11/16/25 00:12	1
Bromobenzene	ND		1.00	0.540	ug/L			11/16/25 00:12	1
Bromoform	ND		5.00	0.250	ug/L			11/16/25 00:12	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/16/25 00:12	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/16/25 00:12	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/16/25 00:12	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/16/25 00:12	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/16/25 00:12	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/16/25 00:12	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/16/25 00:12	1
Chloroethane	ND		1.00	0.760	ug/L			11/16/25 00:12	1
Chloroform	ND		1.00	0.900	ug/L			11/16/25 00:12	1
Chloromethane	ND		1.00	0.840	ug/L			11/16/25 00:12	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/16/25 00:12	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/16/25 00:12	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/16/25 00:12	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/16/25 00:12	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/16/25 00:12	1
Dibromomethane	ND		5.00	0.220	ug/L			11/16/25 00:12	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/16/25 00:12	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/16/25 00:12	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/16/25 00:12	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/16/25 00:12	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/16/25 00:12	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/16/25 00:12	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/16/25 00:12	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/16/25 00:12	1
Hexane	ND		1.00	0.960	ug/L			11/16/25 00:12	1
2-Hexanone	ND		25.0	9.10	ug/L			11/16/25 00:12	1
Iodomethane	ND		1.00	0.900	ug/L			11/16/25 00:12	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/16/25 00:12	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/16/25 00:12	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/16/25 00:12	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/16/25 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/16/25 00:12	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/16/25 00:12	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/16/25 00:12	1
Naphthalene	ND		5.00	3.00	ug/L			11/16/25 00:12	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/16/25 00:12	1
n-Heptane	ND		1.00	0.690	ug/L			11/16/25 00:12	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/16/25 00:12	1

Client Sample ID: SW-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-7
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			11/16/25 00:12	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/16/25 00:12	1
Styrene	ND		1.00	1.00	ug/L			11/16/25 00:12	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/16/25 00:12	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/16/25 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/16/25 00:12	1
Toluene	ND		1.00	0.900	ug/L			11/16/25 00:12	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/16/25 00:12	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/16/25 00:12	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/16/25 00:12	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/16/25 00:12	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/16/25 00:12	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/16/25 00:12	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/16/25 00:12	1
Trichloroethene	ND		1.00	0.480	ug/L			11/16/25 00:12	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/16/25 00:12	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/16/25 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/16/25 00:12	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/16/25 00:12	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/16/25 00:12	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/16/25 00:12	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/16/25 00:12	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/16/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*11/16/25 00:12*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*11/16/25 00:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*59 - 146*		*11/16/25 00:12*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/16/25 00:12*	*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	**0.395**		0.298	0.298	ug/L		11/12/25 13:01	11/13/25 18:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 140*	*11/12/25 13:01*	*11/13/25 18:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		11/09/25 12:08	11/11/25 23:03	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		11/09/25 12:08	11/11/25 23:03	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		11/09/25 12:08	11/11/25 23:03	1
2-Chlorophenol	ND		10.1	0.851	ug/L		11/09/25 12:08	11/11/25 23:03	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		11/09/25 12:08	11/11/25 23:03	1

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

Job ID: 752-38983-1

Client Sample ID: SW-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		11/09/25 12:08	11/11/25 23:03	1
2-Nitroaniline	ND		10.1	1.39	ug/L		11/09/25 12:08	11/11/25 23:03	1
2-Nitrophenol	ND		10.1	1.19	ug/L		11/09/25 12:08	11/11/25 23:03	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		11/09/25 12:08	11/11/25 23:03	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		11/09/25 12:08	11/11/25 23:03	1
3-Nitroaniline	ND		10.1	0.963	ug/L		11/09/25 12:08	11/11/25 23:03	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		11/09/25 12:08	11/11/25 23:03	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		11/09/25 12:08	11/11/25 23:03	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		11/09/25 12:08	11/11/25 23:03	1
4-Chloroaniline	ND		10.1	0.588	ug/L		11/09/25 12:08	11/11/25 23:03	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		11/09/25 12:08	11/11/25 23:03	1
4-Nitroaniline	ND		10.1	3.55	ug/L		11/09/25 12:08	11/11/25 23:03	1
4-Nitrophenol	ND		10.1	2.78	ug/L		11/09/25 12:08	11/11/25 23:03	1
Acenaphthene	ND		10.1	0.639	ug/L		11/09/25 12:08	11/11/25 23:03	1
Acenaphthylene	ND		10.1	0.770	ug/L		11/09/25 12:08	11/11/25 23:03	1
Acetophenone	ND		10.1	3.24	ug/L		11/09/25 12:08	11/11/25 23:03	1
Anthracene	ND		10.1	0.922	ug/L		11/09/25 12:08	11/11/25 23:03	1
Atrazine	ND		10.1	1.15	ug/L		11/09/25 12:08	11/11/25 23:03	1
Benzaldehyde	ND		10.1	0.679	ug/L		11/09/25 12:08	11/11/25 23:03	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 12:08	11/11/25 23:03	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 23:03	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		11/09/25 12:08	11/11/25 23:03	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 23:03	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 23:03	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		11/09/25 12:08	11/11/25 23:03	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		11/09/25 12:08	11/11/25 23:03	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		11/09/25 12:08	11/11/25 23:03	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 23:03	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 23:03	1
Caprolactam	ND	*+	10.1	2.43	ug/L		11/09/25 12:08	11/11/25 23:03	1
Carbazole	ND		10.1	0.324	ug/L		11/09/25 12:08	11/11/25 23:03	1
Chrysene	ND		10.1	1.22	ug/L		11/09/25 12:08	11/11/25 23:03	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		11/09/25 12:08	11/11/25 23:03	1
Dibenzofuran	ND		10.1	0.649	ug/L		11/09/25 12:08	11/11/25 23:03	1
Diethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 23:03	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 23:03	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		11/09/25 12:08	11/11/25 23:03	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		11/09/25 12:08	11/11/25 23:03	1
Fluoranthene	ND		10.1	0.639	ug/L		11/09/25 12:08	11/11/25 23:03	1
Fluorene	ND		10.1	0.679	ug/L		11/09/25 12:08	11/11/25 23:03	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 12:08	11/11/25 23:03	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		11/09/25 12:08	11/11/25 23:03	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		11/09/25 12:08	11/11/25 23:03	1
Hexachloroethane	ND		10.1	0.537	ug/L		11/09/25 12:08	11/11/25 23:03	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 23:03	1
Isophorone	ND		10.1	0.811	ug/L		11/09/25 12:08	11/11/25 23:03	1
Naphthalene	ND		10.1	0.760	ug/L		11/09/25 12:08	11/11/25 23:03	1
Nitrobenzene	ND		10.1	0.608	ug/L		11/09/25 12:08	11/11/25 23:03	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		11/09/25 12:08	11/11/25 23:03	1

Client Sample ID: SW-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		11/09/25 12:08	11/11/25 23:03	1
Pentachlorophenol	ND		10.1	2.84	ug/L		11/09/25 12:08	11/11/25 23:03	1
Phenanthrene	ND		10.1	0.750	ug/L		11/09/25 12:08	11/11/25 23:03	1
Phenol	ND		10.1	0.689	ug/L		11/09/25 12:08	11/11/25 23:03	1
Pyrene	ND		10.1	0.639	ug/L		11/09/25 12:08	11/11/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*11/09/25 12:08*	*11/11/25 23:03*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*11/09/25 12:08*	*11/11/25 23:03*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*11/09/25 12:08*	*11/11/25 23:03*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*11/09/25 12:08*	*11/11/25 23:03*	*1*
Phenol-d5 (Surr)	*76*		*10 - 150*	*11/09/25 12:08*	*11/11/25 23:03*	*1*
Terphenyl-d14 (Surr)	*69*		*28 - 150*	*11/09/25 12:08*	*11/11/25 23:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 14:17	1
Arsenic	**0.526**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 14:17	1
Chromium	**0.532**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 14:17	1
Copper	**4.71**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 14:17	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 14:17	1
Cobalt	**0.126**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 14:17	1
Barium	**34.1**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 14:17	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 14:17	1
Manganese	**21.4**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 14:17	1
Nickel	**1.51**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 14:17	1
Lead	**0.582**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 14:17	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 14:17	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 14:17	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 14:17	1
Vanadium	**0.718**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 14:17	1
Zinc	**62.7**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:57	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			11/10/25 12:08	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:12	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.246**		0.100	0.0100	mg/L			11/10/25 12:07	1
Nitrate as N (EPA Nitrate by calc)	**0.246**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**34.6**		5.00	1.40	mg/L			11/14/25 12:39	1

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

Job ID: 752-38983-1

Client Sample ID: SW-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/16/25 00:38	1
Benzene	ND		1.00	0.500	ug/L			11/16/25 00:38	1
Bromobenzene	ND		1.00	0.540	ug/L			11/16/25 00:38	1
Bromoform	ND		5.00	0.250	ug/L			11/16/25 00:38	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/16/25 00:38	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/16/25 00:38	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/16/25 00:38	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/16/25 00:38	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/16/25 00:38	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/16/25 00:38	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/16/25 00:38	1
Chloroethane	ND		1.00	0.760	ug/L			11/16/25 00:38	1
Chloroform	ND		1.00	0.900	ug/L			11/16/25 00:38	1
Chloromethane	ND		1.00	0.840	ug/L			11/16/25 00:38	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/16/25 00:38	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/16/25 00:38	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/16/25 00:38	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/16/25 00:38	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/16/25 00:38	1
Dibromomethane	ND		5.00	0.220	ug/L			11/16/25 00:38	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/16/25 00:38	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/16/25 00:38	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/16/25 00:38	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/16/25 00:38	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/16/25 00:38	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/16/25 00:38	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/16/25 00:38	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/16/25 00:38	1
Hexane	ND		1.00	0.960	ug/L			11/16/25 00:38	1
2-Hexanone	ND		25.0	9.10	ug/L			11/16/25 00:38	1
Iodomethane	ND		1.00	0.900	ug/L			11/16/25 00:38	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/16/25 00:38	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/16/25 00:38	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/16/25 00:38	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/16/25 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/16/25 00:38	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/16/25 00:38	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/16/25 00:38	1
Naphthalene	ND		5.00	3.00	ug/L			11/16/25 00:38	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/16/25 00:38	1
n-Heptane	ND		1.00	0.690	ug/L			11/16/25 00:38	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/16/25 00:38	1

Client Sample ID: SW-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/16/25 00:38	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/16/25 00:38	1
Styrene	ND		1.00	1.00	ug/L			11/16/25 00:38	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/16/25 00:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/16/25 00:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/16/25 00:38	1
Toluene	ND		1.00	0.900	ug/L			11/16/25 00:38	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/16/25 00:38	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/16/25 00:38	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/16/25 00:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/16/25 00:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/16/25 00:38	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/16/25 00:38	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/16/25 00:38	1
Trichloroethene	ND		1.00	0.480	ug/L			11/16/25 00:38	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/16/25 00:38	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/16/25 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/16/25 00:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/16/25 00:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/16/25 00:38	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/16/25 00:38	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/16/25 00:38	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/16/25 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*11/16/25 00:38*	*1*
Dibromofluoromethane	*113*		*79 - 130*		*11/16/25 00:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*59 - 146*		*11/16/25 00:38*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/16/25 00:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.471**		0.292	0.292	ug/L		11/12/25 13:01	11/13/25 18:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*11/12/25 13:01*	*11/13/25 18:22*	*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		10.3	0.432	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		11/09/25 12:08	11/11/25 23:33	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		11/09/25 12:08	11/11/25 23:33	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		11/09/25 12:08	11/11/25 23:33	1
2-Chlorophenol	ND		10.3	0.863	ug/L		11/09/25 12:08	11/11/25 23:33	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		11/09/25 12:08	11/11/25 23:33	1

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

Job ID: 752-38983-1

Client Sample ID: SW-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-8
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		10.3	0.781	ug/L		11/09/25 12:08	11/11/25 23:33	1
2-Nitroaniline	ND		10.3	1.41	ug/L		11/09/25 12:08	11/11/25 23:33	1
2-Nitrophenol	ND		10.3	1.20	ug/L		11/09/25 12:08	11/11/25 23:33	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		11/09/25 12:08	11/11/25 23:33	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		11/09/25 12:08	11/11/25 23:33	1
3-Nitroaniline	ND		10.3	0.976	ug/L		11/09/25 12:08	11/11/25 23:33	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		11/09/25 12:08	11/11/25 23:33	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		11/09/25 12:08	11/11/25 23:33	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		11/09/25 12:08	11/11/25 23:33	1
4-Chloroaniline	ND		10.3	0.596	ug/L		11/09/25 12:08	11/11/25 23:33	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		11/09/25 12:08	11/11/25 23:33	1
4-Nitroaniline	ND		10.3	3.60	ug/L		11/09/25 12:08	11/11/25 23:33	1
4-Nitrophenol	ND		10.3	2.82	ug/L		11/09/25 12:08	11/11/25 23:33	1
Acenaphthene	ND		10.3	0.647	ug/L		11/09/25 12:08	11/11/25 23:33	1
Acenaphthylene	ND		10.3	0.781	ug/L		11/09/25 12:08	11/11/25 23:33	1
Acetophenone	ND		10.3	3.29	ug/L		11/09/25 12:08	11/11/25 23:33	1
Anthracene	ND		10.3	0.935	ug/L		11/09/25 12:08	11/11/25 23:33	1
Atrazine	ND		10.3	1.16	ug/L		11/09/25 12:08	11/11/25 23:33	1
Benzaldehyde	ND		10.3	0.688	ug/L		11/09/25 12:08	11/11/25 23:33	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		11/09/25 12:08	11/11/25 23:33	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		11/09/25 12:08	11/11/25 23:33	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		11/09/25 12:08	11/11/25 23:33	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		11/09/25 12:08	11/11/25 23:33	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		11/09/25 12:08	11/11/25 23:33	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		11/09/25 12:08	11/11/25 23:33	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		11/09/25 12:08	11/11/25 23:33	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		11/09/25 12:08	11/11/25 23:33	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 23:33	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 23:33	1
Caprolactam	ND	*+	10.3	2.47	ug/L		11/09/25 12:08	11/11/25 23:33	1
Carbazole	ND		10.3	0.329	ug/L		11/09/25 12:08	11/11/25 23:33	1
Chrysene	ND		10.3	1.23	ug/L		11/09/25 12:08	11/11/25 23:33	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		11/09/25 12:08	11/11/25 23:33	1
Dibenzofuran	ND		10.3	0.658	ug/L		11/09/25 12:08	11/11/25 23:33	1
Diethyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 23:33	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 23:33	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		11/09/25 12:08	11/11/25 23:33	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		11/09/25 12:08	11/11/25 23:33	1
Fluoranthene	ND		10.3	0.647	ug/L		11/09/25 12:08	11/11/25 23:33	1
Fluorene	ND		10.3	0.688	ug/L		11/09/25 12:08	11/11/25 23:33	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		11/09/25 12:08	11/11/25 23:33	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		11/09/25 12:08	11/11/25 23:33	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		11/09/25 12:08	11/11/25 23:33	1
Hexachloroethane	ND		10.3	0.545	ug/L		11/09/25 12:08	11/11/25 23:33	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		11/09/25 12:08	11/11/25 23:33	1
Isophorone	ND		10.3	0.822	ug/L		11/09/25 12:08	11/11/25 23:33	1
Naphthalene	ND		10.3	0.771	ug/L		11/09/25 12:08	11/11/25 23:33	1
Nitrobenzene	ND		10.3	0.616	ug/L		11/09/25 12:08	11/11/25 23:33	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		11/09/25 12:08	11/11/25 23:33	1

Client Sample ID: SW-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.3	0.195	ug/L		11/09/25 12:08	11/11/25 23:33	1
Pentachlorophenol	ND		10.3	2.88	ug/L		11/09/25 12:08	11/11/25 23:33	1
Phenanthrene	ND		10.3	0.760	ug/L		11/09/25 12:08	11/11/25 23:33	1
Phenol	ND		10.3	0.699	ug/L		11/09/25 12:08	11/11/25 23:33	1
Pyrene	ND		10.3	0.647	ug/L		11/09/25 12:08	11/11/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 150*	*11/09/25 12:08*	*11/11/25 23:33*	*1*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*	*11/09/25 12:08*	*11/11/25 23:33*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 150*	*11/09/25 12:08*	*11/11/25 23:33*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*11/09/25 12:08*	*11/11/25 23:33*	*1*
Phenol-d5 (Surr)	*77*		*10 - 150*	*11/09/25 12:08*	*11/11/25 23:33*	*1*
Terphenyl-d14 (Surr)	*73*		*28 - 150*	*11/09/25 12:08*	*11/11/25 23:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 14:25	1
Arsenic	**0.541**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 14:25	1
Chromium	**0.547**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 14:25	1
Copper	**4.72**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 14:25	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 14:25	1
Cobalt	**0.115**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 14:25	1
Barium	**36.8**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 14:25	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 14:25	1
Manganese	**25.2**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 14:25	1
Nickel	**1.52**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 14:25	1
Lead	**0.477**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 14:25	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 14:25	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 14:25	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 14:25	1
Vanadium	**0.740**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 14:25	1
Zinc	**68.6**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 14:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:53	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			11/10/25 12:10	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:13	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.317**		0.100	0.0100	mg/L			11/10/25 12:39	1
Nitrate as N (EPA Nitrate by calc)	**0.317**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**34.6**		5.00	1.40	mg/L			11/14/25 12:39	1

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

Job ID: 752-38983-1

Client Sample ID: SW-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-9
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			11/16/25 01:05	1
Benzene	ND		1.00	0.500	ug/L			11/16/25 01:05	1
Bromobenzene	ND		1.00	0.540	ug/L			11/16/25 01:05	1
Bromoform	ND		5.00	0.250	ug/L			11/16/25 01:05	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/16/25 01:05	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/16/25 01:05	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/16/25 01:05	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/16/25 01:05	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/16/25 01:05	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/16/25 01:05	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/16/25 01:05	1
Chloroethane	ND		1.00	0.760	ug/L			11/16/25 01:05	1
Chloroform	ND		1.00	0.900	ug/L			11/16/25 01:05	1
Chloromethane	ND		1.00	0.840	ug/L			11/16/25 01:05	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/16/25 01:05	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/16/25 01:05	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/16/25 01:05	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/16/25 01:05	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/16/25 01:05	1
Dibromomethane	ND		5.00	0.220	ug/L			11/16/25 01:05	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/16/25 01:05	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/16/25 01:05	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/16/25 01:05	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/16/25 01:05	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/16/25 01:05	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/16/25 01:05	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/16/25 01:05	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/16/25 01:05	1
Hexane	ND		1.00	0.960	ug/L			11/16/25 01:05	1
2-Hexanone	ND		25.0	9.10	ug/L			11/16/25 01:05	1
Iodomethane	ND		1.00	0.900	ug/L			11/16/25 01:05	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/16/25 01:05	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/16/25 01:05	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/16/25 01:05	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/16/25 01:05	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/16/25 01:05	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/16/25 01:05	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/16/25 01:05	1
Naphthalene	ND		5.00	3.00	ug/L			11/16/25 01:05	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/16/25 01:05	1
n-Heptane	ND		1.00	0.690	ug/L			11/16/25 01:05	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/16/25 01:05	1

Client Sample ID: SW-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-9
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			11/16/25 01:05	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/16/25 01:05	1
Styrene	ND		1.00	1.00	ug/L			11/16/25 01:05	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/16/25 01:05	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/16/25 01:05	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/16/25 01:05	1
Toluene	ND		1.00	0.900	ug/L			11/16/25 01:05	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/16/25 01:05	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/16/25 01:05	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/16/25 01:05	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/16/25 01:05	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/16/25 01:05	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/16/25 01:05	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/16/25 01:05	1
Trichloroethene	ND		1.00	0.480	ug/L			11/16/25 01:05	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/16/25 01:05	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/16/25 01:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/16/25 01:05	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/16/25 01:05	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/16/25 01:05	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/16/25 01:05	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/16/25 01:05	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/16/25 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*11/16/25 01:05*	*1*
Dibromofluoromethane	*112*		*79 - 130*		*11/16/25 01:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*59 - 146*		*11/16/25 01:05*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/16/25 01:05*	*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	0.442		0.295	0.295	ug/L		11/12/25 13:01	11/13/25 18:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*11/12/25 13:01*	*11/13/25 18:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		11/09/25 12:08	11/12/25 00:03	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		11/09/25 12:08	11/12/25 00:03	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		11/09/25 12:08	11/12/25 00:03	1
2-Chlorophenol	ND		10.1	0.846	ug/L		11/09/25 12:08	11/12/25 00:03	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		11/09/25 12:08	11/12/25 00:03	1

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

Job ID: 752-38983-1

Client Sample ID: SW-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-9
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		10.1	0.765	ug/L		11/09/25 12:08	11/12/25 00:03	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/09/25 12:08	11/12/25 00:03	1
2-Nitrophenol	ND		10.1	1.18	ug/L		11/09/25 12:08	11/12/25 00:03	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		11/09/25 12:08	11/12/25 00:03	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		11/09/25 12:08	11/12/25 00:03	1
3-Nitroaniline	ND		10.1	0.956	ug/L		11/09/25 12:08	11/12/25 00:03	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		11/09/25 12:08	11/12/25 00:03	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/09/25 12:08	11/12/25 00:03	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		11/09/25 12:08	11/12/25 00:03	1
4-Chloroaniline	ND		10.1	0.584	ug/L		11/09/25 12:08	11/12/25 00:03	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/09/25 12:08	11/12/25 00:03	1
4-Nitroaniline	ND		10.1	3.52	ug/L		11/09/25 12:08	11/12/25 00:03	1
4-Nitrophenol	ND		10.1	2.76	ug/L		11/09/25 12:08	11/12/25 00:03	1
Acenaphthene	ND		10.1	0.634	ug/L		11/09/25 12:08	11/12/25 00:03	1
Acenaphthylene	ND		10.1	0.765	ug/L		11/09/25 12:08	11/12/25 00:03	1
Acetophenone	ND		10.1	3.22	ug/L		11/09/25 12:08	11/12/25 00:03	1
Anthracene	ND		10.1	0.916	ug/L		11/09/25 12:08	11/12/25 00:03	1
Atrazine	ND		10.1	1.14	ug/L		11/09/25 12:08	11/12/25 00:03	1
Benzaldehyde	ND		10.1	0.674	ug/L		11/09/25 12:08	11/12/25 00:03	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 12:08	11/12/25 00:03	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/12/25 00:03	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/12/25 00:03	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		11/09/25 12:08	11/12/25 00:03	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		11/09/25 12:08	11/12/25 00:03	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		11/09/25 12:08	11/12/25 00:03	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		11/09/25 12:08	11/12/25 00:03	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		11/09/25 12:08	11/12/25 00:03	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		11/09/25 12:08	11/12/25 00:03	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		11/09/25 12:08	11/12/25 00:03	1
Caprolactam	ND	*+	10.1	2.42	ug/L		11/09/25 12:08	11/12/25 00:03	1
Carbazole	ND		10.1	0.322	ug/L		11/09/25 12:08	11/12/25 00:03	1
Chrysene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/12/25 00:03	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/09/25 12:08	11/12/25 00:03	1
Dibenzofuran	ND		10.1	0.644	ug/L		11/09/25 12:08	11/12/25 00:03	1
Diethyl phthalate	ND		10.1	4.03	ug/L		11/09/25 12:08	11/12/25 00:03	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		11/09/25 12:08	11/12/25 00:03	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		11/09/25 12:08	11/12/25 00:03	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		11/09/25 12:08	11/12/25 00:03	1
Fluoranthene	ND		10.1	0.634	ug/L		11/09/25 12:08	11/12/25 00:03	1
Fluorene	ND		10.1	0.674	ug/L		11/09/25 12:08	11/12/25 00:03	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		11/09/25 12:08	11/12/25 00:03	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		11/09/25 12:08	11/12/25 00:03	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		11/09/25 12:08	11/12/25 00:03	1
Hexachloroethane	ND		10.1	0.534	ug/L		11/09/25 12:08	11/12/25 00:03	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/12/25 00:03	1
Isophorone	ND		10.1	0.805	ug/L		11/09/25 12:08	11/12/25 00:03	1
Naphthalene	ND		10.1	0.755	ug/L		11/09/25 12:08	11/12/25 00:03	1
Nitrobenzene	ND		10.1	0.604	ug/L		11/09/25 12:08	11/12/25 00:03	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		11/09/25 12:08	11/12/25 00:03	1

Client Sample ID: SW-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		11/09/25 12:08	11/12/25 00:03	1
Pentachlorophenol	ND		10.1	2.82	ug/L		11/09/25 12:08	11/12/25 00:03	1
Phenanthrene	ND		10.1	0.745	ug/L		11/09/25 12:08	11/12/25 00:03	1
Phenol	ND		10.1	0.685	ug/L		11/09/25 12:08	11/12/25 00:03	1
Pyrene	ND		10.1	0.634	ug/L		11/09/25 12:08	11/12/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*11/09/25 12:08*	*11/12/25 00:03*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*11/09/25 12:08*	*11/12/25 00:03*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 150*	*11/09/25 12:08*	*11/12/25 00:03*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*11/09/25 12:08*	*11/12/25 00:03*	*1*
Phenol-d5 (Surr)	*72*		*10 - 150*	*11/09/25 12:08*	*11/12/25 00:03*	*1*
Terphenyl-d14 (Surr)	*70*		*28 - 150*	*11/09/25 12:08*	*11/12/25 00:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 15:16	1
Arsenic	**0.473**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 15:16	1
Chromium	**0.618**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 15:16	1
Copper	**4.84**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 15:16	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 15:16	1
Cobalt	**0.200**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 15:16	1
Barium	**35.9**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 15:16	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 15:16	1
Manganese	**38.3**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 15:16	1
Nickel	**1.55**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 15:16	1
Lead	**1.31**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 15:16	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 15:16	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 15:16	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 15:16	1
Vanadium	**0.812**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 15:16	1
Zinc	**67.7**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 15:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:55	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			11/10/25 12:13	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			11/07/25 17:15	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.336**		0.100	0.0100	mg/L			11/10/25 12:41	1
Nitrate as N (EPA Nitrate by calc)	**0.336**		0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	**34.7**		5.00	1.40	mg/L			11/14/25 12:40	1

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

Job ID: 752-38983-1

Client Sample ID: Trip Blank
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-10
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			11/15/25 19:46	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 19:46	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 19:46	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 19:46	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 19:46	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 19:46	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 19:46	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 19:46	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 19:46	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 19:46	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 19:46	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 19:46	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 19:46	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 19:46	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 19:46	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 19:46	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 19:46	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 19:46	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 19:46	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 19:46	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 19:46	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 19:46	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 19:46	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 19:46	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 19:46	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 19:46	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 19:46	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 19:46	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 19:46	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 19:46	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 19:46	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 19:46	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 19:46	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 19:46	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 19:46	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 19:46	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 19:46	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 19:46	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 19:46	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 19:46	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 19:46	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 19:46	1

Client Sample ID: Trip Blank
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38983-10
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			11/15/25 19:46	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 19:46	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 19:46	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 19:46	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 19:46	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 19:46	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 19:46	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 19:46	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 19:46	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 19:46	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 19:46	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 19:46	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 19:46	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 19:46	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 19:46	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 19:46	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 19:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 19:46	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 19:46	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 19:46	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 19:46	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 19:46	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*11/15/25 19:46*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*11/15/25 19:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*59 - 146*		*11/15/25 19:46*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/15/25 19:46*	*1*

Surrogate Summary

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

Job ID: 752-38983-1

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)
752-38983-1	SW-8	102	111	128	99
752-38983-2	SW-7	101 *3	105	108	103
752-38983-2	SW-7	100	111	127	98
752-38983-3	SW-6	100	111	128	100
752-38983-4	SW-5	99	112	127	99
752-38983-5	SW-Dup	100	111	129	100
752-38983-6	SW-4	102	110	131	96
752-38983-7	SW-3	99	111	129	98
752-38983-8	SW-2	99	113	130	99
752-38983-9	SW-1	102	112	130	99
752-38983-10	Trip Blank	101	106	124	97
LCS 400-730706/1002	Lab Control Sample	93	93	82	99
LCS 400-730709/1002	Lab Control Sample	102	102	110	102
MB 400-730706/4	Method Blank	104	100	101	102
MB 400-730709/5	Method Blank	104	108	128	99

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)
752-38983-1	SW-8	101	82	66	107	61	55
752-38983-2	SW-7	100	84	69	109	64	55
752-38983-3	SW-6	103	87	65	112	59	67
752-38983-4	SW-5	101	85	73	115	67	64
752-38983-4 MS	SW-5	103	80	72	112	69	54
752-38983-4 MSD	SW-5	102	81	71	114	70	63
752-38983-5	SW-Dup	72	80	91	73	79	69
752-38983-6	SW-4	79	79	92	74	80	73
752-38983-7	SW-3	72	76	88	71	76	69
752-38983-8	SW-2	78	81	91	71	77	73
752-38983-9	SW-1	73	78	86	70	72	70
LCS 400-729865/2-A	Lab Control Sample	81	76	95	72	88	96
LCS 400-729868/2-A	Lab Control Sample	102	79	70	108	70	76
MB 400-729865/1-A	Method Blank	76	83	94	78	84	93
MB 400-729868/1-A	Method Blank	119	88	91	120	90	84

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: 752-38983-1

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)						
752-38983-1	SW-8	30						
752-38983-2	SW-7	28						
752-38983-3	SW-6	30						
752-38983-4	SW-5	31						
752-38983-5	SW-Dup	35						
752-38983-6	SW-4	30						
752-38983-7	SW-3	33						
752-38983-8	SW-2	26						
752-38983-9	SW-1	24						
LCS 400-730273/2-A	Lab Control Sample	29						
LCSD 400-730273/3-A	Lab Control Sample Dup	28						
MB 400-730273/1-A	Method Blank	29						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730706/4
Matrix: Water
Analysis Batch: 730706

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	0.840	ug/L			11/17/25 14:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/17/25 14:38*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*11/17/25 14:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*11/17/25 14:38*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/17/25 14:38*	*1*

Lab Sample ID: LCS 400-730706/1002
Matrix: Water
Analysis Batch: 730706

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloromethane			50.0	46.48		ug/L		93	58 - 137		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*56 - 136*
Dibromofluoromethane	*93*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*82*		*59 - 146*
Toluene-d8 (Surr)	*99*		*64 - 132*

Lab Sample ID: MB 400-730709/5
Matrix: Water
Analysis Batch: 730709

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			11/15/25 14:29	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 14:29	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 14:29	1
Bromomethane	ND		1.00	0.980	ug/L			11/15/25 14:29	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 14:29	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 14:29	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 14:29	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 14:29	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 14:29	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 14:29	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 14:29	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 14:29	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 14:29	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 14:29	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 14:29	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 14:29	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 14:29	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 14:29	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 14:29	1

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

Lab Sample ID: MB 400-730709/5
Matrix: Water
Analysis Batch: 730709

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 14:29	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 14:29	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 14:29	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 14:29	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 14:29	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 14:29	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 14:29	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 14:29	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 14:29	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 14:29	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 14:29	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 14:29	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 14:29	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 14:29	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 14:29	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 14:29	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 14:29	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/15/25 14:29	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 14:29	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 14:29	1
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 14:29	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 14:29	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 14:29	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 14:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 14:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 14:29	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 14:29	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 14:29	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 14:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 14:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 14:29	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 14:29	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 14:29	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 14:29	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 14:29	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 14:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 14:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 14:29	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 14:29	1

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

Lab Sample ID: MB 400-730709/5
Matrix: Water
Analysis Batch: 730709

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 14:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/15/25 14:29*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*11/15/25 14:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/15/25 14:29*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 14:29*	*1*

Lab Sample ID: LCS 400-730709/1002
Matrix: Water
Analysis Batch: 730709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	378.8	*+	ug/L		189	43 - 150
Benzene	50.0	51.96		ug/L		104	70 - 130
Bromobenzene	50.0	50.24		ug/L		100	70 - 132
Bromoform	50.0	43.94		ug/L		88	57 - 140
Bromomethane	50.0	78.16	*+	ug/L		156	10 - 150
2-Butanone (MEK)	200	213.7		ug/L		107	61 - 145
Carbon disulfide	50.0	45.86		ug/L		92	61 - 137
Carbon tetrachloride	50.0	49.75		ug/L		99	61 - 137
Chlorobenzene	50.0	52.39		ug/L		105	70 - 130
Chlorobromomethane	50.0	51.40		ug/L		103	70 - 130
Chlorodibromomethane	50.0	49.54		ug/L		99	67 - 135
Chloroethane	50.0	57.86		ug/L		116	55 - 141
Chloroform	50.0	54.14		ug/L		108	69 - 130
Chloromethane	50.0	65.64		ug/L		131	58 - 137
2-Chlorotoluene	50.0	57.57		ug/L		115	70 - 130
4-Chlorotoluene	50.0	57.75		ug/L		115	70 - 130
cis-1,2-Dichloroethene	50.0	56.24		ug/L		112	68 - 130
cis-1,3-Dichloropropene	50.0	51.14		ug/L		102	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.51		ug/L		85	54 - 135
Dibromomethane	50.0	51.11		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	54.22		ug/L		108	67 - 130
1,3-Dichlorobenzene	50.0	53.57		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	53.98		ug/L		108	70 - 130
Dichlorobromomethane	50.0	53.25		ug/L		106	67 - 133
1,1-Dichloroethane	50.0	54.85		ug/L		110	70 - 130
1,2-Dichloroethane	50.0	57.00		ug/L		114	69 - 130
1,1-Dichloroethene	50.0	48.95		ug/L		98	63 - 134
1,2-Dichloropropane	50.0	57.49		ug/L		115	70 - 130
1,3-Dichloropropane	50.0	51.88		ug/L		104	70 - 130
2,2-Dichloropropane	50.0	50.58		ug/L		101	52 - 135
1,1-Dichloropropene	50.0	52.07		ug/L		104	70 - 130
Ethyl acetate	100	91.95		ug/L		92	34 - 150
Ethylbenzene	50.0	55.77		ug/L		112	70 - 130
Ethylene Dibromide	50.0	48.80		ug/L		98	70 - 130

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

Lab Sample ID: LCS 400-730709/1002
Matrix: Water
Analysis Batch: 730709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	50.0	60.02		ug/L		120	53 - 140
Hexane	50.0	51.49		ug/L		103	69 - 130
2-Hexanone	200	243.8		ug/L		122	65 - 137
Iodomethane	50.0	44.36		ug/L		89	27 - 150
Isopropylbenzene	50.0	56.79		ug/L		114	70 - 130
Isopropyl ether	50.0	64.01		ug/L		128	64 - 132
4-Isopropyltoluene	50.0	59.02		ug/L		118	65 - 130
Methylene Chloride	50.0	51.61		ug/L		103	66 - 135
4-Methyl-2-pentanone (MIBK)	200	240.8		ug/L		120	69 - 138
Methyl tert-butyl ether	50.0	48.29		ug/L		97	66 - 130
m-Xylene & p-Xylene	50.0	55.03		ug/L		110	70 - 130
Naphthalene	50.0	44.35		ug/L		89	47 - 149
n-Butylbenzene	50.0	66.95	*+	ug/L		134	67 - 130
n-Heptane	50.0	56.18		ug/L		112	70 - 130
N-Propylbenzene	50.0	55.47		ug/L		111	70 - 130
o-Xylene	50.0	55.63		ug/L		111	70 - 130
sec-Butylbenzene	50.0	60.19		ug/L		120	66 - 130
Styrene	50.0	52.97		ug/L		106	70 - 130
tert-Butylbenzene	50.0	59.31		ug/L		119	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.25		ug/L		100	67 - 131
1,1,2,2-Tetrachloroethane	50.0	49.28		ug/L		99	70 - 131
Tetrachloroethene	50.0	50.93		ug/L		102	65 - 130
Toluene	50.0	51.97		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	59.54		ug/L		119	57 - 140
trans-1,2-Dichloroethene	50.0	48.25		ug/L		96	70 - 130
trans-1,3-Dichloropropene	50.0	52.58		ug/L		105	63 - 130
1,2,3-Trichlorobenzene	50.0	49.41		ug/L		99	60 - 138
1,2,4-Trichlorobenzene	50.0	52.76		ug/L		106	60 - 140
1,1,1-Trichloroethane	50.0	50.97		ug/L		102	68 - 130
1,1,2-Trichloroethane	50.0	51.38		ug/L		103	70 - 130
Trichloroethene	50.0	48.58		ug/L		97	70 - 130
Trichlorofluoromethane	50.0	54.51		ug/L		109	65 - 138
1,2,3-Trichloropropane	50.0	47.44		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.75		ug/L		97	60 - 139
1,2,4-Trimethylbenzene	50.0	56.85		ug/L		114	70 - 130
1,3,5-Trimethylbenzene	50.0	56.61		ug/L		113	69 - 130
Vinyl acetate	100	108.6		ug/L		109	26 - 150
Vinyl chloride	50.0	53.29		ug/L		107	59 - 136
Xylenes, Total	100	110.7		ug/L		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*56 - 136*
Dibromofluoromethane	*102*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*
Toluene-d8 (Surr)	*102*		*64 - 132*

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

Lab Sample ID: MB 400-729865/1-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 12:08	11/11/25 16:07	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 12:08	11/11/25 16:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 12:08	11/11/25 16:07	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 12:08	11/11/25 16:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 12:08	11/11/25 16:07	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 16:07	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 12:08	11/11/25 16:07	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 12:08	11/11/25 16:07	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 12:08	11/11/25 16:07	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 12:08	11/11/25 16:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 12:08	11/11/25 16:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 12:08	11/11/25 16:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 12:08	11/11/25 16:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 12:08	11/11/25 16:07	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 12:08	11/11/25 16:07	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 12:08	11/11/25 16:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 12:08	11/11/25 16:07	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 12:08	11/11/25 16:07	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 12:08	11/11/25 16:07	1

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

Lab Sample ID: MB 400-729865/1-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 16:07	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 12:08	11/11/25 16:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 12:08	11/11/25 16:07	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 12:08	11/11/25 16:07	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 12:08	11/11/25 16:07	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 12:08	11/11/25 16:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 12:08	11/11/25 16:07	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 12:08	11/11/25 16:07	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 12:08	11/11/25 16:07	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 12:08	11/11/25 16:07	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 12:08	11/11/25 16:07	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 16:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
2-Fluorophenol (Surr)	*94*		*10 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
Terphenyl-d14 (Surr)	*93*		*28 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*

Lab Sample ID: LCS 400-729865/2-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729865

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	20.11		ug/L		60	27 - 120
2,4,5-Trichlorophenol	33.3	25.59		ug/L		77	27 - 136
2,4,6-Trichlorophenol	33.3	26.39		ug/L		79	21 - 132
2,4-Dichlorophenol	33.3	33.17		ug/L		100	30 - 125
2,4-Dimethylphenol	33.3	32.50		ug/L		97	10 - 142
2,4-Dinitrophenol	66.7	37.16		ug/L		56	10 - 150
2,4-Dinitrotoluene	33.3	25.06		ug/L		75	30 - 129
2,6-Dinitrotoluene	33.3	23.47		ug/L		70	34 - 132
2-Chloronaphthalene	33.3	17.77		ug/L		53	10 - 150
2-Chlorophenol	33.3	29.04		ug/L		87	28 - 127
2-Methylnaphthalene	33.3	21.26		ug/L		64	24 - 150
2-Methylphenol	33.3	29.53		ug/L		89	11 - 121
2-Nitroaniline	33.3	24.90		ug/L		75	31 - 141
2-Nitrophenol	33.3	28.91		ug/L		87	31 - 142
3 & 4 Methylphenol	33.3	23.80		ug/L		71	10 - 150
3,3'-Dichlorobenzidine	66.7	34.92		ug/L		52	10 - 150
3-Nitroaniline	33.3	25.11		ug/L		75	33 - 136

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

Lab Sample ID: LCS 400-729865/2-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729865

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	66.7	36.46		ug/L		55	10 - 150
4-Bromophenyl phenyl ether	33.3	23.65		ug/L		71	24 - 120
4-Chloro-3-methylphenol	33.3	36.12		ug/L		108	10 - 137
4-Chloroaniline	33.3	38.36		ug/L		115	10 - 150
4-Chlorophenyl phenyl ether	33.3	21.43		ug/L		64	31 - 110
4-Nitroaniline	33.3	21.99		ug/L		66	37 - 139
4-Nitrophenol	66.7	47.24		ug/L		71	10 - 150
Acenaphthene	33.3	22.78		ug/L		68	29 - 150
Acenaphthylene	33.3	22.89		ug/L		69	30 - 150
Acetophenone	33.3	24.26		ug/L		73	27 - 119
Anthracene	33.3	26.97		ug/L		81	31 - 150
Atrazine	33.3	26.48		ug/L		79	10 - 150
Benzaldehyde	33.3	24.13		ug/L		72	10 - 150
Benzo[a]anthracene	33.3	26.37		ug/L		79	36 - 150
Benzo[a]pyrene	33.3	26.21		ug/L		79	29 - 150
Benzo[b]fluoranthene	33.3	26.47		ug/L		79	32 - 150
Benzo[g,h,i]perylene	33.3	24.81		ug/L		74	28 - 150
Benzo[k]fluoranthene	33.3	25.77		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.57		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	30.65		ug/L		92	34 - 120
Bis(2-chloroethyl)ether	33.3	24.94		ug/L		75	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	28.12		ug/L		84	24 - 133
Butyl benzyl phthalate	33.3	23.15		ug/L		69	24 - 140
Caprolactam	33.3	70.06	E *+	ug/L		210	10 - 150
Carbazole	33.3	28.44		ug/L		85	28 - 123
Chrysene	33.3	26.85		ug/L		81	34 - 150
Dibenz(a,h)anthracene	33.3	23.44		ug/L		70	29 - 150
Dibenzofuran	33.3	21.63		ug/L		65	35 - 110
Diethyl phthalate	33.3	18.89		ug/L		57	31 - 118
Dimethyl phthalate	33.3	16.28		ug/L		49	24 - 125
Di-n-butyl phthalate	33.3	25.12		ug/L		75	30 - 127
Di-n-octyl phthalate	33.3	28.30		ug/L		85	28 - 142
Fluoranthene	33.3	25.26		ug/L		76	30 - 150
Fluorene	33.3	24.60		ug/L		74	30 - 150
Hexachlorobenzene	33.3	23.42		ug/L		70	29 - 113
Hexachlorobutadiene	33.3	4.071	J	ug/L		12	10 - 117
Hexachlorocyclopentadiene	33.3	5.166	J	ug/L		15	10 - 150
Hexachloroethane	33.3	6.077	J	ug/L		18	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.32		ug/L		64	28 - 150
Isophorone	33.3	24.91		ug/L		75	29 - 125
Naphthalene	33.3	20.34		ug/L		61	27 - 150
Nitrobenzene	33.3	26.52		ug/L		80	29 - 129
N-Nitrosodi-n-propylamine	33.3	27.53		ug/L		83	50 - 134
N-Nitrosodiphenylamine	33.1	26.70		ug/L		81	50 - 132
Pentachlorophenol	66.7	49.25		ug/L		74	14 - 150
Phenanthrene	33.3	25.39		ug/L		76	32 - 150
Phenol	33.3	29.60		ug/L		89	10 - 150
Pyrene	33.3	26.04		ug/L		78	30 - 150

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

Lab Sample ID: LCS 400-729865/2-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729865

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*
2-Fluorophenol (Surr)	*95*		*10 - 150*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*
Phenol-d5 (Surr)	*88*		*10 - 150*
Terphenyl-d14 (Surr)	*96*		*28 - 150*

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 14:00	11/11/25 12:56	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 12:56	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 12:56	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 12:56	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 12:56	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 12:56	1

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 12:56	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 12:56	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 12:56	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 12:56	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
2-Fluorobiphenyl (Surr)	*88*		*25 - 139*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
Nitrobenzene-d5 (Surr)	*120*		*22 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
Phenol-d5 (Surr)	*90*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
Terphenyl-d14 (Surr)	*84*		*28 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.11		ug/L		57	27 - 120
2,4,5-Trichlorophenol	33.3	24.25		ug/L		73	27 - 136
2,4,6-Trichlorophenol	33.3	24.96		ug/L		75	21 - 132
2,4-Dichlorophenol	33.3	24.87		ug/L		75	30 - 125
2,4-Dimethylphenol	33.3	20.41		ug/L		61	10 - 142

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

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrophenol	66.7	66.68		ug/L		100	10 - 150
2,4-Dinitrotoluene	33.3	35.63		ug/L		107	30 - 129
2,6-Dinitrotoluene	33.3	41.04		ug/L		123	34 - 132
2-Chloronaphthalene	33.3	18.77		ug/L		56	10 - 150
2-Chlorophenol	33.3	24.66		ug/L		74	28 - 127
2-Methylnaphthalene	33.3	18.25		ug/L		55	24 - 150
2-Methylphenol	33.3	26.11		ug/L		78	11 - 121
2-Nitroaniline	33.3	41.72		ug/L		125	31 - 141
2-Nitrophenol	33.3	50.69	*+	ug/L		152	31 - 142
3 & 4 Methylphenol	33.3	23.97		ug/L		72	10 - 150
3,3'-Dichlorobenzidine	66.7	24.53		ug/L		37	10 - 150
3-Nitroaniline	33.3	35.88		ug/L		108	33 - 136
4,6-Dinitro-2-methylphenol	66.7	89.48		ug/L		134	10 - 150
4-Bromophenyl phenyl ether	33.3	22.80		ug/L		68	24 - 120
4-Chloro-3-methylphenol	33.3	25.71		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.91		ug/L		78	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.73		ug/L		68	31 - 110
4-Nitroaniline	33.3	35.46		ug/L		106	37 - 139
4-Nitrophenol	66.7	64.13		ug/L		96	10 - 150
Acenaphthene	33.3	21.70		ug/L		65	29 - 150
Acenaphthylene	33.3	21.02		ug/L		63	30 - 150
Acetophenone	33.3	23.42		ug/L		70	27 - 119
Anthracene	33.3	25.81		ug/L		77	31 - 150
Atrazine	33.3	22.66		ug/L		68	10 - 150
Benzaldehyde	33.3	18.82		ug/L		56	10 - 150
Benzo[a]anthracene	33.3	22.37		ug/L		67	36 - 150
Benzo[a]pyrene	33.3	24.44		ug/L		73	29 - 150
Benzo[b]fluoranthene	33.3	22.70		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	25.26		ug/L		76	28 - 150
Benzo[k]fluoranthene	33.3	25.79		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.76		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.26		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	23.80		ug/L		71	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	23.15		ug/L		69	24 - 133
Butyl benzyl phthalate	33.3	24.20		ug/L		73	24 - 140
Caprolactam	33.3	28.73		ug/L		86	10 - 150
Carbazole	33.3	26.40		ug/L		79	28 - 123
Chrysene	33.3	22.80		ug/L		68	34 - 150
Dibenz(a,h)anthracene	33.3	23.71		ug/L		71	29 - 150
Dibenzofuran	33.3	23.86		ug/L		72	35 - 110
Diethyl phthalate	33.3	15.06		ug/L		45	31 - 118
Dimethyl phthalate	33.3	15.53		ug/L		47	24 - 125
Di-n-butyl phthalate	33.3	21.33		ug/L		64	30 - 127
Di-n-octyl phthalate	33.3	25.13		ug/L		75	28 - 142
Fluoranthene	33.3	27.29		ug/L		82	30 - 150
Fluorene	33.3	23.06		ug/L		69	30 - 150
Hexachlorobenzene	33.3	25.47		ug/L		76	29 - 113
Hexachlorobutadiene	33.3	7.418	J	ug/L		22	10 - 117
Hexachlorocyclopentadiene	33.3	8.691	J	ug/L		26	10 - 150

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

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Hexachloroethane			33.3	9.070	J	ug/L		27	10 - 112		
Indeno[1,2,3-cd]pyrene			33.3	21.91		ug/L		66	28 - 150		
Isophorone			33.3	23.33		ug/L		70	29 - 125		
Naphthalene			33.3	18.89		ug/L		57	27 - 150		
Nitrobenzene			33.3	30.97		ug/L		93	29 - 129		
N-Nitrosodi-n-propylamine			33.3	21.77		ug/L		65	50 - 134		
N-Nitrosodiphenylamine			33.1	25.70		ug/L		78	50 - 132		
Pentachlorophenol			66.7	65.92		ug/L		99	14 - 150		
Phenanthrene			33.3	25.19		ug/L		76	32 - 150		
Phenol			33.3	21.48		ug/L		64	10 - 150		
Pyrene			33.3	26.87		ug/L		81	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 150*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*
2-Fluorophenol (Surr)	*70*		*10 - 150*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*
Phenol-d5 (Surr)	*70*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

Lab Sample ID: 752-38983-4 MS
Matrix: Water
Analysis Batch: 730060

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl	ND		32.5	17.61		ug/L		54	50 - 150		
2,4,5-Trichlorophenol	ND		32.5	24.55		ug/L		76	50 - 150		
2,4,6-Trichlorophenol	ND		32.5	24.42		ug/L		75	50 - 150		
2,4-Dichlorophenol	ND		32.5	23.90		ug/L		74	50 - 150		
2,4-Dimethylphenol	ND		32.5	19.40		ug/L		60	50 - 150		
2,4-Dinitrophenol	ND		64.9	81.18		ug/L		125	50 - 150		
2,4-Dinitrotoluene	ND		32.5	34.59		ug/L		107	50 - 150		
2,6-Dinitrotoluene	ND		32.5	40.14		ug/L		124	50 - 150		
2-Chloronaphthalene	ND		32.5	16.90		ug/L		52	50 - 150		
2-Chlorophenol	ND		32.5	24.53		ug/L		76	50 - 150		
2-Methylnaphthalene	ND		32.5	16.50		ug/L		51	50 - 150		
2-Methylphenol	ND		32.5	26.38		ug/L		81	50 - 150		
2-Nitroaniline	ND		32.5	39.87		ug/L		123	50 - 150		
2-Nitrophenol	ND	*+ F1	32.5	49.80	F1	ug/L		153	50 - 150		
3 & 4 Methylphenol	ND		32.5	24.23		ug/L		75	50 - 150		
3,3'-Dichlorobenzidine	ND	F1	64.9	22.00	F1	ug/L		34	50 - 150		
3-Nitroaniline	ND		32.5	34.81		ug/L		107	50 - 150		
4,6-Dinitro-2-methylphenol	ND	F1	64.9	100.9	F1	ug/L		155	50 - 150		
4-Bromophenyl phenyl ether	ND		32.5	19.59		ug/L		60	50 - 150		
4-Chloro-3-methylphenol	ND		32.5	24.86		ug/L		77	50 - 150		
4-Chloroaniline	ND		32.5	25.16		ug/L		77	50 - 150		
4-Chlorophenyl phenyl ether	ND		32.5	20.47		ug/L		63	50 - 150		
4-Nitroaniline	ND		32.5	33.70		ug/L		104	50 - 150		

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

Lab Sample ID: 752-38983-4 MS
Matrix: Water
Analysis Batch: 730060

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitrophenol	ND		64.9	64.18		ug/L		99	50 - 150
Acenaphthene	ND		32.5	19.63		ug/L		60	50 - 150
Acenaphthylene	ND		32.5	19.60		ug/L		60	50 - 150
Acetophenone	ND		32.5	22.51		ug/L		69	50 - 150
Anthracene	ND		32.5	22.34		ug/L		69	50 - 150
Atrazine	ND		32.5	22.88		ug/L		70	50 - 150
Benzaldehyde	ND		32.5	20.81		ug/L		64	50 - 150
Benzo[a]anthracene	ND		32.5	18.62		ug/L		57	50 - 150
Benzo[a]pyrene	ND		32.5	19.72		ug/L		61	50 - 150
Benzo[b]fluoranthene	ND		32.5	18.28		ug/L		56	50 - 150
Benzo[g,h,i]perylene	ND		32.5	20.11		ug/L		62	50 - 150
Benzo[k]fluoranthene	ND		32.5	20.82		ug/L		64	50 - 150
bis (2-chloroisopropyl) ether	ND		32.5	22.22		ug/L		68	50 - 150
Bis(2-chloroethoxy)methane	ND		32.5	24.37		ug/L		75	50 - 150
Bis(2-chloroethyl)ether	ND		32.5	23.47		ug/L		72	50 - 150
Bis(2-ethylhexyl) phthalate	ND		32.5	18.73		ug/L		58	50 - 150
Butyl benzyl phthalate	ND		32.5	21.48		ug/L		66	50 - 150
Caprolactam	ND		32.5	25.61		ug/L		79	50 - 150
Carbazole	ND		32.5	25.81		ug/L		79	50 - 150
Chrysene	ND		32.5	19.08		ug/L		59	50 - 150
Dibenz(a,h)anthracene	ND		32.5	19.55		ug/L		60	50 - 150
Dibenzofuran	ND		32.5	22.15		ug/L		68	50 - 150
Diethyl phthalate	ND	F1	32.5	15.32	F1	ug/L		47	50 - 150
Dimethyl phthalate	ND	F1	32.5	15.51	F1	ug/L		48	50 - 150
Di-n-butyl phthalate	ND		32.5	20.18		ug/L		62	50 - 150
Di-n-octyl phthalate	ND		32.5	20.75		ug/L		64	50 - 150
Fluoranthene	ND		32.5	23.71		ug/L		73	50 - 150
Fluorene	ND		32.5	21.18		ug/L		65	50 - 150
Hexachlorobenzene	ND		32.5	21.35		ug/L		66	50 - 150
Hexachlorobutadiene	ND	F1	32.5	5.503	J F1	ug/L		17	50 - 150
Hexachlorocyclopentadiene	ND	F1	32.5	6.376	J F1	ug/L		20	50 - 150
Hexachloroethane	ND	F1	32.5	7.679	J F1	ug/L		24	50 - 150
Indeno[1,2,3-cd]pyrene	ND		32.5	17.49		ug/L		54	50 - 150
Isophorone	ND		32.5	23.12		ug/L		71	50 - 150
Naphthalene	ND		32.5	18.04		ug/L		56	50 - 150
Nitrobenzene	ND		32.5	30.81		ug/L		95	50 - 150
N-Nitrosodi-n-propylamine	ND		32.5	21.42		ug/L		66	50 - 150
N-Nitrosodiphenylamine	ND		32.2	24.78		ug/L		77	50 - 150
Pentachlorophenol	ND		64.9	70.20		ug/L		108	50 - 150
Phenanthrene	ND		32.5	22.60		ug/L		70	50 - 150
Phenol	ND		32.5	20.75		ug/L		64	50 - 150
Pyrene	ND		32.5	22.98		ug/L		71	50 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*
2-Fluorophenol (Surr)	*72*		*10 - 150*
Nitrobenzene-d5 (Surr)	*112*		*22 - 150*

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

Lab Sample ID: 752-38983-4 MS
Matrix: Water
Analysis Batch: 730060

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 729868

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr)	*69*		*10 - 150*
Terphenyl-d14 (Surr)	*54*		*28 - 150*

Lab Sample ID: 752-38983-4 MSD
Matrix: Water
Analysis Batch: 730060

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		32.2	19.33		ug/L		60	50 - 150	9	40
2,4,5-Trichlorophenol	ND		32.2	25.15		ug/L		78	50 - 150	2	40
2,4,6-Trichlorophenol	ND		32.2	25.66		ug/L		80	50 - 150	5	40
2,4-Dichlorophenol	ND		32.2	25.62		ug/L		80	50 - 150	7	40
2,4-Dimethylphenol	ND		32.2	20.35		ug/L		63	50 - 150	5	40
2,4-Dinitrophenol	ND		64.3	77.45		ug/L		120	50 - 150	5	40
2,4-Dinitrotoluene	ND		32.2	35.40		ug/L		110	50 - 150	2	40
2,6-Dinitrotoluene	ND		32.2	41.50		ug/L		129	50 - 150	3	40
2-Chloronaphthalene	ND		32.2	18.82		ug/L		59	50 - 150	11	40
2-Chlorophenol	ND		32.2	25.30		ug/L		79	50 - 150	3	40
2-Methylnaphthalene	ND		32.2	18.45		ug/L		57	50 - 150	11	40
2-Methylphenol	ND		32.2	27.26		ug/L		85	50 - 150	3	40
2-Nitroaniline	ND		32.2	40.92		ug/L		127	50 - 150	3	40
2-Nitrophenol	ND	*+ F1	32.2	52.78	F1	ug/L		164	50 - 150	6	40
3 & 4 Methylphenol	ND		32.2	24.63		ug/L		77	50 - 150	2	40
3,3'-Dichlorobenzidine	ND	F1	64.3	22.34	F1	ug/L		35	50 - 150	2	40
3-Nitroaniline	ND		32.2	35.25		ug/L		110	50 - 150	1	40
4,6-Dinitro-2-methylphenol	ND	F1	64.3	99.13	F1	ug/L		154	50 - 150	2	40
4-Bromophenyl phenyl ether	ND		32.2	21.54		ug/L		67	50 - 150	9	40
4-Chloro-3-methylphenol	ND		32.2	25.76		ug/L		80	50 - 150	4	40
4-Chloroaniline	ND		32.2	25.36		ug/L		79	50 - 150	1	40
4-Chlorophenyl phenyl ether	ND		32.2	22.48		ug/L		70	50 - 150	9	40
4-Nitroaniline	ND		32.2	33.66		ug/L		105	50 - 150	0	40
4-Nitrophenol	ND		64.3	63.30		ug/L		98	50 - 150	1	40
Acenaphthene	ND		32.2	20.99		ug/L		65	50 - 150	7	40
Acenaphthylene	ND		32.2	20.84		ug/L		65	50 - 150	6	40
Acetophenone	ND		32.2	23.23		ug/L		72	50 - 150	3	40
Anthracene	ND		32.2	24.59		ug/L		76	50 - 150	10	40
Atrazine	ND		32.2	21.54		ug/L		67	50 - 150	6	40
Benzaldehyde	ND		32.2	16.96		ug/L		53	50 - 150	20	40
Benzo[a]anthracene	ND		32.2	21.51		ug/L		67	50 - 150	14	40
Benzo[a]pyrene	ND		32.2	23.42		ug/L		73	50 - 150	17	40
Benzo[b]fluoranthene	ND		32.2	22.83		ug/L		71	50 - 150	22	40
Benzo[g,h,i]perylene	ND		32.2	23.76		ug/L		74	50 - 150	17	40
Benzo[k]fluoranthene	ND		32.2	23.73		ug/L		74	50 - 150	13	40
bis (2-chloroisopropyl) ether	ND		32.2	22.38		ug/L		70	50 - 150	1	40
Bis(2-chloroethoxy)methane	ND		32.2	24.95		ug/L		78	50 - 150	2	40
Bis(2-chloroethyl)ether	ND		32.2	23.94		ug/L		74	50 - 150	2	40
Bis(2-ethylhexyl) phthalate	ND		32.2	21.70		ug/L		67	50 - 150	15	40
Butyl benzyl phthalate	ND		32.2	23.29		ug/L		72	50 - 150	8	40

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

Lab Sample ID: 752-38983-4 MSD
Matrix: Water
Analysis Batch: 730060

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam	ND		32.2	28.08		ug/L		87	50 - 150	9	40
Carbazole	ND		32.2	25.56		ug/L		79	50 - 150	1	40
Chrysene	ND		32.2	21.99		ug/L		68	50 - 150	14	40
Dibenz(a,h)anthracene	ND		32.2	22.92		ug/L		71	50 - 150	16	40
Dibenzofuran	ND		32.2	23.86		ug/L		74	50 - 150	7	40
Diethyl phthalate	ND	F1	32.2	14.73	F1	ug/L		46	50 - 150	4	40
Dimethyl phthalate	ND	F1	32.2	15.31	F1	ug/L		48	50 - 150	1	40
Di-n-butyl phthalate	ND		32.2	20.50		ug/L		64	50 - 150	2	40
Di-n-octyl phthalate	ND		32.2	23.47		ug/L		73	50 - 150	12	40
Fluoranthene	ND		32.2	26.13		ug/L		81	50 - 150	10	40
Fluorene	ND		32.2	22.63		ug/L		70	50 - 150	7	40
Hexachlorobenzene	ND		32.2	24.05		ug/L		75	50 - 150	12	40
Hexachlorobutadiene	ND	F1	32.2	6.369	J F1	ug/L		20	50 - 150	15	40
Hexachlorocyclopentadiene	ND	F1	32.2	8.471	J F1	ug/L		26	50 - 150	28	40
Hexachloroethane	ND	F1	32.2	7.091	J F1	ug/L		22	50 - 150	8	40
Indeno[1,2,3-cd]pyrene	ND		32.2	20.67		ug/L		64	50 - 150	17	40
Isophorone	ND		32.2	23.90		ug/L		74	50 - 150	3	40
Naphthalene	ND		32.2	17.89		ug/L		56	50 - 150	1	40
Nitrobenzene	ND		32.2	31.74		ug/L		99	50 - 150	3	40
N-Nitrosodi-n-propylamine	ND		32.2	21.97		ug/L		68	50 - 150	3	40
N-Nitrosodiphenylamine	ND		31.9	25.13		ug/L		79	50 - 150	1	40
Pentachlorophenol	ND		64.3	68.81		ug/L		107	50 - 150	2	40
Phenanthrene	ND		32.2	23.96		ug/L		75	50 - 150	6	40
Phenol	ND		32.2	21.53		ug/L		67	50 - 150	4	40
Pyrene	ND		32.2	25.48		ug/L		79	50 - 150	10	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 150*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*
2-Fluorophenol (Surr)	*71*		*10 - 150*
Nitrobenzene-d5 (Surr)	*114*		*22 - 150*
Phenol-d5 (Surr)	*70*		*10 - 150*
Terphenyl-d14 (Surr)	*63*		*28 - 150*

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

Lab Sample ID: MB 400-730273/1-A
Matrix: Water
Analysis Batch: 730448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/12/25 13:01	11/13/25 14:49	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*11/12/25 13:01*	*11/13/25 14:49*	*1*

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

Lab Sample ID: LCS 400-730273/2-A
Matrix: Water
Analysis Batch: 730448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730273

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	17.69		ug/L		111	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 140*

Lab Sample ID: LCSD 400-730273/3-A
Matrix: Water
Analysis Batch: 730448

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730273

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.79		ug/L		111	30 - 150	1	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*28*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186750/3-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.900	0.0333	ug/L		11/10/25 15:47	11/11/25 12:06	1
Arsenic	ND		3.60	0.351	ug/L		11/10/25 15:47	11/11/25 12:06	1
Chromium	ND		1.80	0.349	ug/L		11/10/25 15:47	11/11/25 12:06	1
Copper	ND		1.80	0.579	ug/L		11/10/25 15:47	11/11/25 12:06	1
Cadmium	ND		1.80	0.221	ug/L		11/10/25 15:47	11/11/25 12:06	1
Cobalt	ND		1.80	0.0918	ug/L		11/10/25 15:47	11/11/25 12:06	1
Barium	ND		3.60	0.331	ug/L		11/10/25 15:47	11/11/25 12:06	1
Beryllium	ND		0.900	0.288	ug/L		11/10/25 15:47	11/11/25 12:06	1
Manganese	ND		0.900	0.888	ug/L		11/10/25 15:47	11/11/25 12:06	1
Nickel	ND		3.60	0.824	ug/L		11/10/25 15:47	11/11/25 12:06	1
Lead	ND		1.80	0.219	ug/L		11/10/25 15:47	11/11/25 12:06	1
Antimony	ND		1.80	0.366	ug/L		11/10/25 15:47	11/11/25 12:06	1
Selenium	ND		3.60	0.435	ug/L		11/10/25 15:47	11/11/25 12:06	1
Thallium	ND		0.900	0.314	ug/L		11/10/25 15:47	11/11/25 12:06	1
Vanadium	ND		1.80	0.437	ug/L		11/10/25 15:47	11/11/25 12:06	1
Zinc	ND		3.60	1.16	ug/L		11/10/25 15:47	11/11/25 12:06	1

Lab Sample ID: LCS 670-186750/1-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			100	94.34		ug/L		94	80 - 120		
Arsenic			100	94.47		ug/L		94	80 - 120		
Chromium			100	94.86		ug/L		95	80 - 120		
Copper			100	93.64		ug/L		94	80 - 120		

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

Lab Sample ID: LCS 670-186750/1-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	91.95		ug/L		92	80 - 120
Cobalt	100	90.68		ug/L		91	80 - 120
Barium	100	88.85		ug/L		89	80 - 120
Beryllium	100	96.10		ug/L		96	80 - 120
Manganese	1100	1085		ug/L		99	80 - 120
Nickel	100	93.75		ug/L		94	80 - 120
Lead	100	87.61		ug/L		88	80 - 120
Antimony	100	92.63		ug/L		93	80 - 120
Selenium	100	91.68		ug/L		92	80 - 120
Thallium	100	87.40		ug/L		87	80 - 120
Vanadium	100	94.11		ug/L		94	80 - 120
Zinc	100	96.30		ug/L		96	80 - 120

Lab Sample ID: LCSD 670-186750/2-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	100	95.23		ug/L		95	80 - 120	1	20
Arsenic	100	94.72		ug/L		95	80 - 120	0	20
Chromium	100	92.97		ug/L		93	80 - 120	2	20
Copper	100	92.12		ug/L		92	80 - 120	2	20
Cadmium	100	92.71		ug/L		93	80 - 120	1	20
Cobalt	100	89.89		ug/L		90	80 - 120	1	20
Barium	100	89.26		ug/L		89	80 - 120	0	20
Beryllium	100	97.88		ug/L		98	80 - 120	2	20
Manganese	1100	1065		ug/L		97	80 - 120	2	20
Nickel	100	92.70		ug/L		93	80 - 120	1	20
Lead	100	86.98		ug/L		87	80 - 120	1	20
Antimony	100	92.07		ug/L		92	80 - 120	1	20
Selenium	100	90.21		ug/L		90	80 - 120	2	20
Thallium	100	90.40		ug/L		90	80 - 120	3	20
Vanadium	100	92.79		ug/L		93	80 - 120	1	20
Zinc	100	95.43		ug/L		95	80 - 120	1	20

Lab Sample ID: 752-38983-1 MS
Matrix: Water
Analysis Batch: 187233

Client Sample ID: SW-8
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND		111	106.1		ug/L		95	75 - 125
Arsenic	0.569	J	111	106.4		ug/L		95	75 - 125
Chromium	0.479	J	111	105.2		ug/L		94	75 - 125
Copper	3.56		111	106.0		ug/L		92	75 - 125
Cadmium	ND		111	103.3		ug/L		93	75 - 125
Cobalt	0.129	J	111	101.0		ug/L		91	75 - 125
Barium	31.3		111	132.0		ug/L		91	75 - 125
Beryllium	ND		111	108.4		ug/L		98	75 - 125
Manganese	37.0		1220	1215		ug/L		96	75 - 125

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

Lab Sample ID: 752-38983-1 MS
Matrix: Water
Analysis Batch: 187233

Client Sample ID: SW-8
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	1.23	J	111	104.9		ug/L		93	75 - 125
Lead	0.504	J	111	98.36		ug/L		88	75 - 125
Antimony	ND		111	104.2		ug/L		94	75 - 125
Selenium	ND		111	97.54		ug/L		88	75 - 125
Thallium	ND		111	101.4		ug/L		91	75 - 125
Vanadium	0.689	J	111	105.2		ug/L		94	75 - 125
Zinc	55.7		111	158.3		ug/L		92	75 - 125

Lab Sample ID: 752-38983-1 MSD
Matrix: Water
Analysis Batch: 187233

Client Sample ID: SW-8
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND		111	105.9		ug/L		95	75 - 125	0	20
Arsenic	0.569	J	111	107.6		ug/L		96	75 - 125	1	20
Chromium	0.479	J	111	105.2		ug/L		94	75 - 125	0	20
Copper	3.56		111	106.2		ug/L		92	75 - 125	0	20
Cadmium	ND		111	104.0		ug/L		94	75 - 125	1	20
Cobalt	0.129	J	111	101.2		ug/L		91	75 - 125	0	20
Barium	31.3		111	132.7		ug/L		91	75 - 125	1	20
Beryllium	ND		111	108.9		ug/L		98	75 - 125	1	20
Manganese	37.0		1220	1230		ug/L		98	75 - 125	1	20
Nickel	1.23	J	111	105.4		ug/L		94	75 - 125	0	20
Lead	0.504	J	111	100.1		ug/L		90	75 - 125	2	20
Antimony	ND		111	106.1		ug/L		95	75 - 125	2	20
Selenium	ND		111	101.4		ug/L		91	75 - 125	4	20
Thallium	ND		111	102.9		ug/L		93	75 - 125	1	20
Vanadium	0.689	J	111	105.2		ug/L		94	75 - 125	0	20
Zinc	55.7		111	159.9		ug/L		94	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 670-186873/13-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186873

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 09:38	11/11/25 14:27	1

Lab Sample ID: LCS 670-186873/11-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.120		ug/L		102	85 - 115

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

Lab Sample ID: LCSD 670-186873/12-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186873

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			5.00	4.920		ug/L		98	85 - 115	4	20

Lab Sample ID: MB 670-186950/13-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:40	1

Lab Sample ID: LCS 670-186950/11-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186950

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			5.00	4.850		ug/L		97	85 - 115		

Lab Sample ID: LCSD 670-186950/12-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186950

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			5.00	4.830		ug/L		97	85 - 115	0	20

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

Lab Sample ID: MB 680-887112/13
Matrix: Water
Analysis Batch: 887112

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			11/10/25 10:50	1

Lab Sample ID: LCS 680-887112/14
Matrix: Water
Analysis Batch: 887112

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	0.9903		mg/L		99	90 - 110		

Lab Sample ID: 752-38983-1 MS
Matrix: Water
Analysis Batch: 887112

Client Sample ID: SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND		1.00	0.9444		mg/L		94	90 - 110		

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

Lab Sample ID: 752-38983-1 MSD
Matrix: Water
Analysis Batch: 887112

Client Sample ID: SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	0.9532		mg/L		95	90 - 110	1	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14110/10
Matrix: Water
Analysis Batch: 14110

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			11/07/25 16:57	1

Lab Sample ID: LCS 752-14110/13
Matrix: Water
Analysis Batch: 14110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	1.004		mg/L		100	90 - 110

Lab Sample ID: LCSD 752-14110/40
Matrix: Water
Analysis Batch: 14110

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	1.00	1.043		mg/L		104	90 - 110	4	10

Lab Sample ID: 752-38983-9 MS
Matrix: Water
Analysis Batch: 14110

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND		1.00	1.022		mg/L		102	90 - 110

Lab Sample ID: 752-38983-9 MSD
Matrix: Water
Analysis Batch: 14110

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND		1.00	1.027		mg/L		103	90 - 110	0	10

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

Lab Sample ID: MB 680-887107/28
Matrix: Water
Analysis Batch: 887107

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			11/10/25 12:32	1

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

Lab Sample ID: LCS 680-887107/29
Matrix: Water
Analysis Batch: 887107

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	0.9990		mg/L		100	90 - 110		

Lab Sample ID: 752-38983-1 MS
Matrix: Water
Analysis Batch: 887107

Client Sample ID: SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	0.293	F1	1.00	0.8920	F1	mg/L		60	90 - 110		

Lab Sample ID: 752-38983-1 MSD
Matrix: Water
Analysis Batch: 887107

Client Sample ID: SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.293	F1	1.00	0.9320	F1	mg/L		64	90 - 110	4	10

Lab Sample ID: 752-38983-2 MS
Matrix: Water
Analysis Batch: 887107

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	0.292	F1	1.00	0.9900	F1	mg/L		70	90 - 110		

Lab Sample ID: 752-38983-2 MSD
Matrix: Water
Analysis Batch: 887107

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.292	F1	1.00	1.074	F1	mg/L		78	90 - 110	8	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-730649/12
Matrix: Water
Analysis Batch: 730649

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			11/14/25 12:32	1

Lab Sample ID: LCS 400-730649/13
Matrix: Water
Analysis Batch: 730649

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	16.33		mg/L		109	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-730649/14
Matrix: Water
Analysis Batch: 730649

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	4.657	J	mg/L		93	50 - 150		

Lab Sample ID: 752-38983-1 MS
Matrix: Water
Analysis Batch: 730649

Client Sample ID: SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	40.0	F1	10.0	45.05	F1	mg/L		51	77 - 128		

Lab Sample ID: 752-38983-1 MSD
Matrix: Water
Analysis Batch: 730649

Client Sample ID: SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	40.0	F1	10.0	45.62	F1	mg/L		56	77 - 128	1	5

GC/MS VOA

Analysis Batch: 730706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-2	SW-7	Total/NA	Water	8260D	
MB 400-730706/4	Method Blank	Total/NA	Water	8260D	
LCS 400-730706/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 730709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	8260D	
752-38983-2	SW-7	Total/NA	Water	8260D	
752-38983-3	SW-6	Total/NA	Water	8260D	
752-38983-4	SW-5	Total/NA	Water	8260D	
752-38983-5	SW-Dup	Total/NA	Water	8260D	
752-38983-6	SW-4	Total/NA	Water	8260D	
752-38983-7	SW-3	Total/NA	Water	8260D	
752-38983-8	SW-2	Total/NA	Water	8260D	
752-38983-9	SW-1	Total/NA	Water	8260D	
752-38983-10	Trip Blank	Total/NA	Water	8260D	
MB 400-730709/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730709/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-5	SW-Dup	Total/NA	Water	3511	
752-38983-6	SW-4	Total/NA	Water	3511	
752-38983-7	SW-3	Total/NA	Water	3511	
752-38983-8	SW-2	Total/NA	Water	3511	
752-38983-9	SW-1	Total/NA	Water	3511	
MB 400-729865/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729865/2-A	Lab Control Sample	Total/NA	Water	3511	

Prep Batch: 729868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	3511	
752-38983-2	SW-7	Total/NA	Water	3511	
752-38983-3	SW-6	Total/NA	Water	3511	
752-38983-4	SW-5	Total/NA	Water	3511	
MB 400-729868/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	3511	
752-38983-4 MS	SW-5	Total/NA	Water	3511	
752-38983-4 MSD	SW-5	Total/NA	Water	3511	

Analysis Batch: 730057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-5	SW-Dup	Total/NA	Water	8270E	729865
752-38983-6	SW-4	Total/NA	Water	8270E	729865
752-38983-7	SW-3	Total/NA	Water	8270E	729865
752-38983-8	SW-2	Total/NA	Water	8270E	729865
752-38983-9	SW-1	Total/NA	Water	8270E	729865
MB 400-729865/1-A	Method Blank	Total/NA	Water	8270E	729865
LCS 400-729865/2-A	Lab Control Sample	Total/NA	Water	8270E	729865

GC/MS Semi VOA

Analysis Batch: 730060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	8270E	729868
752-38983-2	SW-7	Total/NA	Water	8270E	729868
752-38983-3	SW-6	Total/NA	Water	8270E	729868
752-38983-4	SW-5	Total/NA	Water	8270E	729868
MB 400-729868/1-A	Method Blank	Total/NA	Water	8270E	729868
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	8270E	729868
752-38983-4 MS	SW-5	Total/NA	Water	8270E	729868
752-38983-4 MSD	SW-5	Total/NA	Water	8270E	729868

Prep Batch: 730273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	3510C	
752-38983-2	SW-7	Total/NA	Water	3510C	
752-38983-3	SW-6	Total/NA	Water	3510C	
752-38983-4	SW-5	Total/NA	Water	3510C	
752-38983-5	SW-Dup	Total/NA	Water	3510C	
752-38983-6	SW-4	Total/NA	Water	3510C	
752-38983-7	SW-3	Total/NA	Water	3510C	
752-38983-8	SW-2	Total/NA	Water	3510C	
752-38983-9	SW-1	Total/NA	Water	3510C	
MB 400-730273/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-730273/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-730273/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 730448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	8270E SIM ID	730273
752-38983-2	SW-7	Total/NA	Water	8270E SIM ID	730273
752-38983-3	SW-6	Total/NA	Water	8270E SIM ID	730273
752-38983-4	SW-5	Total/NA	Water	8270E SIM ID	730273
752-38983-5	SW-Dup	Total/NA	Water	8270E SIM ID	730273
752-38983-6	SW-4	Total/NA	Water	8270E SIM ID	730273
752-38983-7	SW-3	Total/NA	Water	8270E SIM ID	730273
752-38983-8	SW-2	Total/NA	Water	8270E SIM ID	730273
752-38983-9	SW-1	Total/NA	Water	8270E SIM ID	730273
MB 400-730273/1-A	Method Blank	Total/NA	Water	8270E SIM ID	730273
LCS 400-730273/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	730273
LCSD 400-730273/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	730273

Metals

Prep Batch: 186750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total Recoverable	Water	3005A	
752-38983-2	SW-7	Total Recoverable	Water	3005A	
752-38983-3	SW-6	Total Recoverable	Water	3005A	
752-38983-4	SW-5	Total Recoverable	Water	3005A	
752-38983-5	SW-Dup	Total Recoverable	Water	3005A	
752-38983-6	SW-4	Total Recoverable	Water	3005A	
752-38983-7	SW-3	Total Recoverable	Water	3005A	
752-38983-8	SW-2	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 186750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-9	SW-1	Total Recoverable	Water	3005A	
MB 670-186750/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-186750/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-186750/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
752-38983-1 MS	SW-8	Total Recoverable	Water	3005A	
752-38983-1 MSD	SW-8	Total Recoverable	Water	3005A	

Prep Batch: 186873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	7470A	
752-38983-2	SW-7	Total/NA	Water	7470A	
752-38983-3	SW-6	Total/NA	Water	7470A	
752-38983-4	SW-5	Total/NA	Water	7470A	
752-38983-5	SW-Dup	Total/NA	Water	7470A	
752-38983-6	SW-4	Total/NA	Water	7470A	
752-38983-7	SW-3	Total/NA	Water	7470A	
MB 670-186873/13-A	Method Blank	Total/NA	Water	7470A	
LCS 670-186873/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 670-186873/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 186950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-8	SW-2	Total/NA	Water	7470A	
752-38983-9	SW-1	Total/NA	Water	7470A	
MB 670-186950/13-A	Method Blank	Total/NA	Water	7470A	
LCS 670-186950/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 670-186950/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 187035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	7470A	186873
752-38983-2	SW-7	Total/NA	Water	7470A	186873
752-38983-3	SW-6	Total/NA	Water	7470A	186873
752-38983-4	SW-5	Total/NA	Water	7470A	186873
752-38983-5	SW-Dup	Total/NA	Water	7470A	186873
752-38983-6	SW-4	Total/NA	Water	7470A	186873
752-38983-7	SW-3	Total/NA	Water	7470A	186873
MB 670-186873/13-A	Method Blank	Total/NA	Water	7470A	186873
LCS 670-186873/11-A	Lab Control Sample	Total/NA	Water	7470A	186873
LCSD 670-186873/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	186873

Analysis Batch: 187233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total Recoverable	Water	6020B	186750
752-38983-2	SW-7	Total Recoverable	Water	6020B	186750
752-38983-3	SW-6	Total Recoverable	Water	6020B	186750
752-38983-4	SW-5	Total Recoverable	Water	6020B	186750
752-38983-5	SW-Dup	Total Recoverable	Water	6020B	186750
752-38983-6	SW-4	Total Recoverable	Water	6020B	186750
752-38983-7	SW-3	Total Recoverable	Water	6020B	186750
752-38983-8	SW-2	Total Recoverable	Water	6020B	186750

Metals (Continued)

Analysis Batch: 187233 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-9	SW-1	Total Recoverable	Water	6020B	186750
MB 670-186750/3-A	Method Blank	Total Recoverable	Water	6020B	186750
LCS 670-186750/1-A	Lab Control Sample	Total Recoverable	Water	6020B	186750
LCSD 670-186750/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	186750
752-38983-1 MS	SW-8	Total Recoverable	Water	6020B	186750
752-38983-1 MSD	SW-8	Total Recoverable	Water	6020B	186750

Analysis Batch: 187324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-8	SW-2	Total/NA	Water	7470A	186950
752-38983-9	SW-1	Total/NA	Water	7470A	186950
MB 670-186950/13-A	Method Blank	Total/NA	Water	7470A	186950
LCS 670-186950/11-A	Lab Control Sample	Total/NA	Water	7470A	186950
LCSD 670-186950/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	186950

General Chemistry

Analysis Batch: 14110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	353.2	
752-38983-2	SW-7	Total/NA	Water	353.2	
752-38983-3	SW-6	Total/NA	Water	353.2	
752-38983-4	SW-5	Total/NA	Water	353.2	
752-38983-5	SW-Dup	Total/NA	Water	353.2	
752-38983-6	SW-4	Total/NA	Water	353.2	
752-38983-7	SW-3	Total/NA	Water	353.2	
752-38983-8	SW-2	Total/NA	Water	353.2	
752-38983-9	SW-1	Total/NA	Water	353.2	
MB 752-14110/10	Method Blank	Total/NA	Water	353.2	
LCS 752-14110/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14110/40	Lab Control Sample Dup	Total/NA	Water	353.2	
752-38983-9 MS	SW-1	Total/NA	Water	353.2	
752-38983-9 MSD	SW-1	Total/NA	Water	353.2	

Analysis Batch: 730649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	SM 4500 SO4 E	
752-38983-2	SW-7	Total/NA	Water	SM 4500 SO4 E	
752-38983-3	SW-6	Total/NA	Water	SM 4500 SO4 E	
752-38983-4	SW-5	Total/NA	Water	SM 4500 SO4 E	
752-38983-5	SW-Dup	Total/NA	Water	SM 4500 SO4 E	
752-38983-6	SW-4	Total/NA	Water	SM 4500 SO4 E	
752-38983-7	SW-3	Total/NA	Water	SM 4500 SO4 E	
752-38983-8	SW-2	Total/NA	Water	SM 4500 SO4 E	
752-38983-9	SW-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-730649/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730649/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730649/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-38983-1 MS	SW-8	Total/NA	Water	SM 4500 SO4 E	
752-38983-1 MSD	SW-8	Total/NA	Water	SM 4500 SO4 E	

General Chemistry

Analysis Batch: 887107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	353.2-1993 R2.0	
752-38983-2	SW-7	Total/NA	Water	353.2-1993 R2.0	
752-38983-3	SW-6	Total/NA	Water	353.2-1993 R2.0	
752-38983-4	SW-5	Total/NA	Water	353.2-1993 R2.0	
752-38983-5	SW-Dup	Total/NA	Water	353.2-1993 R2.0	
752-38983-6	SW-4	Total/NA	Water	353.2-1993 R2.0	
752-38983-7	SW-3	Total/NA	Water	353.2-1993 R2.0	
752-38983-8	SW-2	Total/NA	Water	353.2-1993 R2.0	
752-38983-9	SW-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887107/28	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887107/29	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-38983-1 MS	SW-8	Total/NA	Water	353.2-1993 R2.0	
752-38983-1 MSD	SW-8	Total/NA	Water	353.2-1993 R2.0	
752-38983-2 MS	SW-7	Total/NA	Water	353.2-1993 R2.0	
752-38983-2 MSD	SW-7	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	350.1-1993 R2.0	
752-38983-2	SW-7	Total/NA	Water	350.1-1993 R2.0	
752-38983-3	SW-6	Total/NA	Water	350.1-1993 R2.0	
752-38983-4	SW-5	Total/NA	Water	350.1-1993 R2.0	
752-38983-5	SW-Dup	Total/NA	Water	350.1-1993 R2.0	
752-38983-6	SW-4	Total/NA	Water	350.1-1993 R2.0	
752-38983-7	SW-3	Total/NA	Water	350.1-1993 R2.0	
752-38983-8	SW-2	Total/NA	Water	350.1-1993 R2.0	
752-38983-9	SW-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887112/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887112/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-38983-1 MS	SW-8	Total/NA	Water	350.1-1993 R2.0	
752-38983-1 MSD	SW-8	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38983-1	SW-8	Total/NA	Water	Nitrate by calc	
752-38983-2	SW-7	Total/NA	Water	Nitrate by calc	
752-38983-3	SW-6	Total/NA	Water	Nitrate by calc	
752-38983-4	SW-5	Total/NA	Water	Nitrate by calc	
752-38983-5	SW-Dup	Total/NA	Water	Nitrate by calc	
752-38983-6	SW-4	Total/NA	Water	Nitrate by calc	
752-38983-7	SW-3	Total/NA	Water	Nitrate by calc	
752-38983-8	SW-2	Total/NA	Water	Nitrate by calc	
752-38983-9	SW-1	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

Client Sample ID: SW-8
Lab Sample ID: 752-38983-1
Date Collected: 11/06/25 10:50
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 21:33
Total/NA	Prep	3511			729868	JPH	EET PEN	11/09/25 14:00
Total/NA	Analysis	8270E		1	730060	JAW	EET PEN	11/11/25 16:10
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 15:53
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 12:16
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:46
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 11:36
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:06
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 11:49
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:34

Client Sample ID: SW-7
Lab Sample ID: 752-38983-2
Date Collected: 11/06/25 11:30
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 21:59
Total/NA	Analysis	8260D		1	730706	BPO	EET PEN	11/17/25 19:41
Total/NA	Prep	3511			729868	JPH	EET PEN	11/09/25 14:00
Total/NA	Analysis	8270E		1	730060	JAW	EET PEN	11/11/25 16:42
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 16:14
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 12:54
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:50
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 11:44
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:07
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 11:54
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:36

Client Sample ID: SW-6
Lab Sample ID: 752-38983-3
Date Collected: 11/06/25 12:30
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 22:26

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

Client Sample ID: SW-6
Lab Sample ID: 752-38983-3
Date Collected: 11/06/25 12:30
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			729868	JPH	EET PEN	11/09/25 14:00
Total/NA	Analysis	8270E		1	730060	JAW	EET PEN	11/11/25 17:15
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 16:36
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 12:56
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:52
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 11:46
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:08
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 11:59
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:37

Client Sample ID: SW-5
Lab Sample ID: 752-38983-4
Date Collected: 11/06/25 13:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 22:52
Total/NA	Prep	3511			729868	JPH	EET PEN	11/09/25 14:00
Total/NA	Analysis	8270E		1	730060	JAW	EET PEN	11/11/25 15:05
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 16:57
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 13:01
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:53
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 11:49
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:09
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:01
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:37

Client Sample ID: SW-Dup
Lab Sample ID: 752-38983-5
Date Collected: 11/06/25 13:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 23:19
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 22:03
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 17:18

Client Sample ID: SW-Dup
Lab Sample ID: 752-38983-5

Date Collected: 11/06/25 13:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 13:04
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:55
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 11:52
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:10
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:03
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:38

Client Sample ID: SW-4
Lab Sample ID: 752-38983-6

Date Collected: 11/06/25 13:30
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 23:45
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 22:33
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 17:40
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 14:12
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:56
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 12:05
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:11
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:05
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:38

Client Sample ID: SW-3
Lab Sample ID: 752-38983-7

Date Collected: 11/06/25 14:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/16/25 00:12
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 23:03
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 18:01
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 14:17
Total/NA	Prep	7470A			186873	CM	EET ORL	11/11/25 09:38
Total/NA	Analysis	7470A		1	187035	EB	EET ORL	11/11/25 14:57

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

Client Sample ID: SW-3
Lab Sample ID: 752-38983-7
Date Collected: 11/06/25 14:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 12:08
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:12
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:07
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:39

Client Sample ID: SW-2
Lab Sample ID: 752-38983-8
Date Collected: 11/06/25 14:30
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/16/25 00:38
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 23:33
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 18:22
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 14:25
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:53
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 12:10
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:13
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:39
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:39

Client Sample ID: SW-1
Lab Sample ID: 752-38983-9
Date Collected: 11/06/25 15:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/16/25 01:05
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/12/25 00:03
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730448	VC1	EET PEN	11/13/25 18:44
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 15:16
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:55
Total/NA	Analysis	350.1-1993 R2.0		1	887112	DJ	EET SAV	11/10/25 12:13
Total/NA	Analysis	353.2		1	14110	CB	EET RAL	11/07/25 17:15
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:41

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

Client Sample ID: SW-1
Lab Sample ID: 752-38983-9

Date Collected: 11/06/25 15:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:40

Client Sample ID: Trip Blank
Lab Sample ID: 752-38983-10

Date Collected: 11/06/25 00:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730709	BPO	EET PEN	11/15/25 19:46

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38983-1
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 Orlando

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	12-31-25

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Job ID: 752-38983-1
Project/Site: Walltown Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ORL
7470A	Mercury (CVAA)	SW846	EET ORL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate (EPA 353.2 minus SM 4500-NO2 B)	EPA	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL
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 ORL

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 752-38983-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38983-1	SW-8	Water	11/06/25 10:50	11/06/25 16:45	North Carolina
752-38983-2	SW-7	Water	11/06/25 11:30	11/06/25 16:45	North Carolina
752-38983-3	SW-6	Water	11/06/25 12:30	11/06/25 16:45	North Carolina
752-38983-4	SW-5	Water	11/06/25 13:00	11/06/25 16:45	North Carolina
752-38983-5	SW-Dup	Water	11/06/25 13:00	11/06/25 16:45	North Carolina
752-38983-6	SW-4	Water	11/06/25 13:30	11/06/25 16:45	North Carolina
752-38983-7	SW-3	Water	11/06/25 14:00	11/06/25 16:45	North Carolina
752-38983-8	SW-2	Water	11/06/25 14:30	11/06/25 16:45	North Carolina
752-38983-9	SW-1	Water	11/06/25 15:00	11/06/25 16:45	North Carolina
752-38983-10	Trip Blank	Water	11/06/25 00:00	11/06/25 16:45	North Carolina

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
		Bechtold, Chad		680-167644-59299.1
Client Contact: Jerry Paul	Phone: (919) 303-9791	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:	Analysis Requested	Preservation Codes: N - None; S - H2SO4; D - HNO3; A - HCL
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 #: 23050630, Phase AA		
Email: jpaul@smeinc.com	WO #:		
Project Name: Walltown Park	Project #: 68026680		
Site:	SSOW#:		

752-38983 COC

Other:

NCDEQ EQ. IS EDDs

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9056A_ORGFM_28D - Sulfate; 353.2 - Nitrite (48 hour HT)	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	6020B - PRLF 16 Metals, Including prep; 7470A - Mercury	8260D - VOC NC 02L List	8270E_SIM_MS_ID - 1,4-Dioxane	8270E_QQQ - SVOC TCL OLM4.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	A	N	N		
SW-8	11/6/25	1050	G	W	Y		X	X	X	X	X	X		
SW-7		1130					X	X	X	X	X	X		
SW-6		1230					X	X	X	X	X	X		
SW-5		1300					X	X	X	X	X	X		
SW-Dup		1300					X	X	X	X	X	X		
SW-4		1330					X	X	X	X	X	X		
SW-3		1400					X	X	X	X	X	X		
SW-2		1430					X	X	X	X	X	X		
SW-1		1500					X	X	X	X	X	X		
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
	11/6/25 1645	S&ME		11/6/25 1645	
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), 3.1/(2.9°C) BR

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: 752-7190.1
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 #: 752-38983-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/18/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DI/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
SW-8 (752-38983-1)	11/6/25	10 50 Eastern	G	Water			X	X	X	X	10	
SW-7 (752-38983-2)	11/6/25	11 30 Eastern	G	Water			X	X	X	X	10	
SW-6 (752-38983-3)	11/6/25	12.30 Eastern	G	Water			X	X	X	X	10	
SW-5 (752-38983-4)	11/6/25	13 00 Eastern	G	Water			X	X	X	X	10	
SW-Dup (752-38983-5)	11/6/25	13 00 Eastern	G	Water			X	X	X	X	10	
SW-4 (752-38983-6)	11/6/25	13.30 Eastern	G	Water			X	X	X	X	10	
SW-3 (752-38983-7)	11/6/25	14 00 Eastern	G	Water			X	X	X	X	10	
SW-2 (752-38983-8)	11/6/25	14 30 Eastern	G	Water			X	X	X	X	10	
SW-1 (752-38983-9)	11/6/25	15 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: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: BR	Date/Time: 11/7/25 1640	Company	Received by:	Date/Time: 11/08/25 1909	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.1°C, 1.6°C, 0.4°C, 3.3°C, 4.9°C/IR

Ver 10/10/2024

11/20/2025

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: 752-7190 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 #: 752-38983-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/18/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
Trip Blank (752-38983-10)	11/6/25	Eastern	G	Water			X					

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

Possible Hazard Identification: 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	DR	11/7/25 1646			11/08/25/909	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.1°C, 1.0°C, 0.4°C, 3.3°C, 4.9°C IR11

Ver 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold Chad	Carrier Tracking No(s): N/A	COC No: 752 7189 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 #: 752-38983-1
Address: 481 Newburyport Avenue	Due Date Requested: 11/17/2025			
City: Altamonte Springs	TAT Requested (days): N/A			
State, Zip: FL 32701				
Phone: 407-339-5984(Tel) 407-260-6110(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)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note
			Preservation Code:							
SW-8 (752-38983-1)	11/6/25	10 50 Eastern	G	Water			X	X	1	
SW-7 (752-38983-2)	11/6/25	11 30 Eastern	G	Water			X	X	1	
SW-6 (752-38983-3)	11/6/25	12 30 Eastern	G	Water			X	X	1	
SW-5 (752-38983-4)	11/6/25	13 00 Eastern	G	Water			X	X	1	
SW-Dup (752-38983-5)	11/6/25	13 00 Eastern	G	Water			X	X	1	
SW-4 (752-38983-6)	11/6/25	13 30 Eastern	G	Water			X	X	1	
SW-3 (752-38983-7)	11/6/25	14 00 Eastern	G	Water			X	X	1	
SW-2 (752-38983-8)	11/6/25	14 30 Eastern	G	Water			X	X	1	
SW-1 (752-38983-9)	11/6/25	15 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 *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
DR	11/7/25 1635		Edwin F	11/8/25 0930	

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 5\5

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: 752-7191.1
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 #: 752-38983-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/18/2025			
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:								
SW-8 (752-38983-1)	11/6/25	10:50 Eastern	G	Water			X	X	X	1	
SW-7 (752-38983-2)	11/6/25	11:30 Eastern	G	Water			X	X	X	1	
SW-6 (752-38983-3)	11/6/25	12:30 Eastern	G	Water			X	X	X	1	
SW-5 (752-38983-4)	11/6/25	13:00 Eastern	G	Water			X	X	X	1	
SW-Dup (752-38983-5)	11/6/25	13:00 Eastern	G	Water			X	X	X	1	
SW-4 (752-38983-6)	11/6/25	13:30 Eastern	G	Water			X	X	X	1	
SW-3 (752-38983-7)	11/6/25	14:00 Eastern	G	Water			X	X	X	1	
SW-2 (752-38983-8)	11/6/25	14:30 Eastern	G	Water			X	X	X	1	
SW-1 (752-38983-9)	11/6/25	15:00 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
[illegible]	11/7/25 16:50		[illegible]	11/8/25 1050	EUNOR
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: 1.8/1.9

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38983-1

Login Number: 38983

List Source: Eurofins Raleigh

List Number: 1

Creator: Ortiz, Daniel

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: 752-38983-1

Login Number: 38983
List Number: 3
Creator: Santiago, Edwin

List Source: Eurofins Orlando
List Creation: 11/08/25 11:26 AM

Question	Answer	Comment
The cooler or samples do not appear to have been compromised or tampered with	True	
Samples were received on ice.	False	Thermal preservation not required.
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.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	
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	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38983-1

Login Number: 38983
List Number: 4
Creator: Wilson, Derek A

List Source: Eurofins Pensacola
List Creation: 11/08/25 11:42 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7°C IR11 1.8°C IR11 0.4°C IR11 3.3°C IR11 4.9°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: 752-38983-1

Login Number: 38983
List Number: 2
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 11/08/25 11:23 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/25/2025 7:19:06 AM

JOB DESCRIPTION

Waltown Park

JOB NUMBER

752-38989-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
11/25/2025 7:19:06 AM

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

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 8
Client Sample Results 14
Surrogate Summary 54
Isotope Dilution Summary 56
QC Sample Results 57
QC Association Summary 83
Lab Chronicle 90
Certification Summary 97
Method Summary 98
Sample Summary 99
Chain of Custody 100
Receipt Checklists 112

Qualifiers

GC/MS VOA

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

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-38989-1

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 11/6/2025 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Receipt Exceptions
The client used a different COC for this project that didn't include 7199-Hexavalent Chromium analysis. The laboratory received containers for 7199 - Hex Cr analysis. This analysis was requested for the sample kits; therefore, the lab proceeded with the anlaysis.

GC/MS VOA
Method 8260D: One of three internal standard responses was outside of acceptance limits for the following sample: Trip Blank 2 (752-38989-11). The only analytes quantitated with this internal standard are non-detect and the 4-Bromofluorobenzene surrogate which was within acceptance limits. Therefore, the data has been reported.

Method 8260D: The precision (RPD) of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 400-730284 and analytical batch 400-730235 recovered outside control limits for the following analytes: Carbon disulfide and Hexane.

Method 8260D: The laboratory control sample (LCS) for preparation batch 400-730445 and analytical batch 400-730394 recovered outside control limits for the following analyte: Hexachlorobutadiene. 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: 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: SED-1 (752-38989-9). These results have been reported and qualified.

Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: SED-8 (752-38989-1), SED-7 (752-38989-2), SED-6 (752-38989-3), SED-5 (752-38989-4), SED-Dup (752-38989-5), SED-4 (752-38989-6), SED-3 (752-38989-7), SED-2 (752-38989-8) and SED-1 (752-38989-9). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7199: The following samples were diluted due to the nature of the sample matrix: SED-7 (752-38989-2), (752-38989-C-1-D MS), (752-38989-C-1-E MSD), (752-38989-N-2-D MS) and (752-38989-N-2-E MSD). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-38989-1

Client Sample ID: SED-8 — Lab Sample ID: 752-38989-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0911		0.0304	0.0146	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.00820	J	0.0304	0.00729	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00936		0.00896	0.00896	mg/Kg	5	☼	8270E SIM ID	Total/NA
Acenaphthene	0.0812	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0684	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.255	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.0717	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.45		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.51		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2.30		0.462	0.00196	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.16		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.793		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	2.72		0.462	0.140	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.180	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.73		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.262	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0519	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Di-n-octyl phthalate	0.0475	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	3.55		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.118	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.06		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0512	J	0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.87		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Pyrene	2.85		0.462	0.0462	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	3.00	J	3.72	1.08	mg/Kg	1	☼	9056A	Soluble
Sulfate	17.6		14.9	14.6	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.68	B	1.49	0.261	mg/Kg	5	☼	6020B	Total/NA
Barium	73.7		2.98	0.246	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.313	J	1.49	0.171	mg/Kg	5	☼	6020B	Total/NA
Chromium	6.90		1.49	0.708	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.21		1.49	0.119	mg/Kg	5	☼	6020B	Total/NA
Copper	29.0	F1	1.49	0.454	mg/Kg	5	☼	6020B	Total/NA
Lead	43.2	F1	1.49	0.119	mg/Kg	5	☼	6020B	Total/NA
Manganese	223		7.45	4.81	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.67		1.49	0.559	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.547	J	2.98	0.246	mg/Kg	5	☼	6020B	Total/NA
Silver	0.500	J	0.745	0.350	mg/Kg	5	☼	6020B	Total/NA
Vanadium	10.8		1.49	0.462	mg/Kg	5	☼	6020B	Total/NA
Zinc	153		14.9	11.5	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.435	J F1	1.49	0.149	mg/Kg	1	☼	7199	Total/NA
Ammonia (as N)	1.68	F1	1.45	0.465	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: SED-7 — Lab Sample ID: 752-38989-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0687		0.0286	0.0137	mg/Kg	1	☼	8260D	Total/NA
Acenaphthylene	0.102	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.102	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.0553	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.526		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.561		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SED-7 (Continued) — Lab Sample ID: 752-38989-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.881		0.411	0.00174	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.481		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.287	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0960	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.673		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.109	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.21		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.471		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0459	J	0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.544		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.995		0.411	0.0411	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.40	J	3.15	0.913	mg/Kg	1	☼	9056A	Soluble
Arsenic	2.76	B	1.30	0.228	mg/Kg	5	☼	6020B	Total/NA
Barium	74.6		2.61	0.215	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.340	J	1.30	0.150	mg/Kg	5	☼	6020B	Total/NA
Chromium	10.8		1.30	0.619	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.78		1.30	0.104	mg/Kg	5	☼	6020B	Total/NA
Copper	23.3		1.30	0.398	mg/Kg	5	☼	6020B	Total/NA
Lead	51.5		1.30	0.104	mg/Kg	5	☼	6020B	Total/NA
Manganese	231		6.52	4.21	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.1		1.30	0.489	mg/Kg	5	☼	6020B	Total/NA
Selenium	1.11	J	2.61	0.215	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0797	J	1.30	0.0521	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.7		1.30	0.404	mg/Kg	5	☼	6020B	Total/NA
Zinc	129		13.0	10.0	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0295	J	0.0527	0.0263	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.747	J	5.75	0.575	mg/Kg	5	☼	7199	Total/NA

Client Sample ID: SED-6 — Lab Sample ID: 752-38989-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.248		0.0541	0.0260	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0199	J	0.0541	0.0130	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.194	J	0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.0715	J	0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.74		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.96		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	3.42		0.607	0.00257	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.58		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1.06		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.474	J	0.607	0.184	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.158	J	0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.358	J	0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Chrysene	2.60		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.353	J	0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	5.15		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0617	J	0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.49		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.99		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Pyrene	4.08		0.607	0.0607	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	2.38	J	4.66	1.35	mg/Kg	1	☼	9056A	Soluble

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-6 (Continued) — Lab Sample ID: 752-38989-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	24.7		18.6	18.3	mg/Kg	1	☼	9056A	Soluble
Antimony	0.241	J	3.69	0.193	mg/Kg	5	☼	6020B	Total/NA
Arsenic	3.57	B	1.84	0.322	mg/Kg	5	☼	6020B	Total/NA
Barium	120		3.69	0.304	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.476	J	1.84	0.212	mg/Kg	5	☼	6020B	Total/NA
Chromium	15.3		1.84	0.875	mg/Kg	5	☼	6020B	Total/NA
Cobalt	8.95		1.84	0.147	mg/Kg	5	☼	6020B	Total/NA
Copper	67.2		1.84	0.562	mg/Kg	5	☼	6020B	Total/NA
Lead	95.1		1.84	0.147	mg/Kg	5	☼	6020B	Total/NA
Manganese	488		9.21	5.95	mg/Kg	5	☼	6020B	Total/NA
Nickel	24.1		1.84	0.691	mg/Kg	5	☼	6020B	Total/NA
Selenium	2.66	J	3.69	0.304	mg/Kg	5	☼	6020B	Total/NA
Silver	0.944		0.921	0.433	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0952	J	1.84	0.0737	mg/Kg	5	☼	6020B	Total/NA
Vanadium	19.0		1.84	0.571	mg/Kg	5	☼	6020B	Total/NA
Zinc	281		18.4	14.2	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.870	J	1.87	0.187	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-5 — Lab Sample ID: 752-38989-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0148		0.0105	0.00506	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00129	J *1	0.00211	0.00107	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.283	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.257	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.375	J	0.389	0.00165	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.183	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.127	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.279	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0399	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.510		0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.185	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0905	J	0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.412		0.389	0.0389	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.79	J	2.96	0.860	mg/Kg	1	☼	9056A	Soluble
Sulfate	15.8		11.9	11.6	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.45	B	1.16	0.203	mg/Kg	5	☼	6020B	Total/NA
Barium	12.3		2.32	0.192	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.24		1.16	0.552	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.95		1.16	0.0930	mg/Kg	5	☼	6020B	Total/NA
Copper	8.73		1.16	0.354	mg/Kg	5	☼	6020B	Total/NA
Lead	7.87		1.16	0.0930	mg/Kg	5	☼	6020B	Total/NA
Manganese	69.9		5.81	3.75	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.54		1.16	0.436	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.868	J	2.32	0.192	mg/Kg	5	☼	6020B	Total/NA
Vanadium	3.08		1.16	0.360	mg/Kg	5	☼	6020B	Total/NA
Zinc	38.5		11.6	8.95	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.175	J	1.13	0.113	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-38989-1

Client Sample ID: SED-Dup — Lab Sample ID: 752-38989-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00965	J	0.0119	0.00571	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.303	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.383		0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.726		0.360	0.00153	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.345	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.251	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.197	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0944	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.614		0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0720	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.30		0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.356	J	0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.509		0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.950		0.360	0.0360	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.24	J	2.82	0.819	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.917	J B	1.15	0.201	mg/Kg	5	☼	6020B	Total/NA
Barium	10.8		2.30	0.190	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.78		1.15	0.546	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.58		1.15	0.0920	mg/Kg	5	☼	6020B	Total/NA
Copper	4.66		1.15	0.351	mg/Kg	5	☼	6020B	Total/NA
Lead	5.79		1.15	0.0920	mg/Kg	5	☼	6020B	Total/NA
Manganese	56.1		5.75	3.71	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.51		1.15	0.431	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.612	J	2.30	0.190	mg/Kg	5	☼	6020B	Total/NA
Vanadium	4.45		1.15	0.356	mg/Kg	5	☼	6020B	Total/NA
Zinc	54.0		11.5	8.85	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.147	J	1.03	0.103	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-4 — Lab Sample ID: 752-38989-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0303		0.0261	0.0126	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0592	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0903	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.152	J	0.398	0.00169	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0751	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0481	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.108	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.158	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0760	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.129	J	0.398	0.0398	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.18	J	3.18	0.923	mg/Kg	1	☼	9056A	Soluble
Sulfate	17.6		12.7	12.5	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.14	J B	1.29	0.226	mg/Kg	5	☼	6020B	Total/NA
Barium	9.50		2.58	0.213	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.163	J	1.29	0.148	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.74		1.29	0.613	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.96		1.29	0.103	mg/Kg	5	☼	6020B	Total/NA
Copper	5.63		1.29	0.393	mg/Kg	5	☼	6020B	Total/NA
Lead	16.2		1.29	0.103	mg/Kg	5	☼	6020B	Total/NA
Manganese	69.0		6.45	4.17	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-4 (Continued) — Lab Sample ID: 752-38989-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	5.36		1.29	0.484	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.465	J	2.58	0.213	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.88		1.29	0.400	mg/Kg	5	☼	6020B	Total/NA
Zinc	72.2		12.9	9.93	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-3 — Lab Sample ID: 752-38989-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0424		0.0273	0.0131	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00324	J	0.00546	0.00276	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.0534	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.417		0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.479		0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.866		0.397	0.00168	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.351	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.286	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0793	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0894	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.733		0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0913	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.50		0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.385	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.685		0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.16		0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	5.30		3.19	0.924	mg/Kg	1	☼	9056A	Soluble
Sulfate	16.6		12.8	12.5	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.28	B	1.24	0.217	mg/Kg	5	☼	6020B	Total/NA
Barium	24.5		2.48	0.205	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.96		1.24	0.590	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.09		1.24	0.0994	mg/Kg	5	☼	6020B	Total/NA
Copper	7.20		1.24	0.379	mg/Kg	5	☼	6020B	Total/NA
Lead	27.2		1.24	0.0994	mg/Kg	5	☼	6020B	Total/NA
Manganese	58.8		6.21	4.01	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.54		1.24	0.466	mg/Kg	5	☼	6020B	Total/NA
Vanadium	5.14		1.24	0.385	mg/Kg	5	☼	6020B	Total/NA
Zinc	53.1		12.4	9.57	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-2 — Lab Sample ID: 752-38989-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0105	J	0.0131	0.00630	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00305		0.00263	0.00133	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.349	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.437		0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.724		0.399	0.00169	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.368	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.246	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0482	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.592		0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0780	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.947		0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.367	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-2 (Continued) — Lab Sample ID: 752-38989-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.249	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.762		0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.64	J	3.16	0.917	mg/Kg	1	☼	9056A	Soluble
Sulfate	18.8		12.6	12.4	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.672	J B	1.20	0.209	mg/Kg	5	☼	6020B	Total/NA
Barium	14.2		2.39	0.197	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.17		1.20	0.568	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.78		1.20	0.0957	mg/Kg	5	☼	6020B	Total/NA
Copper	8.55		1.20	0.365	mg/Kg	5	☼	6020B	Total/NA
Lead	13.3		1.20	0.0957	mg/Kg	5	☼	6020B	Total/NA
Manganese	68.7		5.98	3.86	mg/Kg	5	☼	6020B	Total/NA
Nickel	8.48		1.20	0.449	mg/Kg	5	☼	6020B	Total/NA
Vanadium	4.76		1.20	0.371	mg/Kg	5	☼	6020B	Total/NA
Zinc	35.6		12.0	9.21	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-1 — Lab Sample ID: 752-38989-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0355		0.0249	0.0120	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00145	J	0.00498	0.000996	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.0429	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.288	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.306	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.451		0.405	0.00172	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.236	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.146	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0558	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.323	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0506	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.686		0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.240	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.258	J	0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.531		0.405	0.0405	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.69	J	3.04	0.881	mg/Kg	1	☼	9056A	Soluble
Sulfate	53.0		12.1	11.9	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.547	J B	1.27	0.222	mg/Kg	5	☼	6020B	Total/NA
Barium	9.16		2.53	0.209	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.33		1.27	0.602	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.22		1.27	0.101	mg/Kg	5	☼	6020B	Total/NA
Copper	5.01		1.27	0.386	mg/Kg	5	☼	6020B	Total/NA
Lead	9.14		1.27	0.101	mg/Kg	5	☼	6020B	Total/NA
Manganese	49.9		6.33	4.09	mg/Kg	5	☼	6020B	Total/NA
Nickel	6.78		1.27	0.475	mg/Kg	5	☼	6020B	Total/NA
Vanadium	4.88		1.27	0.393	mg/Kg	5	☼	6020B	Total/NA
Zinc	31.0		12.7	9.75	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: Trip Blank 1 — Lab Sample ID: 752-38989-10

No Detections.

Client Sample ID: Trip Blank 2 — Lab Sample ID: 752-38989-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-1
Matrix: Solid
Percent Solids: 67.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0911**		0.0304	0.0146	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Benzene	ND		0.00608	0.000814	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Bromobenzene	ND		0.00608	0.00158	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Chlorobromomethane	ND		0.00608	0.000984	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Dichlorobromomethane	ND		0.00608	0.00112	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Bromoform	ND		0.00608	0.00158	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Bromomethane	ND		0.00608	0.00304	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
2-Butanone (MEK)	**0.00820**	**J**	0.0304	0.00729	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
n-Butylbenzene	ND		0.00608	0.00117	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
sec-Butylbenzene	ND		0.00608	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
tert-Butylbenzene	ND		0.00608	0.00134	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Carbon disulfide	ND	*1	0.00608	0.00307	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Carbon tetrachloride	ND		0.00608	0.00207	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Chlorobenzene	ND		0.00608	0.00160	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Chloroethane	ND		0.00608	0.00401	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Chloroform	ND		0.00608	0.00165	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Chloromethane	ND		0.00608	0.00269	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
2-Chlorotoluene	ND		0.00608	0.00202	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
4-Chlorotoluene	ND		0.00608	0.00119	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Chlorodibromomethane	ND		0.00608	0.00146	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2-Dibromo-3-Chloropropane	ND		0.00608	0.00401	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Ethylene Dibromide	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Dibromomethane	ND		0.00608	0.00101	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2-Dichlorobenzene	ND		0.00608	0.00193	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,3-Dichlorobenzene	ND		0.00608	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,4-Dichlorobenzene	ND		0.00608	0.00104	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
trans-1,4-Dichloro-2-butene	ND		0.00608	0.00304	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1-Dichloroethane	ND		0.00608	0.00101	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2-Dichloroethane	ND		0.00608	0.00224	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
cis-1,2-Dichloroethene	ND		0.00608	0.000923	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
trans-1,2-Dichloroethene	ND		0.00608	0.00117	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1-Dichloroethene	ND		0.00608	0.00255	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2-Dichloropropane	ND		0.00608	0.000923	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,3-Dichloropropane	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
2,2-Dichloropropane	ND		0.00608	0.00134	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1-Dichloropropene	ND		0.00608	0.00101	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
cis-1,3-Dichloropropene	ND		0.00608	0.00146	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
trans-1,3-Dichloropropene	ND		0.00608	0.00134	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Ethylbenzene	ND		0.00608	0.000741	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Hexachlorobutadiene	ND		0.00608	0.00304	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
2-Hexanone	ND		0.0304	0.00608	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Iodomethane	ND		0.00608	0.00413	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Isopropylbenzene	ND		0.00608	0.000826	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
4-Isopropyltoluene	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Methylene Chloride	ND		0.0182	0.0122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		0.0304	0.0163	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Methyl tert-butyl ether	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Naphthalene	ND		0.00608	0.00365	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
N-Propylbenzene	ND		0.00608	0.00109	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1

Client Sample ID: SED-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-1
Matrix: Solid
Percent Solids: 67.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1,1,2-Tetrachloroethane	ND		0.00608	0.00134	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1,2,2-Tetrachloroethane	ND		0.00608	0.00209	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Tetrachloroethene	ND		0.00608	0.00365	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Toluene	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2,3-Trichlorobenzene	ND		0.00608	0.00134	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2,4-Trichlorobenzene	ND		0.00608	0.00244	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1,1-Trichloroethane	ND		0.00608	0.00134	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1,2-Trichloroethane	ND		0.00608	0.00196	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Trichloroethene	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Trichlorofluoromethane	ND		0.00608	0.00294	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2,3-Trichloropropane	ND		0.00608	0.00253	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00608	0.00228	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,2,4-Trimethylbenzene	ND		0.00608	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
1,3,5-Trimethylbenzene	ND		0.00608	0.00101	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Vinyl acetate	ND		0.0304	0.00775	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Vinyl chloride	ND		0.00608	0.00265	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
o-Xylene	ND		0.00608	0.00365	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
m-Xylene & p-Xylene	ND		0.00608	0.00365	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Xylenes, Total	ND		0.0122	0.00729	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Isopropyl ether	ND		0.00608	0.00168	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Hexane	ND	*1	0.00608	0.00316	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
n-Heptane	ND		0.00608	0.00351	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1
Ethyl acetate	ND		0.0243	0.00608	mg/Kg	☼	11/12/25 11:25	11/12/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:23*	*1*
Dibromofluoromethane	*99*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:23*	*1*
Toluene-d8 (Surr)	*104*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00936**		0.00896	0.00896	mg/Kg	☼	11/10/25 13:12	11/12/25 19:26	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*42*		*10 - 150*	*11/10/25 13:12*	*11/12/25 19:26*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.462	0.0134	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,4,5-Trichlorophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,4,6-Trichlorophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,4-Dichlorophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,4-Dimethylphenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,4-Dinitrophenol	ND		1.39	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,4-Dinitrotoluene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2,6-Dinitrotoluene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2-Chloronaphthalene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2-Chlorophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2-Methylnaphthalene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1

Client Sample ID: SED-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-1
Matrix: Solid
Percent Solids: 67.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2-Nitroaniline	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
2-Nitrophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
3 & 4 Methylphenol	ND		0.924	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
3,3'-Dichlorobenzidine	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
3-Nitroaniline	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4,6-Dinitro-2-methylphenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4-Bromophenyl phenyl ether	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4-Chloro-3-methylphenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4-Chloroaniline	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4-Chlorophenyl phenyl ether	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4-Nitroaniline	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
4-Nitrophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Acenaphthene	**0.0812**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Acenaphthylene	**0.0684**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Acetophenone	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Anthracene	**0.255**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Atrazine	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Benzaldehyde	**0.0717**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Benzo[a]anthracene	**1.45**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Benzo[a]pyrene	**1.51**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Benzo[b]fluoranthene	**2.30**		0.462	0.00196	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Benzo[g,h,i]perylene	**1.16**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Benzo[k]fluoranthene	**0.793**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
bis (2-chloroisopropyl) ether	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Bis(2-chloroethoxy)methane	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Bis(2-chloroethyl)ether	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Bis(2-ethylhexyl) phthalate	**2.72**		0.462	0.140	mg/Kg	☼	11/10/25 09:47	11/11/25 13:07	1
Butyl benzyl phthalate	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Caprolactam	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Carbazole	**0.180**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Chrysene	**1.73**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Dibenz(a,h)anthracene	**0.262**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Dibenzofuran	**0.0519**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Diethyl phthalate	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Dimethyl phthalate	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Di-n-butyl phthalate	ND		1.39	0.420	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Di-n-octyl phthalate	**0.0475**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Fluoranthene	**3.55**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Fluorene	**0.118**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Hexachlorobenzene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Hexachlorobutadiene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Hexachlorocyclopentadiene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Hexachloroethane	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Indeno[1,2,3-cd]pyrene	**1.06**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Isophorone	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Naphthalene	**0.0512**	**J**	0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Nitrobenzene	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
N-Nitrosodi-n-propylamine	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1

Client Sample ID: SED-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-1
Matrix: Solid
Percent Solids: 67.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Pentachlorophenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Phenanthrene	**1.87**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Phenol	ND		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1
Pyrene	**2.85**		0.462	0.0462	mg/Kg	☼	11/10/25 09:47	11/10/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:42*	*1*
2-Fluorobiphenyl (Surr)	*105*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:42*	*1*
2-Fluorophenol (Surr)	*111*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:42*	*1*
Nitrobenzene-d5 (Surr)	*109*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:42*	*1*
Phenol-d5 (Surr)	*120*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:42*	*1*
Terphenyl-d14 (Surr)	*107*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:42*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**3.00**	**J**	3.72	1.08	mg/Kg	☼		11/13/25 12:05	1
Sulfate	**17.6**		14.9	14.6	mg/Kg	☼		11/13/25 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	2.98	0.156	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Arsenic	**1.68**	**B**	1.49	0.261	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Barium	**73.7**		2.98	0.246	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Beryllium	**0.313**	**J**	1.49	0.171	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Cadmium	ND		1.49	0.812	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Chromium	**6.90**		1.49	0.708	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Cobalt	**4.21**		1.49	0.119	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Copper	**29.0**	**F1**	1.49	0.454	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Lead	**43.2**	**F1**	1.49	0.119	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Manganese	**223**		7.45	4.81	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Nickel	**9.67**		1.49	0.559	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Selenium	**0.547**	**J**	2.98	0.246	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Silver	**0.500**	**J**	0.745	0.350	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Thallium	ND		1.49	0.0596	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Vanadium	**10.8**		1.49	0.462	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5
Zinc	**153**		14.9	11.5	mg/Kg	☼	11/11/25 09:24	11/11/25 19:18	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1	0.0574	0.0287	mg/Kg	☼	11/11/25 10:31	11/12/25 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.435**	**J F1**	1.49	0.149	mg/Kg	☼	11/11/25 10:27	11/17/25 20:53	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.68**	**F1**	1.45	0.465	mg/Kg	☼		11/21/25 15:57	1

Client Sample ID: SED-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-2
Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0687**		0.0286	0.0137	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Benzene	ND		0.00572	0.000767	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Bromobenzene	ND		0.00572	0.00149	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Chlorobromomethane	ND		0.00572	0.000927	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Dichlorobromomethane	ND		0.00572	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Bromoform	ND		0.00572	0.00149	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Bromomethane	ND		0.00572	0.00286	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
2-Butanone (MEK)	ND		0.0286	0.00687	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
n-Butylbenzene	ND		0.00572	0.00110	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
sec-Butylbenzene	ND		0.00572	0.00109	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
tert-Butylbenzene	ND		0.00572	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Carbon disulfide	ND	*1	0.00572	0.00290	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Carbon tetrachloride	ND		0.00572	0.00195	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Chlorobenzene	ND		0.00572	0.00151	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Chloroethane	ND		0.00572	0.00378	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Chloroform	ND		0.00572	0.00156	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Chloromethane	ND		0.00572	0.00253	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
2-Chlorotoluene	ND		0.00572	0.00190	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
4-Chlorotoluene	ND		0.00572	0.00112	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Chlorodibromomethane	ND		0.00572	0.00137	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2-Dibromo-3-Chloropropane	ND		0.00572	0.00378	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Ethylene Dibromide	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Dibromomethane	ND		0.00572	0.000950	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2-Dichlorobenzene	ND		0.00572	0.00182	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,3-Dichlorobenzene	ND		0.00572	0.00109	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,4-Dichlorobenzene	ND		0.00572	0.000984	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
trans-1,4-Dichloro-2-butene	ND		0.00572	0.00286	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1-Dichloroethane	ND		0.00572	0.000950	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2-Dichloroethane	ND		0.00572	0.00211	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
cis-1,2-Dichloroethene	ND		0.00572	0.000870	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
trans-1,2-Dichloroethene	ND		0.00572	0.00110	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1-Dichloroethene	ND		0.00572	0.00240	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2-Dichloropropane	ND		0.00572	0.000870	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,3-Dichloropropane	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
2,2-Dichloropropane	ND		0.00572	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1-Dichloropropene	ND		0.00572	0.000950	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
cis-1,3-Dichloropropene	ND		0.00572	0.00137	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
trans-1,3-Dichloropropene	ND		0.00572	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Ethylbenzene	ND		0.00572	0.000698	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Hexachlorobutadiene	ND		0.00572	0.00286	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
2-Hexanone	ND		0.0286	0.00572	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Iodomethane	ND		0.00572	0.00389	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Isopropylbenzene	ND		0.00572	0.000778	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
4-Isopropyltoluene	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Methylene Chloride	ND		0.0172	0.0114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		0.0286	0.0154	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Methyl tert-butyl ether	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Naphthalene	ND		0.00572	0.00343	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
N-Propylbenzene	ND		0.00572	0.00103	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1

Client Sample ID: SED-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-2
Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1,1,2-Tetrachloroethane	ND		0.00572	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1,2,2-Tetrachloroethane	ND		0.00572	0.00197	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Tetrachloroethene	ND		0.00572	0.00343	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Toluene	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2,3-Trichlorobenzene	ND		0.00572	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2,4-Trichlorobenzene	ND		0.00572	0.00230	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1,1-Trichloroethane	ND		0.00572	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1,2-Trichloroethane	ND		0.00572	0.00184	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Trichloroethene	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Trichlorofluoromethane	ND		0.00572	0.00277	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2,3-Trichloropropane	ND		0.00572	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00572	0.00215	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,2,4-Trimethylbenzene	ND		0.00572	0.00114	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
1,3,5-Trimethylbenzene	ND		0.00572	0.000950	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Vinyl acetate	ND		0.0286	0.00730	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Vinyl chloride	ND		0.00572	0.00250	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
o-Xylene	ND		0.00572	0.00343	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
m-Xylene & p-Xylene	ND		0.00572	0.00343	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Xylenes, Total	ND		0.0114	0.00687	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Isopropyl ether	ND		0.00572	0.00158	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Hexane	ND	*1	0.00572	0.00298	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
n-Heptane	ND		0.00572	0.00331	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1
Ethyl acetate	ND		0.0229	0.00572	mg/Kg	☼	11/12/25 11:25	11/12/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:50*	*1*
Dibromofluoromethane	*98*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:50*	*1*
Toluene-d8 (Surr)	*99*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*	*11/12/25 11:25*	*11/12/25 14:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00759	0.00759	mg/Kg	☼	11/10/25 13:12	11/12/25 19:48	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*52*		*10 - 150*	*11/10/25 13:12*	*11/12/25 19:48*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.411	0.0119	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,4,5-Trichlorophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,4,6-Trichlorophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,4-Dichlorophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,4-Dimethylphenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,4-Dinitrophenol	ND		1.23	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,4-Dinitrotoluene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2,6-Dinitrotoluene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2-Chloronaphthalene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2-Chlorophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2-Methylnaphthalene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1

Client Sample ID: SED-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-2
Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2-Nitroaniline	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
2-Nitrophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
3 & 4 Methylphenol	ND		0.821	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
3,3'-Dichlorobenzidine	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
3-Nitroaniline	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4,6-Dinitro-2-methylphenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4-Bromophenyl phenyl ether	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4-Chloro-3-methylphenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4-Chloroaniline	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4-Chlorophenyl phenyl ether	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4-Nitroaniline	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
4-Nitrophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Acenaphthene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Acenaphthylene	**0.102**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Acetophenone	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Anthracene	**0.102**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Atrazine	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Benzaldehyde	**0.0553**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Benzo[a]anthracene	**0.526**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Benzo[a]pyrene	**0.561**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Benzo[b]fluoranthene	**0.881**		0.411	0.00174	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Benzo[g,h,i]perylene	**0.481**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Benzo[k]fluoranthene	**0.287**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
bis (2-chloroisopropyl) ether	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Bis(2-chloroethoxy)methane	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Bis(2-chloroethyl)ether	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Bis(2-ethylhexyl) phthalate	ND		0.411	0.124	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Butyl benzyl phthalate	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Caprolactam	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Carbazole	**0.0960**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Chrysene	**0.673**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Dibenz(a,h)anthracene	**0.109**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Dibenzofuran	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Diethyl phthalate	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Dimethyl phthalate	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Di-n-butyl phthalate	ND		1.23	0.373	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Di-n-octyl phthalate	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Fluoranthene	**1.21**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Fluorene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Hexachlorobenzene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Hexachlorobutadiene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Hexachlorocyclopentadiene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Hexachloroethane	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Indeno[1,2,3-cd]pyrene	**0.471**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Isophorone	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Naphthalene	**0.0459**	**J**	0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Nitrobenzene	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
N-Nitrosodi-n-propylamine	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1

Client Sample ID: SED-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-2
Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Pentachlorophenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Phenanthrene	**0.544**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Phenol	ND		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1
Pyrene	**0.995**		0.411	0.0411	mg/Kg	☼	11/10/25 09:47	11/10/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:12*	*1*
2-Fluorobiphenyl (Surr)	*111*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:12*	*1*
2-Fluorophenol (Surr)	*120*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:12*	*1*
Nitrobenzene-d5 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:12*	*1*
Phenol-d5 (Surr)	*129*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:12*	*1*
Terphenyl-d14 (Surr)	*111*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.40**	**J**	3.15	0.913	mg/Kg	☼		11/13/25 12:39	1
Sulfate	ND		12.6	12.3	mg/Kg	☼		11/13/25 12:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.61	0.137	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Arsenic	**2.76**	**B**	1.30	0.228	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Barium	**74.6**		2.61	0.215	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Beryllium	**0.340**	**J**	1.30	0.150	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Cadmium	ND		1.30	0.710	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Chromium	**10.8**		1.30	0.619	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Cobalt	**4.78**		1.30	0.104	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Copper	**23.3**		1.30	0.398	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Lead	**51.5**		1.30	0.104	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Manganese	**231**		6.52	4.21	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Nickel	**10.1**		1.30	0.489	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Selenium	**1.11**	**J**	2.61	0.215	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Silver	ND		0.652	0.306	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Thallium	**0.0797**	**J**	1.30	0.0521	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Vanadium	**14.7**		1.30	0.404	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5
Zinc	**129**		13.0	10.0	mg/Kg	☼	11/11/25 09:24	11/11/25 19:23	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0295**	**J**	0.0527	0.0263	mg/Kg	☼	11/11/25 10:31	11/12/25 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.747**	**J**	5.75	0.575	mg/Kg	☼	11/11/25 10:27	11/17/25 21:31	5

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.19	0.382	mg/Kg	☼		11/21/25 16:05	1

Client Sample ID: SED-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-3
Matrix: Solid
Percent Solids: 53.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.248**		0.0541	0.0260	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Benzene	ND		0.0108	0.00145	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Bromobenzene	ND		0.0108	0.00281	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Chlorobromomethane	ND		0.0108	0.00175	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Dichlorobromomethane	ND		0.0108	0.00199	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Bromoform	ND		0.0108	0.00281	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Bromomethane	ND		0.0108	0.00541	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
2-Butanone (MEK)	**0.0199**	**J**	0.0541	0.0130	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
n-Butylbenzene	ND		0.0108	0.00208	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
sec-Butylbenzene	ND		0.0108	0.00205	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
tert-Butylbenzene	ND		0.0108	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Carbon disulfide	ND	*1	0.0108	0.00547	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Carbon tetrachloride	ND		0.0108	0.00368	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Chlorobenzene	ND		0.0108	0.00286	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Chloroethane	ND		0.0108	0.00714	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Chloroform	ND		0.0108	0.00294	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Chloromethane	ND		0.0108	0.00478	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
2-Chlorotoluene	ND		0.0108	0.00359	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
4-Chlorotoluene	ND		0.0108	0.00212	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Chlorodibromomethane	ND		0.0108	0.00260	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2-Dibromo-3-Chloropropane	ND		0.0108	0.00714	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Ethylene Dibromide	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Dibromomethane	ND		0.0108	0.00180	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2-Dichlorobenzene	ND		0.0108	0.00344	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,3-Dichlorobenzene	ND		0.0108	0.00205	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,4-Dichlorobenzene	ND		0.0108	0.00186	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
trans-1,4-Dichloro-2-butene	ND		0.0108	0.00541	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1-Dichloroethane	ND		0.0108	0.00180	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2-Dichloroethane	ND		0.0108	0.00398	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
cis-1,2-Dichloroethene	ND		0.0108	0.00164	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
trans-1,2-Dichloroethene	ND		0.0108	0.00208	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1-Dichloroethene	ND		0.0108	0.00454	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2-Dichloropropane	ND		0.0108	0.00164	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,3-Dichloropropane	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
2,2-Dichloropropane	ND		0.0108	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1-Dichloropropene	ND		0.0108	0.00180	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
cis-1,3-Dichloropropene	ND		0.0108	0.00260	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
trans-1,3-Dichloropropene	ND		0.0108	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Ethylbenzene	ND		0.0108	0.00132	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Hexachlorobutadiene	ND		0.0108	0.00541	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
2-Hexanone	ND		0.0541	0.0108	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Iodomethane	ND		0.0108	0.00735	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Isopropylbenzene	ND		0.0108	0.00147	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
4-Isopropyltoluene	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Methylene Chloride	ND		0.0324	0.0216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.0541	0.0290	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Methyl tert-butyl ether	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Naphthalene	ND		0.0108	0.00649	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
N-Propylbenzene	ND		0.0108	0.00195	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1

Client Sample ID: SED-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-3
Matrix: Solid
Percent Solids: 53.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1,1,2-Tetrachloroethane	ND		0.0108	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1,2,2-Tetrachloroethane	ND		0.0108	0.00372	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Tetrachloroethene	ND		0.0108	0.00649	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Toluene	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2,3-Trichlorobenzene	ND		0.0108	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2,4-Trichlorobenzene	ND		0.0108	0.00435	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1,1-Trichloroethane	ND		0.0108	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1,2-Trichloroethane	ND		0.0108	0.00348	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Trichloroethene	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Trichlorofluoromethane	ND		0.0108	0.00523	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2,3-Trichloropropane	ND		0.0108	0.00450	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0108	0.00407	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,2,4-Trimethylbenzene	ND		0.0108	0.00216	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
1,3,5-Trimethylbenzene	ND		0.0108	0.00180	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Vinyl acetate	ND		0.0541	0.0138	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Vinyl chloride	ND		0.0108	0.00472	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
o-Xylene	ND		0.0108	0.00649	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
m-Xylene & p-Xylene	ND		0.0108	0.00649	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Xylenes, Total	ND		0.0216	0.0130	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Isopropyl ether	ND		0.0108	0.00299	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Hexane	ND	*1	0.0108	0.00562	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
n-Heptane	ND		0.0108	0.00625	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1
Ethyl acetate	ND		0.0433	0.0108	mg/Kg	☼	11/12/25 11:25	11/12/25 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:13*	*1*
Dibromofluoromethane	*99*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:13*	*1*
Toluene-d8 (Surr)	*99*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:13*	*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		0.0113	0.0113	mg/Kg	☼	11/10/25 13:12	11/12/25 20:09	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*11/10/25 13:12*	*11/12/25 20:09*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.607	0.0177	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,4,5-Trichlorophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,4,6-Trichlorophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,4-Dichlorophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,4-Dimethylphenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,4-Dinitrophenol	ND		1.82	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,4-Dinitrotoluene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2,6-Dinitrotoluene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2-Chloronaphthalene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2-Chlorophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2-Methylnaphthalene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1

Client Sample ID: SED-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-3
Matrix: Solid
Percent Solids: 53.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2-Nitroaniline	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
2-Nitrophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
3 & 4 Methylphenol	ND		1.21	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
3,3'-Dichlorobenzidine	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
3-Nitroaniline	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4,6-Dinitro-2-methylphenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4-Bromophenyl phenyl ether	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4-Chloro-3-methylphenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4-Chloroaniline	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4-Chlorophenyl phenyl ether	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4-Nitroaniline	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
4-Nitrophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Acenaphthene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Acenaphthylene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Acetophenone	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Anthracene	**0.194**	**J**	0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Atrazine	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Benzaldehyde	**0.0715**	**J**	0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Benzo[a]anthracene	**1.74**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Benzo[a]pyrene	**1.96**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Benzo[b]fluoranthene	**3.42**		0.607	0.00257	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Benzo[g,h,i]perylene	**1.58**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Benzo[k]fluoranthene	**1.06**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
bis (2-chloroisopropyl) ether	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Bis(2-chloroethoxy)methane	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Bis(2-chloroethyl)ether	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Bis(2-ethylhexyl) phthalate	**0.474**	**J**	0.607	0.184	mg/Kg	☼	11/10/25 09:47	11/11/25 14:08	1
Butyl benzyl phthalate	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Caprolactam	**0.158**	**J**	0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Carbazole	**0.358**	**J**	0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Chrysene	**2.60**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Dibenz(a,h)anthracene	**0.353**	**J**	0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Dibenzofuran	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Diethyl phthalate	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Dimethyl phthalate	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Di-n-butyl phthalate	ND		1.82	0.552	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Di-n-octyl phthalate	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Fluoranthene	**5.15**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Fluorene	**0.0617**	**J**	0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Hexachlorobenzene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Hexachlorobutadiene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Hexachlorocyclopentadiene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Hexachloroethane	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Indeno[1,2,3-cd]pyrene	**1.49**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Isophorone	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Naphthalene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Nitrobenzene	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
N-Nitrosodi-n-propylamine	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1

Client Sample ID: SED-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-3
Matrix: Solid
Percent Solids: 53.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Pentachlorophenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Phenanthrene	**1.99**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Phenol	ND		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1
Pyrene	**4.08**		0.607	0.0607	mg/Kg	☼	11/10/25 09:47	11/10/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*34*	*S1-*	*40 - 140*	*11/10/25 09:47*	*11/10/25 23:42*	*1*
2-Fluorobiphenyl (Surr)	*94*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:42*	*1*
2-Fluorophenol (Surr)	*102*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:42*	*1*
Nitrobenzene-d5 (Surr)	*95*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:42*	*1*
Phenol-d5 (Surr)	*105*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:42*	*1*
Terphenyl-d14 (Surr)	*97*		*40 - 140*	*11/10/25 09:47*	*11/10/25 23:42*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.38**	**J**	4.66	1.35	mg/Kg	☼		11/13/25 12:50	1
Sulfate	**24.7**		18.6	18.3	mg/Kg	☼		11/13/25 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.241**	**J**	3.69	0.193	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Arsenic	**3.57**	**B**	1.84	0.322	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Barium	**120**		3.69	0.304	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Beryllium	**0.476**	**J**	1.84	0.212	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Cadmium	ND		1.84	1.00	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Chromium	**15.3**		1.84	0.875	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Cobalt	**8.95**		1.84	0.147	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Copper	**67.2**		1.84	0.562	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Lead	**95.1**		1.84	0.147	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Manganese	**488**		9.21	5.95	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Nickel	**24.1**		1.84	0.691	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Selenium	**2.66**	**J**	3.69	0.304	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Silver	**0.944**		0.921	0.433	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Thallium	**0.0952**	**J**	1.84	0.0737	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Vanadium	**19.0**		1.84	0.571	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5
Zinc	**281**		18.4	14.2	mg/Kg	☼	11/11/25 09:24	11/11/25 19:25	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0752	0.0376	mg/Kg	☼	11/11/25 10:31	11/12/25 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.870**	**J**	1.87	0.187	mg/Kg	☼	11/11/25 10:27	11/17/25 22:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.79	0.574	mg/Kg	☼		11/21/25 16:07	1

Client Sample ID: SED-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-4
Matrix: Solid
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0148**		0.0105	0.00506	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Benzene	ND		0.00211	0.000283	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Bromobenzene	ND		0.00211	0.000548	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Chlorobromomethane	ND		0.00211	0.000342	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Dichlorobromomethane	ND		0.00211	0.000388	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Bromoform	ND		0.00211	0.000548	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Bromomethane	ND		0.00211	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
2-Butanone (MEK)	ND		0.0105	0.00253	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
n-Butylbenzene	ND		0.00211	0.000405	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
sec-Butylbenzene	ND		0.00211	0.000401	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
tert-Butylbenzene	ND		0.00211	0.000464	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Carbon disulfide	**0.00129**	**J *1**	0.00211	0.00107	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Carbon tetrachloride	ND		0.00211	0.000717	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Chlorobenzene	ND		0.00211	0.000557	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Chloroethane	ND		0.00211	0.00139	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Chloroform	ND		0.00211	0.000573	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Chloromethane	ND		0.00211	0.000932	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
2-Chlorotoluene	ND		0.00211	0.000700	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
4-Chlorotoluene	ND		0.00211	0.000413	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Chlorodibromomethane	ND		0.00211	0.000506	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2-Dibromo-3-Chloropropane	ND		0.00211	0.00139	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Ethylene Dibromide	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Dibromomethane	ND		0.00211	0.000350	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2-Dichlorobenzene	ND		0.00211	0.000670	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,3-Dichlorobenzene	ND		0.00211	0.000401	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,4-Dichlorobenzene	ND		0.00211	0.000363	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
trans-1,4-Dichloro-2-butene	ND		0.00211	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1-Dichloroethane	ND		0.00211	0.000350	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2-Dichloroethane	ND		0.00211	0.000776	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
cis-1,2-Dichloroethene	ND		0.00211	0.000320	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
trans-1,2-Dichloroethene	ND		0.00211	0.000405	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1-Dichloroethene	ND		0.00211	0.000886	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2-Dichloropropane	ND		0.00211	0.000320	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,3-Dichloropropane	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
2,2-Dichloropropane	ND		0.00211	0.000464	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1-Dichloropropene	ND		0.00211	0.000350	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
cis-1,3-Dichloropropene	ND		0.00211	0.000506	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
trans-1,3-Dichloropropene	ND		0.00211	0.000464	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Ethylbenzene	ND		0.00211	0.000257	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Hexachlorobutadiene	ND		0.00211	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
2-Hexanone	ND		0.0105	0.00211	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Iodomethane	ND		0.00211	0.00143	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Isopropylbenzene	ND		0.00211	0.000287	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
4-Isopropyltoluene	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Methylene Chloride	ND		0.00633	0.00422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.0105	0.00566	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Methyl tert-butyl ether	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Naphthalene	ND		0.00211	0.00127	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
N-Propylbenzene	ND		0.00211	0.000380	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1

Client Sample ID: SED-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-4
Matrix: Solid
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1,1,2-Tetrachloroethane	ND		0.00211	0.000464	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1,2,2-Tetrachloroethane	ND		0.00211	0.000725	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Tetrachloroethene	ND		0.00211	0.00127	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Toluene	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2,3-Trichlorobenzene	ND		0.00211	0.000464	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2,4-Trichlorobenzene	ND		0.00211	0.000848	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1,1-Trichloroethane	ND		0.00211	0.000464	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1,2-Trichloroethane	ND		0.00211	0.000679	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Trichloroethene	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Trichlorofluoromethane	ND		0.00211	0.00102	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2,3-Trichloropropane	ND		0.00211	0.000877	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00211	0.000793	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,2,4-Trimethylbenzene	ND		0.00211	0.000422	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
1,3,5-Trimethylbenzene	ND		0.00211	0.000350	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Vinyl acetate	ND		0.0105	0.00269	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Vinyl chloride	ND		0.00211	0.000919	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
o-Xylene	ND		0.00211	0.00127	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
m-Xylene & p-Xylene	ND		0.00211	0.00127	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Xylenes, Total	ND		0.00422	0.00253	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Isopropyl ether	ND		0.00211	0.000582	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Hexane	ND	*1	0.00211	0.00110	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
n-Heptane	ND		0.00211	0.00122	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1
Ethyl acetate	ND		0.00843	0.00211	mg/Kg	☼	11/12/25 11:25	11/12/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:41*	*1*
Dibromofluoromethane	*102*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:41*	*1*
Toluene-d8 (Surr)	*100*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*50 - 150*	*11/12/25 11:25*	*11/12/25 16:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00700	0.00700	mg/Kg	☼	11/10/25 13:12	11/12/25 20:30	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*52*		*10 - 150*	*11/10/25 13:12*	*11/12/25 20:30*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.389	0.0113	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,4,5-Trichlorophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,4,6-Trichlorophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,4-Dichlorophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,4-Dimethylphenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,4-Dinitrophenol	ND		1.17	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,4-Dinitrotoluene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2,6-Dinitrotoluene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2-Chloronaphthalene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2-Chlorophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2-Methylnaphthalene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1

Client Sample ID: SED-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-4
Matrix: Solid
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2-Nitroaniline	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
2-Nitrophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
3 & 4 Methylphenol	ND		0.778	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
3,3'-Dichlorobenzidine	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
3-Nitroaniline	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4,6-Dinitro-2-methylphenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4-Bromophenyl phenyl ether	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4-Chloro-3-methylphenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4-Chloroaniline	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4-Chlorophenyl phenyl ether	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4-Nitroaniline	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
4-Nitrophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Acenaphthene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Acenaphthylene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Acetophenone	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Anthracene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Atrazine	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Benzaldehyde	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Benzo[a]anthracene	**0.283**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Benzo[a]pyrene	**0.257**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Benzo[b]fluoranthene	**0.375**	**J**	0.389	0.00165	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Benzo[g,h,i]perylene	**0.183**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Benzo[k]fluoranthene	**0.127**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
bis (2-chloroisopropyl) ether	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Bis(2-chloroethoxy)methane	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Bis(2-chloroethyl)ether	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Bis(2-ethylhexyl) phthalate	ND		0.389	0.118	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Butyl benzyl phthalate	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Caprolactam	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Carbazole	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Chrysene	**0.279**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Dibenz(a,h)anthracene	**0.0399**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Dibenzofuran	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Diethyl phthalate	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Dimethyl phthalate	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Di-n-butyl phthalate	ND		1.17	0.353	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Di-n-octyl phthalate	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Fluoranthene	**0.510**		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Fluorene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Hexachlorobenzene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Hexachlorobutadiene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Hexachlorocyclopentadiene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Hexachloroethane	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Indeno[1,2,3-cd]pyrene	**0.185**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Isophorone	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Naphthalene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Nitrobenzene	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
N-Nitrosodi-n-propylamine	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1

Client Sample ID: SED-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-4
Matrix: Solid
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Pentachlorophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Phenanthrene	**0.0905**	**J**	0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Phenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1
Pyrene	**0.412**		0.389	0.0389	mg/Kg	☼	11/10/25 09:47	11/11/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:14*	*1*
2-Fluorobiphenyl (Surr)	*95*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:14*	*1*
2-Fluorophenol (Surr)	*109*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:14*	*1*
Nitrobenzene-d5 (Surr)	*97*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:14*	*1*
Phenol-d5 (Surr)	*114*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:14*	*1*
Terphenyl-d14 (Surr)	*99*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:14*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.79**	**J**	2.96	0.860	mg/Kg	☼		11/13/25 13:01	1
Sulfate	**15.8**		11.9	11.6	mg/Kg	☼		11/13/25 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.32	0.122	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Arsenic	**1.45**	**B**	1.16	0.203	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Barium	**12.3**		2.32	0.192	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Beryllium	ND		1.16	0.134	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Cadmium	ND		1.16	0.633	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Chromium	**4.24**		1.16	0.552	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Cobalt	**2.95**		1.16	0.0930	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Copper	**8.73**		1.16	0.354	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Lead	**7.87**		1.16	0.0930	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Manganese	**69.9**		5.81	3.75	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Nickel	**9.54**		1.16	0.436	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Selenium	**0.868**	**J**	2.32	0.192	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Silver	ND		0.581	0.273	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Thallium	ND		1.16	0.0465	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Vanadium	**3.08**		1.16	0.360	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5
Zinc	**38.5**		11.6	8.95	mg/Kg	☼	11/11/25 09:24	11/11/25 19:28	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0457	0.0228	mg/Kg	☼	11/11/25 10:31	11/12/25 11:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.175**	**J**	1.13	0.113	mg/Kg	☼	11/11/25 10:27	11/17/25 22:22	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.15	0.369	mg/Kg	☼		11/21/25 16:10	1

Client Sample ID: SED-Dup

Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-5

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	**0.00965**	**J**	0.0119	0.00571	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Benzene	ND		0.00238	0.000319	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Bromobenzene	ND		0.00238	0.000619	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Chlorobromomethane	ND		0.00238	0.000385	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Dichlorobromomethane	ND		0.00238	0.000438	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Bromoform	ND		0.00238	0.000619	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Bromomethane	ND		0.00238	0.00119	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
2-Butanone (MEK)	ND		0.0119	0.00286	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
n-Butylbenzene	ND		0.00238	0.000457	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
sec-Butylbenzene	ND		0.00238	0.000452	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
tert-Butylbenzene	ND		0.00238	0.000523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Carbon disulfide	ND	*1	0.00238	0.00120	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Carbon tetrachloride	ND		0.00238	0.000809	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Chlorobenzene	ND		0.00238	0.000628	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Chloroethane	ND		0.00238	0.00157	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Chloroform	ND		0.00238	0.000647	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Chloromethane	ND		0.00238	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
2-Chlorotoluene	ND		0.00238	0.000790	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
4-Chlorotoluene	ND		0.00238	0.000466	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Chlorodibromomethane	ND		0.00238	0.000571	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2-Dibromo-3-Chloropropane	ND		0.00238	0.00157	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Ethylene Dibromide	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Dibromomethane	ND		0.00238	0.000395	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2-Dichlorobenzene	ND		0.00238	0.000757	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,3-Dichlorobenzene	ND		0.00238	0.000452	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,4-Dichlorobenzene	ND		0.00238	0.000409	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
trans-1,4-Dichloro-2-butene	ND		0.00238	0.00119	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1-Dichloroethane	ND		0.00238	0.000395	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2-Dichloroethane	ND		0.00238	0.000876	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
cis-1,2-Dichloroethene	ND		0.00238	0.000362	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
trans-1,2-Dichloroethene	ND		0.00238	0.000457	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1-Dichloroethene	ND		0.00238	0.000999	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2-Dichloropropane	ND		0.00238	0.000362	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,3-Dichloropropane	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
2,2-Dichloropropane	ND		0.00238	0.000523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1-Dichloropropene	ND		0.00238	0.000395	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
cis-1,3-Dichloropropene	ND		0.00238	0.000571	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
trans-1,3-Dichloropropene	ND		0.00238	0.000523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Ethylbenzene	ND		0.00238	0.000290	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Hexachlorobutadiene	ND		0.00238	0.00119	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
2-Hexanone	ND		0.0119	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Iodomethane	ND		0.00238	0.00162	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Isopropylbenzene	ND		0.00238	0.000324	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
4-Isopropyltoluene	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Methylene Chloride	ND		0.00714	0.00476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
4-Methyl-2-pentanone (MIBK)	ND		0.0119	0.00639	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Methyl tert-butyl ether	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Naphthalene	ND		0.00238	0.00143	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
N-Propylbenzene	ND		0.00238	0.000428	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1

Client Sample ID: SED-Dup

Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-5

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
Styrene	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1,1,2-Tetrachloroethane	ND		0.00238	0.000523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1,2,2-Tetrachloroethane	ND		0.00238	0.000819	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Tetrachloroethene	ND		0.00238	0.00143	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Toluene	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2,3-Trichlorobenzene	ND		0.00238	0.000523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2,4-Trichlorobenzene	ND		0.00238	0.000957	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1,1-Trichloroethane	ND		0.00238	0.000523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1,2-Trichloroethane	ND		0.00238	0.000766	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Trichloroethene	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Trichlorofluoromethane	ND		0.00238	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2,3-Trichloropropane	ND		0.00238	0.000990	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00238	0.000895	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,2,4-Trimethylbenzene	ND		0.00238	0.000476	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
1,3,5-Trimethylbenzene	ND		0.00238	0.000395	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Vinyl acetate	ND		0.0119	0.00304	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Vinyl chloride	ND		0.00238	0.00104	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
o-Xylene	ND		0.00238	0.00143	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
m-Xylene & p-Xylene	ND		0.00238	0.00143	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Xylenes, Total	ND		0.00476	0.00286	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Isopropyl ether	ND		0.00238	0.000657	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Hexane	ND	*1	0.00238	0.00124	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
n-Heptane	ND		0.00238	0.00138	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1
Ethyl acetate	ND		0.00952	0.00238	mg/Kg	☼	11/12/25 11:25	11/12/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:08*	*1*
Dibromofluoromethane	*100*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:08*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:08*	*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		0.00669	0.00669	mg/Kg	☼	11/10/25 13:12	11/12/25 20:52	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*10 - 150*	*11/10/25 13:12*	*11/12/25 20:52*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.360	0.0105	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,4,5-Trichlorophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,4,6-Trichlorophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,4-Dichlorophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,4-Dimethylphenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,4-Dinitrophenol	ND		1.08	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,4-Dinitrotoluene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2,6-Dinitrotoluene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2-Chloronaphthalene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2-Chlorophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2-Methylnaphthalene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1

Client Sample ID: SED-Dup

Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-5

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-Methylphenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2-Nitroaniline	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
2-Nitrophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
3 & 4 Methylphenol	ND		0.719	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
3,3'-Dichlorobenzidine	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
3-Nitroaniline	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4,6-Dinitro-2-methylphenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4-Bromophenyl phenyl ether	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4-Chloro-3-methylphenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4-Chloroaniline	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4-Chlorophenyl phenyl ether	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4-Nitroaniline	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
4-Nitrophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Acenaphthene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Acenaphthylene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Acetophenone	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Anthracene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Atrazine	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Benzaldehyde	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Benzo[a]anthracene	**0.303**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Benzo[a]pyrene	**0.383**		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Benzo[b]fluoranthene	**0.726**		0.360	0.00153	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Benzo[g,h,i]perylene	**0.345**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Benzo[k]fluoranthene	**0.251**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
bis (2-chloroisopropyl) ether	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Bis(2-chloroethoxy)methane	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Bis(2-chloroethyl)ether	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Bis(2-ethylhexyl) phthalate	ND		0.360	0.109	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Butyl benzyl phthalate	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Caprolactam	**0.197**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Carbazole	**0.0944**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Chrysene	**0.614**		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Dibenz(a,h)anthracene	**0.0720**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Dibenzofuran	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Diethyl phthalate	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Dimethyl phthalate	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Di-n-butyl phthalate	ND		1.08	0.327	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Di-n-octyl phthalate	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Fluoranthene	**1.30**		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Fluorene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Hexachlorobenzene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Hexachlorobutadiene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Hexachlorocyclopentadiene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Hexachloroethane	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Indeno[1,2,3-cd]pyrene	**0.356**	**J**	0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Isophorone	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Naphthalene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Nitrobenzene	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
N-Nitrosodi-n-propylamine	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1

Client Sample ID: SED-Dup

Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-5

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
N-Nitrosodiphenylamine	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Pentachlorophenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Phenanthrene	**0.509**		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Phenol	ND		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1
Pyrene	**0.950**		0.360	0.0360	mg/Kg	☼	11/10/25 09:47	11/11/25 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:45*	*1*
2-Fluorobiphenyl (Surr)	*101*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:45*	*1*
2-Fluorophenol (Surr)	*114*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:45*	*1*
Nitrobenzene-d5 (Surr)	*101*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:45*	*1*
Phenol-d5 (Surr)	*118*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:45*	*1*
Terphenyl-d14 (Surr)	*107*		*40 - 140*	*11/10/25 09:47*	*11/11/25 14:45*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.24**	**J**	2.82	0.819	mg/Kg	☼		11/13/25 13:13	1
Sulfate	ND		11.3	11.1	mg/Kg	☼		11/13/25 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.30	0.121	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Arsenic	**0.917**	**J B**	1.15	0.201	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Barium	**10.8**		2.30	0.190	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Beryllium	ND		1.15	0.132	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Cadmium	ND		1.15	0.627	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Chromium	**4.78**		1.15	0.546	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Cobalt	**2.58**		1.15	0.0920	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Copper	**4.66**		1.15	0.351	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Lead	**5.79**		1.15	0.0920	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Manganese	**56.1**		5.75	3.71	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Nickel	**7.51**		1.15	0.431	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Selenium	**0.612**	**J**	2.30	0.190	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Silver	ND		0.575	0.270	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Thallium	ND		1.15	0.0460	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Vanadium	**4.45**		1.15	0.356	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5
Zinc	**54.0**		11.5	8.85	mg/Kg	☼	11/11/25 09:24	11/11/25 19:30	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0462	0.0231	mg/Kg	☼	11/12/25 08:45	11/12/25 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.147**	**J**	1.03	0.103	mg/Kg	☼	11/11/25 10:27	11/17/25 23:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.07	0.342	mg/Kg	☼		11/21/25 16:13	1

Client Sample ID: SED-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-6
Matrix: Solid
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0303**		0.0261	0.0126	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Benzene	ND		0.00523	0.000701	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Bromobenzene	ND		0.00523	0.00136	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Chlorobromomethane	ND		0.00523	0.000847	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Dichlorobromomethane	ND		0.00523	0.000962	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Bromoform	ND		0.00523	0.00136	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Bromomethane	ND		0.00523	0.00261	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
2-Butanone (MEK)	ND		0.0261	0.00628	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
n-Butylbenzene	ND		0.00523	0.00100	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
sec-Butylbenzene	ND		0.00523	0.000994	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
tert-Butylbenzene	ND		0.00523	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Carbon disulfide	ND	*1	0.00523	0.00265	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Carbon tetrachloride	ND		0.00523	0.00178	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Chlorobenzene	ND		0.00523	0.00138	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Chloroethane	ND		0.00523	0.00345	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Chloroform	ND		0.00523	0.00142	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Chloromethane	ND		0.00523	0.00231	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
2-Chlorotoluene	ND		0.00523	0.00174	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
4-Chlorotoluene	ND		0.00523	0.00102	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Chlorodibromomethane	ND		0.00523	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2-Dibromo-3-Chloropropane	ND		0.00523	0.00345	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Ethylene Dibromide	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Dibromomethane	ND		0.00523	0.000868	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2-Dichlorobenzene	ND		0.00523	0.00166	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,3-Dichlorobenzene	ND		0.00523	0.000994	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,4-Dichlorobenzene	ND		0.00523	0.000899	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
trans-1,4-Dichloro-2-butene	ND		0.00523	0.00261	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1-Dichloroethane	ND		0.00523	0.000868	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2-Dichloroethane	ND		0.00523	0.00192	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
cis-1,2-Dichloroethene	ND		0.00523	0.000795	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
trans-1,2-Dichloroethene	ND		0.00523	0.00100	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1-Dichloroethene	ND		0.00523	0.00220	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2-Dichloropropane	ND		0.00523	0.000795	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,3-Dichloropropane	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
2,2-Dichloropropane	ND		0.00523	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1-Dichloropropene	ND		0.00523	0.000868	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
cis-1,3-Dichloropropene	ND		0.00523	0.00126	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
trans-1,3-Dichloropropene	ND		0.00523	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Ethylbenzene	ND		0.00523	0.000638	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Hexachlorobutadiene	ND		0.00523	0.00261	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
2-Hexanone	ND		0.0261	0.00523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Iodomethane	ND		0.00523	0.00356	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Isopropylbenzene	ND		0.00523	0.000711	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
4-Isopropyltoluene	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Methylene Chloride	ND		0.0157	0.0105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.0261	0.0140	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Methyl tert-butyl ether	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Naphthalene	ND		0.00523	0.00314	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
N-Propylbenzene	ND		0.00523	0.000941	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1

Client Sample ID: SED-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-6
Matrix: Solid
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1,1,2-Tetrachloroethane	ND		0.00523	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1,2,2-Tetrachloroethane	ND		0.00523	0.00180	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Tetrachloroethene	ND		0.00523	0.00314	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Toluene	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2,3-Trichlorobenzene	ND		0.00523	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2,4-Trichlorobenzene	ND		0.00523	0.00210	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1,1-Trichloroethane	ND		0.00523	0.00115	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1,2-Trichloroethane	ND		0.00523	0.00168	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Trichloroethene	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Trichlorofluoromethane	ND		0.00523	0.00253	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2,3-Trichloropropane	ND		0.00523	0.00218	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00523	0.00197	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,2,4-Trimethylbenzene	ND		0.00523	0.00105	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
1,3,5-Trimethylbenzene	ND		0.00523	0.000868	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Vinyl acetate	ND		0.0261	0.00667	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Vinyl chloride	ND		0.00523	0.00228	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
o-Xylene	ND		0.00523	0.00314	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
m-Xylene & p-Xylene	ND		0.00523	0.00314	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Xylenes, Total	ND		0.0105	0.00628	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Isopropyl ether	ND		0.00523	0.00144	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Hexane	ND	*1	0.00523	0.00272	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
n-Heptane	ND		0.00523	0.00302	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1
Ethyl acetate	ND		0.0209	0.00523	mg/Kg	☼	11/12/25 11:25	11/12/25 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:36*	*1*
Dibromofluoromethane	*99*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:36*	*1*
Toluene-d8 (Surr)	*100*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*50 - 150*	*11/12/25 11:25*	*11/12/25 17:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00768	0.00768	mg/Kg	☼	11/10/25 13:12	11/12/25 21:13	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*10 - 150*	*11/10/25 13:12*	*11/12/25 21:13*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.398	0.0116	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,4,5-Trichlorophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,4,6-Trichlorophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,4-Dichlorophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,4-Dimethylphenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,4-Dinitrophenol	ND		1.19	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,4-Dinitrotoluene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2,6-Dinitrotoluene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2-Chloronaphthalene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2-Chlorophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2-Methylnaphthalene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1

Client Sample ID: SED-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-6
Matrix: Solid
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2-Nitroaniline	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
2-Nitrophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
3 & 4 Methylphenol	ND		0.795	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
3,3'-Dichlorobenzidine	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
3-Nitroaniline	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4,6-Dinitro-2-methylphenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4-Bromophenyl phenyl ether	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4-Chloro-3-methylphenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4-Chloroaniline	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4-Chlorophenyl phenyl ether	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4-Nitroaniline	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
4-Nitrophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Acenaphthene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Acenaphthylene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Acetophenone	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Anthracene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Atrazine	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Benzaldehyde	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Benzo[a]anthracene	**0.0592**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Benzo[a]pyrene	**0.0903**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Benzo[b]fluoranthene	**0.152**	**J**	0.398	0.00169	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Benzo[g,h,i]perylene	**0.0751**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Benzo[k]fluoranthene	**0.0481**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
bis (2-chloroisopropyl) ether	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Bis(2-chloroethoxy)methane	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Bis(2-chloroethyl)ether	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Bis(2-ethylhexyl) phthalate	ND		0.398	0.120	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Butyl benzyl phthalate	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Caprolactam	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Carbazole	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Chrysene	**0.108**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Dibenz(a,h)anthracene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Dibenzofuran	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Diethyl phthalate	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Dimethyl phthalate	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Di-n-butyl phthalate	ND		1.19	0.361	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Di-n-octyl phthalate	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Fluoranthene	**0.158**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Fluorene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Hexachlorobenzene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Hexachlorobutadiene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Hexachlorocyclopentadiene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Hexachloroethane	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Indeno[1,2,3-cd]pyrene	**0.0760**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Isophorone	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Naphthalene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Nitrobenzene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
N-Nitrosodi-n-propylamine	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1

Client Sample ID: SED-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-6
Matrix: Solid
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Pentachlorophenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Phenanthrene	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Phenol	ND		0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1
Pyrene	**0.129**	**J**	0.398	0.0398	mg/Kg	☼	11/10/25 09:47	11/11/25 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:15*	*1*
2-Fluorobiphenyl (Surr)	*100*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:15*	*1*
2-Fluorophenol (Surr)	*113*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:15*	*1*
Nitrobenzene-d5 (Surr)	*101*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:15*	*1*
Phenol-d5 (Surr)	*114*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:15*	*1*
Terphenyl-d14 (Surr)	*104*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:15*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.18**	**J**	3.18	0.923	mg/Kg	☼		11/13/25 13:24	1
Sulfate	**17.6**		12.7	12.5	mg/Kg	☼		11/13/25 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.58	0.135	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Arsenic	**1.14**	**J B**	1.29	0.226	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Barium	**9.50**		2.58	0.213	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Beryllium	**0.163**	**J**	1.29	0.148	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Cadmium	ND		1.29	0.703	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Chromium	**3.74**		1.29	0.613	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Cobalt	**1.96**		1.29	0.103	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Copper	**5.63**		1.29	0.393	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Lead	**16.2**		1.29	0.103	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Manganese	**69.0**		6.45	4.17	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Nickel	**5.36**		1.29	0.484	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Selenium	**0.465**	**J**	2.58	0.213	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Silver	ND		0.645	0.303	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Thallium	ND		1.29	0.0516	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Vanadium	**7.88**		1.29	0.400	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5
Zinc	**72.2**		12.9	9.93	mg/Kg	☼	11/11/25 09:24	11/11/25 19:35	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0493	0.0247	mg/Kg	☼	11/12/25 08:45	11/12/25 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.22	0.122	mg/Kg	☼	11/11/25 10:27	11/17/25 23:12	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.26	0.403	mg/Kg	☼		11/21/25 16:15	1

Client Sample ID: SED-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-7
Matrix: Solid
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0424**		0.0273	0.0131	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Benzene	ND		0.00546	0.000731	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Bromobenzene	ND		0.00546	0.00142	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Chlorobromomethane	ND		0.00546	0.000884	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Dichlorobromomethane	ND		0.00546	0.00100	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Bromoform	ND		0.00546	0.00142	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Bromomethane	ND		0.00546	0.00273	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
2-Butanone (MEK)	ND		0.0273	0.00655	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
n-Butylbenzene	ND		0.00546	0.00105	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
sec-Butylbenzene	ND		0.00546	0.00104	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
tert-Butylbenzene	ND		0.00546	0.00120	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Carbon disulfide	**0.00324**	**J**	0.00546	0.00276	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Carbon tetrachloride	ND		0.00546	0.00186	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Chlorobenzene	ND		0.00546	0.00144	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Chloroethane	ND		0.00546	0.00360	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Chloroform	ND		0.00546	0.00148	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Chloromethane	ND		0.00546	0.00241	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
2-Chlorotoluene	ND		0.00546	0.00181	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
4-Chlorotoluene	ND		0.00546	0.00107	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Chlorodibromomethane	ND		0.00546	0.00131	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2-Dibromo-3-Chloropropane	ND		0.00546	0.00360	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Ethylene Dibromide	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Dibromomethane	ND		0.00546	0.000906	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2-Dichlorobenzene	ND		0.00546	0.00174	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,3-Dichlorobenzene	ND		0.00546	0.00104	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,4-Dichlorobenzene	ND		0.00546	0.000939	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
trans-1,4-Dichloro-2-butene	ND		0.00546	0.00273	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1-Dichloroethane	ND		0.00546	0.000906	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2-Dichloroethane	ND		0.00546	0.00201	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
cis-1,2-Dichloroethene	ND		0.00546	0.000830	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
trans-1,2-Dichloroethene	ND		0.00546	0.00105	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1-Dichloroethene	ND		0.00546	0.00229	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2-Dichloropropane	ND		0.00546	0.000830	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,3-Dichloropropane	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
2,2-Dichloropropane	ND		0.00546	0.00120	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1-Dichloropropene	ND		0.00546	0.000906	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
cis-1,3-Dichloropropene	ND		0.00546	0.00131	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
trans-1,3-Dichloropropene	ND		0.00546	0.00120	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Ethylbenzene	ND		0.00546	0.000666	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Hexachlorobutadiene	ND	*+	0.00546	0.00273	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
2-Hexanone	ND		0.0273	0.00546	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Iodomethane	ND		0.00546	0.00371	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Isopropylbenzene	ND		0.00546	0.000742	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
4-Isopropyltoluene	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Methylene Chloride	ND		0.0164	0.0109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		0.0273	0.0147	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Methyl tert-butyl ether	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Naphthalene	ND		0.00546	0.00327	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
N-Propylbenzene	ND		0.00546	0.000982	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1

Client Sample ID: SED-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-7
Matrix: Solid
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1,1,2-Tetrachloroethane	ND		0.00546	0.00120	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1,2,2-Tetrachloroethane	ND		0.00546	0.00188	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Tetrachloroethene	ND		0.00546	0.00327	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Toluene	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2,3-Trichlorobenzene	ND		0.00546	0.00120	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2,4-Trichlorobenzene	ND		0.00546	0.00219	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1,1-Trichloroethane	ND		0.00546	0.00120	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1,2-Trichloroethane	ND		0.00546	0.00176	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Trichloroethene	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Trichlorofluoromethane	ND		0.00546	0.00264	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2,3-Trichloropropane	ND		0.00546	0.00227	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00546	0.00205	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,2,4-Trimethylbenzene	ND		0.00546	0.00109	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
1,3,5-Trimethylbenzene	ND		0.00546	0.000906	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Vinyl acetate	ND		0.0273	0.00696	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Vinyl chloride	ND		0.00546	0.00238	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
o-Xylene	ND		0.00546	0.00327	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
m-Xylene & p-Xylene	ND		0.00546	0.00327	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Xylenes, Total	ND		0.0109	0.00655	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Isopropyl ether	ND		0.00546	0.00151	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Hexane	ND		0.00546	0.00284	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
n-Heptane	ND		0.00546	0.00315	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1
Ethyl acetate	ND		0.0218	0.00546	mg/Kg	☼	11/13/25 11:20	11/13/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*11/13/25 11:20*	*11/13/25 20:34*	*1*
Dibromofluoromethane	*100*		*50 - 150*	*11/13/25 11:20*	*11/13/25 20:34*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/13/25 11:20*	*11/13/25 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*	*11/13/25 11:20*	*11/13/25 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	ND		0.00303	0.00303	mg/Kg	☼	11/10/25 13:12	11/12/25 21:34	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*50*		*10 - 150*	*11/10/25 13:12*	*11/12/25 21:34*	*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		0.397	0.0115	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,4,5-Trichlorophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,4,6-Trichlorophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,4-Dichlorophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,4-Dimethylphenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,4-Dinitrophenol	ND		1.19	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,4-Dinitrotoluene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2,6-Dinitrotoluene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2-Chloronaphthalene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2-Chlorophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2-Methylnaphthalene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1

Client Sample ID: SED-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-7
Matrix: Solid
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2-Nitroaniline	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
2-Nitrophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
3 & 4 Methylphenol	ND		0.794	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
3,3'-Dichlorobenzidine	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
3-Nitroaniline	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4,6-Dinitro-2-methylphenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4-Bromophenyl phenyl ether	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4-Chloro-3-methylphenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4-Chloroaniline	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4-Chlorophenyl phenyl ether	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4-Nitroaniline	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
4-Nitrophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Acenaphthene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Acenaphthylene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Acetophenone	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Anthracene	**0.0534**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Atrazine	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Benzaldehyde	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Benzo[a]anthracene	**0.417**		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Benzo[a]pyrene	**0.479**		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Benzo[b]fluoranthene	**0.866**		0.397	0.00168	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Benzo[g,h,i]perylene	**0.351**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Benzo[k]fluoranthene	**0.286**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
bis (2-chloroisopropyl) ether	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Bis(2-chloroethoxy)methane	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Bis(2-chloroethyl)ether	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Bis(2-ethylhexyl) phthalate	ND		0.397	0.120	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Butyl benzyl phthalate	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Caprolactam	**0.0793**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Carbazole	**0.0894**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Chrysene	**0.733**		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Dibenz(a,h)anthracene	**0.0913**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Dibenzofuran	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Diethyl phthalate	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Dimethyl phthalate	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Di-n-butyl phthalate	ND		1.19	0.361	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Di-n-octyl phthalate	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Fluoranthene	**1.50**		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Fluorene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Hexachlorobenzene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Hexachlorobutadiene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Hexachlorocyclopentadiene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Hexachloroethane	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Indeno[1,2,3-cd]pyrene	**0.385**	**J**	0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Isophorone	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Naphthalene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Nitrobenzene	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
N-Nitrosodi-n-propylamine	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1

Client Sample ID: SED-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-7
Matrix: Solid
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Pentachlorophenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Phenanthrene	**0.685**		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Phenol	ND		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1
Pyrene	**1.16**		0.397	0.0397	mg/Kg	☼	11/10/25 09:47	11/11/25 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:45*	*1*
2-Fluorobiphenyl (Surr)	*95*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:45*	*1*
2-Fluorophenol (Surr)	*105*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:45*	*1*
Nitrobenzene-d5 (Surr)	*98*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:45*	*1*
Phenol-d5 (Surr)	*106*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:45*	*1*
Terphenyl-d14 (Surr)	*93*		*40 - 140*	*11/10/25 09:47*	*11/11/25 15:45*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**5.30**		3.19	0.924	mg/Kg	☼		11/13/25 14:09	1
Sulfate	**16.6**		12.8	12.5	mg/Kg	☼		11/13/25 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.48	0.130	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Arsenic	**1.28**	**B**	1.24	0.217	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Barium	**24.5**		2.48	0.205	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Beryllium	ND		1.24	0.143	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Cadmium	ND		1.24	0.677	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Chromium	**3.96**		1.24	0.590	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Cobalt	**2.09**		1.24	0.0994	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Copper	**7.20**		1.24	0.379	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Lead	**27.2**		1.24	0.0994	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Manganese	**58.8**		6.21	4.01	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Nickel	**5.54**		1.24	0.466	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Selenium	ND		2.48	0.205	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Silver	ND		0.621	0.292	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Thallium	ND		1.24	0.0497	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Vanadium	**5.14**		1.24	0.385	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5
Zinc	**53.1**		12.4	9.57	mg/Kg	☼	11/11/25 09:24	11/11/25 19:37	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0511	0.0255	mg/Kg	☼	11/12/25 08:45	11/12/25 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.16	0.116	mg/Kg	☼	11/11/25 10:27	11/17/25 23:25	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.19	0.382	mg/Kg	☼		11/21/25 16:18	1

Client Sample ID: SED-2

Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-8

Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0105**	**J**	0.0131	0.00630	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Benzene	ND		0.00263	0.000352	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Bromobenzene	ND		0.00263	0.000683	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Chlorobromomethane	ND		0.00263	0.000425	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Dichlorobromomethane	ND		0.00263	0.000483	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Bromoform	ND		0.00263	0.000683	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Bromomethane	ND		0.00263	0.00131	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
2-Butanone (MEK)	ND		0.0131	0.00315	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
n-Butylbenzene	ND		0.00263	0.000504	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
sec-Butylbenzene	ND		0.00263	0.000499	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
tert-Butylbenzene	ND		0.00263	0.000578	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Carbon disulfide	**0.00305**		0.00263	0.00133	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Carbon tetrachloride	ND		0.00263	0.000893	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Chlorobenzene	ND		0.00263	0.000693	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Chloroethane	ND		0.00263	0.00173	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Chloroform	ND		0.00263	0.000714	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Chloromethane	ND		0.00263	0.00116	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
2-Chlorotoluene	ND		0.00263	0.000872	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
4-Chlorotoluene	ND		0.00263	0.000515	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Chlorodibromomethane	ND		0.00263	0.000630	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2-Dibromo-3-Chloropropane	ND		0.00263	0.00173	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Ethylene Dibromide	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Dibromomethane	ND		0.00263	0.000436	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2-Dichlorobenzene	ND		0.00263	0.000835	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,3-Dichlorobenzene	ND		0.00263	0.000499	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,4-Dichlorobenzene	ND		0.00263	0.000452	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
trans-1,4-Dichloro-2-butene	ND		0.00263	0.00131	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1-Dichloroethane	ND		0.00263	0.000436	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2-Dichloroethane	ND		0.00263	0.000966	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
cis-1,2-Dichloroethene	ND		0.00263	0.000399	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
trans-1,2-Dichloroethene	ND		0.00263	0.000504	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1-Dichloroethene	ND		0.00263	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2-Dichloropropane	ND		0.00263	0.000399	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,3-Dichloropropane	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
2,2-Dichloropropane	ND		0.00263	0.000578	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1-Dichloropropene	ND		0.00263	0.000436	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
cis-1,3-Dichloropropene	ND		0.00263	0.000630	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
trans-1,3-Dichloropropene	ND		0.00263	0.000578	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Ethylbenzene	ND		0.00263	0.000320	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Hexachlorobutadiene	ND		0.00263	0.00131	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
2-Hexanone	ND		0.0131	0.00263	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Iodomethane	ND		0.00263	0.00179	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Isopropylbenzene	ND		0.00263	0.000357	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
4-Isopropyltoluene	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Methylene Chloride	ND		0.00788	0.00525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
4-Methyl-2-pentanone (MIBK)	ND		0.0131	0.00705	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Methyl tert-butyl ether	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Naphthalene	ND		0.00263	0.00158	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
N-Propylbenzene	ND		0.00263	0.000473	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1

Client Sample ID: SED-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-8
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1,1,2-Tetrachloroethane	ND		0.00263	0.000578	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1,2,2-Tetrachloroethane	ND		0.00263	0.000903	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Tetrachloroethene	ND		0.00263	0.00158	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Toluene	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2,3-Trichlorobenzene	ND		0.00263	0.000578	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2,4-Trichlorobenzene	ND		0.00263	0.00106	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1,1-Trichloroethane	ND		0.00263	0.000578	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1,2-Trichloroethane	ND		0.00263	0.000845	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Trichloroethene	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Trichlorofluoromethane	ND		0.00263	0.00127	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2,3-Trichloropropane	ND		0.00263	0.00109	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00263	0.000987	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,2,4-Trimethylbenzene	ND		0.00263	0.000525	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
1,3,5-Trimethylbenzene	ND		0.00263	0.000436	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Vinyl acetate	ND		0.0131	0.00335	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Vinyl chloride	ND		0.00263	0.00114	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
o-Xylene	ND		0.00263	0.00158	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
m-Xylene & p-Xylene	ND		0.00263	0.00158	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Xylenes, Total	ND		0.00525	0.00315	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Isopropyl ether	ND		0.00263	0.000725	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Hexane	ND		0.00263	0.00137	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
n-Heptane	ND		0.00263	0.00152	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1
Ethyl acetate	ND		0.0105	0.00263	mg/Kg	☼	11/18/25 10:25	11/18/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:06*	*1*
Dibromofluoromethane	*103*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:06*	*1*
Toluene-d8 (Surr)	*100*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00303	0.00303	mg/Kg	☼	11/10/25 13:12	11/12/25 21:56	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*11/10/25 13:12*	*11/12/25 21:56*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.399	0.0116	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,4,5-Trichlorophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,4,6-Trichlorophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,4-Dichlorophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,4-Dimethylphenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,4-Dinitrophenol	ND		1.20	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,4-Dinitrotoluene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2,6-Dinitrotoluene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2-Chloronaphthalene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2-Chlorophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2-Methylnaphthalene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1

Client Sample ID: SED-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-8
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
2-Nitrophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
3 & 4 Methylphenol	ND		0.799	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
3,3'-Dichlorobenzidine	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
3-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4,6-Dinitro-2-methylphenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4-Bromophenyl phenyl ether	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4-Chloro-3-methylphenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4-Chloroaniline	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4-Chlorophenyl phenyl ether	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
4-Nitrophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Acenaphthene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Acenaphthylene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Acetophenone	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Anthracene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Atrazine	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Benzaldehyde	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Benzo[a]anthracene	**0.349**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Benzo[a]pyrene	**0.437**		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Benzo[b]fluoranthene	**0.724**		0.399	0.00169	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Benzo[g,h,i]perylene	**0.368**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Benzo[k]fluoranthene	**0.246**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
bis (2-chloroisopropyl) ether	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Bis(2-chloroethoxy)methane	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Bis(2-chloroethyl)ether	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Bis(2-ethylhexyl) phthalate	ND		0.399	0.121	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Butyl benzyl phthalate	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Caprolactam	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Carbazole	**0.0482**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Chrysene	**0.592**		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Dibenz(a,h)anthracene	**0.0780**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Dibenzofuran	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Diethyl phthalate	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Dimethyl phthalate	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Di-n-butyl phthalate	ND		1.20	0.363	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Di-n-octyl phthalate	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Fluoranthene	**0.947**		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Fluorene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Hexachlorobenzene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Hexachlorobutadiene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Hexachlorocyclopentadiene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Hexachloroethane	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Indeno[1,2,3-cd]pyrene	**0.367**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Isophorone	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Naphthalene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Nitrobenzene	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
N-Nitrosodi-n-propylamine	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1

Client Sample ID: SED-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-8
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Pentachlorophenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Phenanthrene	**0.249**	**J**	0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Phenol	ND		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1
Pyrene	**0.762**		0.399	0.0399	mg/Kg	☼	11/10/25 09:47	11/11/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:16*	*1*
2-Fluorobiphenyl (Surr)	*100*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:16*	*1*
2-Fluorophenol (Surr)	*114*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:16*	*1*
Nitrobenzene-d5 (Surr)	*104*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:16*	*1*
Phenol-d5 (Surr)	*118*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:16*	*1*
Terphenyl-d14 (Surr)	*108*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:16*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.64**	**J**	3.16	0.917	mg/Kg	☼		11/13/25 14:21	1
Sulfate	**18.8**		12.6	12.4	mg/Kg	☼		11/13/25 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.39	0.126	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Arsenic	**0.672**	**J B**	1.20	0.209	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Barium	**14.2**		2.39	0.197	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Beryllium	ND		1.20	0.138	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Cadmium	ND		1.20	0.652	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Chromium	**3.17**		1.20	0.568	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Cobalt	**2.78**		1.20	0.0957	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Copper	**8.55**		1.20	0.365	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Lead	**13.3**		1.20	0.0957	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Manganese	**68.7**		5.98	3.86	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Nickel	**8.48**		1.20	0.449	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Selenium	ND		2.39	0.197	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Silver	ND		0.598	0.281	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Thallium	ND		1.20	0.0479	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Vanadium	**4.76**		1.20	0.371	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5
Zinc	**35.6**		12.0	9.21	mg/Kg	☼	11/11/25 09:24	11/11/25 19:40	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0517	0.0258	mg/Kg	☼	11/12/25 08:45	11/12/25 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.21	0.121	mg/Kg	☼	11/11/25 10:27	11/17/25 23:38	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.21	0.389	mg/Kg	☼		11/21/25 16:32	1

Client Sample ID: SED-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-9
Matrix: Solid
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0355**		0.0249	0.0120	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Benzene	ND		0.00498	0.000667	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Bromobenzene	ND		0.00498	0.00129	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Chlorobromomethane	ND		0.00498	0.000807	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Dichlorobromomethane	ND		0.00498	0.000916	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Bromoform	ND		0.00498	0.00129	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Bromomethane	ND		0.00498	0.00249	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
2-Butanone (MEK)	ND		0.0249	0.00598	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
n-Butylbenzene	ND		0.00498	0.000956	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
sec-Butylbenzene	ND		0.00498	0.000946	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
tert-Butylbenzene	ND		0.00498	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Carbon disulfide	ND		0.00498	0.00252	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Carbon tetrachloride	ND		0.00498	0.00169	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Chlorobenzene	ND		0.00498	0.00131	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Chloroethane	ND		0.00498	0.00329	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Chloroform	ND		0.00498	0.00135	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Chloromethane	ND		0.00498	0.00220	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
2-Chlorotoluene	ND		0.00498	0.00165	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
4-Chlorotoluene	ND		0.00498	0.000976	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Chlorodibromomethane	ND		0.00498	0.00120	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2-Dibromo-3-Chloropropane	ND		0.00498	0.00329	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Ethylene Dibromide	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Dibromomethane	ND		0.00498	0.000827	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2-Dichlorobenzene	ND		0.00498	0.00158	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,3-Dichlorobenzene	ND		0.00498	0.000946	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,4-Dichlorobenzene	ND		0.00498	0.000857	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
trans-1,4-Dichloro-2-butene	ND		0.00498	0.00249	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1-Dichloroethane	ND		0.00498	0.000827	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2-Dichloroethane	ND		0.00498	0.00183	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
cis-1,2-Dichloroethene	ND		0.00498	0.000757	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
trans-1,2-Dichloroethene	ND		0.00498	0.000956	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1-Dichloroethene	ND		0.00498	0.00209	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2-Dichloropropane	ND		0.00498	0.000757	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,3-Dichloropropane	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
2,2-Dichloropropane	ND		0.00498	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1-Dichloropropene	ND		0.00498	0.000827	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
cis-1,3-Dichloropropene	ND		0.00498	0.00120	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
trans-1,3-Dichloropropene	ND		0.00498	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Ethylbenzene	ND		0.00498	0.000608	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Hexachlorobutadiene	ND		0.00498	0.00249	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
2-Hexanone	ND		0.0249	0.00498	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Iodomethane	ND		0.00498	0.00339	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Isopropylbenzene	ND		0.00498	0.000677	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
4-Isopropyltoluene	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Methylene Chloride	ND		0.0149	0.00996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
4-Methyl-2-pentanone (MIBK)	ND		0.0249	0.0134	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Methyl tert-butyl ether	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Naphthalene	ND		0.00498	0.00299	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
N-Propylbenzene	ND		0.00498	0.000896	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1

Client Sample ID: SED-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-9
Matrix: Solid
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1,1,2-Tetrachloroethane	ND		0.00498	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1,2,2-Tetrachloroethane	ND		0.00498	0.00171	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Tetrachloroethene	ND		0.00498	0.00299	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Toluene	**0.00145**	**J**	0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2,3-Trichlorobenzene	ND		0.00498	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2,4-Trichlorobenzene	ND		0.00498	0.00200	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1,1-Trichloroethane	ND		0.00498	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1,2-Trichloroethane	ND		0.00498	0.00160	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Trichloroethene	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Trichlorofluoromethane	ND		0.00498	0.00241	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2,3-Trichloropropane	ND		0.00498	0.00207	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00498	0.00187	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,2,4-Trimethylbenzene	ND		0.00498	0.000996	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
1,3,5-Trimethylbenzene	ND		0.00498	0.000827	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Vinyl acetate	ND		0.0249	0.00635	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Vinyl chloride	ND		0.00498	0.00217	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
o-Xylene	ND		0.00498	0.00299	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
m-Xylene & p-Xylene	ND		0.00498	0.00299	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Xylenes, Total	ND		0.00996	0.00598	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Isopropyl ether	ND		0.00498	0.00137	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Hexane	ND		0.00498	0.00259	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
n-Heptane	ND		0.00498	0.00288	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1
Ethyl acetate	ND		0.0199	0.00498	mg/Kg	☼	11/18/25 10:25	11/18/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:33*	*1*
Dibromofluoromethane	*102*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:33*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*50 - 150*	*11/18/25 10:25*	*11/18/25 13:33*	*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		0.00724	0.00724	mg/Kg	☼	11/10/25 13:12	11/12/25 22:17	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*53*		*10 - 150*	*11/10/25 13:12*	*11/12/25 22:17*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.405	0.0118	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,4,5-Trichlorophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,4,6-Trichlorophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,4-Dichlorophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,4-Dimethylphenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,4-Dinitrophenol	ND		1.21	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,4-Dinitrotoluene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2,6-Dinitrotoluene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2-Chloronaphthalene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2-Chlorophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2-Methylnaphthalene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1

Client Sample ID: SED-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-9
Matrix: Solid
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2-Nitroaniline	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
2-Nitrophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
3 & 4 Methylphenol	ND		0.809	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
3,3'-Dichlorobenzidine	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
3-Nitroaniline	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4,6-Dinitro-2-methylphenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4-Bromophenyl phenyl ether	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4-Chloro-3-methylphenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4-Chloroaniline	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4-Chlorophenyl phenyl ether	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4-Nitroaniline	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
4-Nitrophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Acenaphthene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Acenaphthylene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Acetophenone	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Anthracene	**0.0429**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Atrazine	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Benzaldehyde	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Benzo[a]anthracene	**0.288**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Benzo[a]pyrene	**0.306**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Benzo[b]fluoranthene	**0.451**		0.405	0.00172	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Benzo[g,h,i]perylene	**0.236**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Benzo[k]fluoranthene	**0.146**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
bis (2-chloroisopropyl) ether	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Bis(2-chloroethoxy)methane	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Bis(2-chloroethyl)ether	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Bis(2-ethylhexyl) phthalate	ND		0.405	0.123	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Butyl benzyl phthalate	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Caprolactam	**0.0558**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Carbazole	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Chrysene	**0.323**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Dibenz(a,h)anthracene	**0.0506**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Dibenzofuran	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Diethyl phthalate	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Dimethyl phthalate	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Di-n-butyl phthalate	ND		1.21	0.368	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Di-n-octyl phthalate	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Fluoranthene	**0.686**		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Fluorene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Hexachlorobenzene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Hexachlorobutadiene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Hexachlorocyclopentadiene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Hexachloroethane	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Indeno[1,2,3-cd]pyrene	**0.240**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Isophorone	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Naphthalene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Nitrobenzene	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
N-Nitrosodi-n-propylamine	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1

Client Sample ID: SED-1
Date Collected: 11/06/25 15:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-9
Matrix: Solid
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Pentachlorophenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Phenanthrene	**0.258**	**J**	0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Phenol	ND		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1
Pyrene	**0.531**		0.405	0.0405	mg/Kg	☼	11/10/25 09:47	11/11/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*35*	*S1-*	*40 - 140*	*11/10/25 09:47*	*11/11/25 16:46*	*1*
2-Fluorobiphenyl (Surr)	*88*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:46*	*1*
2-Fluorophenol (Surr)	*91*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:46*	*1*
Nitrobenzene-d5 (Surr)	*89*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:46*	*1*
Phenol-d5 (Surr)	*99*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:46*	*1*
Terphenyl-d14 (Surr)	*93*		*40 - 140*	*11/10/25 09:47*	*11/11/25 16:46*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.69**	**J**	3.04	0.881	mg/Kg	☼		11/13/25 14:32	1
Sulfate	**53.0**		12.1	11.9	mg/Kg	☼		11/13/25 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.53	0.133	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Arsenic	**0.547**	**J B**	1.27	0.222	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Barium	**9.16**		2.53	0.209	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Beryllium	ND		1.27	0.146	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Cadmium	ND		1.27	0.690	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Chromium	**3.33**		1.27	0.602	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Cobalt	**2.22**		1.27	0.101	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Copper	**5.01**		1.27	0.386	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Lead	**9.14**		1.27	0.101	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Manganese	**49.9**		6.33	4.09	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Nickel	**6.78**		1.27	0.475	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Selenium	ND		2.53	0.209	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Silver	ND		0.633	0.298	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Thallium	ND		1.27	0.0507	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Vanadium	**4.88**		1.27	0.393	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5
Zinc	**31.0**		12.7	9.75	mg/Kg	☼	11/11/25 09:24	11/11/25 19:42	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0482	0.0241	mg/Kg	☼	11/12/25 08:45	11/12/25 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.23	0.123	mg/Kg	☼	11/11/25 10:27	11/17/25 23:50	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.21	0.388	mg/Kg	☼		11/21/25 16:34	1

Client Sample ID: Trip Blank 1

Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-10

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			11/11/25 17:51	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 17:51	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 17:51	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 17:51	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 17:51	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 17:51	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 17:51	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 17:51	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 17:51	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 17:51	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 17:51	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 17:51	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 17:51	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 17:51	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 17:51	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 17:51	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 17:51	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 17:51	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 17:51	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 17:51	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 17:51	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 17:51	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 17:51	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 17:51	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 17:51	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 17:51	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 17:51	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 17:51	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 17:51	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 17:51	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 17:51	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 17:51	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 17:51	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 17:51	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 17:51	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 17:51	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 17:51	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 17:51	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 17:51	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 17:51	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 17:51	1

Client Sample ID: Trip Blank 1

Lab Sample ID: 752-38989-10

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/06/25 16:45

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			11/11/25 17:51	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 17:51	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 17:51	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 17:51	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 17:51	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 17:51	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 17:51	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 17:51	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 17:51	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 17:51	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 17:51	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 17:51	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 17:51	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 17:51	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 17:51	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 17:51	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 17:51	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 17:51	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 17:51	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 17:51	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 17:51	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*121*		*56 - 136*		*11/11/25 17:51*	*1*
Dibromofluoromethane	*97*		*79 - 130*		*11/11/25 17:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*11/11/25 17:51*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/11/25 17:51*	*1*

Client Sample ID: Trip Blank 2

Lab Sample ID: 752-38989-11

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/06/25 16:45

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			11/11/25 18:16	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 18:16	1
Bromobenzene	ND	*3	1.00	0.540	ug/L			11/11/25 18:16	1
Bromoform	ND	*3	5.00	0.250	ug/L			11/11/25 18:16	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 18:16	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 18:16	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 18:16	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 18:16	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 18:16	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 18:16	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 18:16	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 18:16	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 18:16	1

Client Sample ID: Trip Blank 2
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 18:16	1
2-Chlorotoluene	ND	*3	1.00	0.570	ug/L			11/11/25 18:16	1
4-Chlorotoluene	ND	*3	1.00	0.560	ug/L			11/11/25 18:16	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 18:16	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 18:16	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.00	1.50	ug/L			11/11/25 18:16	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 18:16	1
1,2-Dichlorobenzene	ND	*3	1.00	0.500	ug/L			11/11/25 18:16	1
1,3-Dichlorobenzene	ND	*3	1.00	0.540	ug/L			11/11/25 18:16	1
1,4-Dichlorobenzene	ND	*3	1.00	0.640	ug/L			11/11/25 18:16	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 18:16	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 18:16	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 18:16	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 18:16	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 18:16	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 18:16	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 18:16	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 18:16	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 18:16	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 18:16	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 18:16	1
Hexachlorobutadiene	ND	*3	5.00	0.900	ug/L			11/11/25 18:16	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 18:16	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 18:16	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 18:16	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 18:16	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 18:16	1
4-Isopropyltoluene	ND	*3	1.00	0.710	ug/L			11/11/25 18:16	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 18:16	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 18:16	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 18:16	1
Naphthalene	ND	*3	5.00	3.00	ug/L			11/11/25 18:16	1
n-Butylbenzene	ND	*3	1.00	0.760	ug/L			11/11/25 18:16	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 18:16	1
N-Propylbenzene	ND	*3	1.00	0.690	ug/L			11/11/25 18:16	1
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 18:16	1
sec-Butylbenzene	ND	*3	1.00	0.700	ug/L			11/11/25 18:16	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 18:16	1
tert-Butylbenzene	ND	*3	1.00	0.630	ug/L			11/11/25 18:16	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 18:16	1
1,1,2,2-Tetrachloroethane	ND	*3	1.00	0.500	ug/L			11/11/25 18:16	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 18:16	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 18:16	1
trans-1,4-Dichloro-2-butene	ND	*3	5.00	1.00	ug/L			11/11/25 18:16	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 18:16	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 18:16	1
1,2,3-Trichlorobenzene	ND	*3	1.00	0.900	ug/L			11/11/25 18:16	1
1,2,4-Trichlorobenzene	ND	*3	1.00	0.820	ug/L			11/11/25 18:16	1

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

Job ID: 752-38989-1

Client Sample ID: Trip Blank 2

Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 18:16	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 18:16	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 18:16	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 18:16	1
1,2,3-Trichloropropane	ND	*3	5.00	0.840	ug/L			11/11/25 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 18:16	1
1,2,4-Trimethylbenzene	ND	*3	1.00	0.820	ug/L			11/11/25 18:16	1
1,3,5-Trimethylbenzene	ND	*3	1.00	0.560	ug/L			11/11/25 18:16	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 18:16	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 18:16	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*120*	*3*	*56 - 136*		*11/11/25 18:16*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*11/11/25 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/11/25 18:16*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*11/11/25 18:16*	*1*

Surrogate Summary

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

Job ID: 752-38989-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	TOL	DCA
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)
752-38989-1	SED-8	97	99	104	110
752-38989-2	SED-7	96	98	99	111
752-38989-3	SED-6	95	99	99	111
752-38989-4	SED-5	94	102	100	113
752-38989-5	SED-Dup	91	100	101	114
752-38989-6	SED-4	94	99	100	109
752-38989-7	SED-3	95	100	101	111
752-38989-8	SED-2	94	103	100	113
752-38989-9	SED-1	94	102	101	112
LCS 400-730284/17-A	Lab Control Sample	89	95	104	95
LCS 400-730445/1-A	Lab Control Sample	90	97	104	95
LCS 400-730995/1-A	Lab Control Sample	86	98	107	97
LCSD 400-730284/18-A	Lab Control Sample Dup	90	96	104	99
MB 400-730284/16-A	Method Blank	95	96	105	100
MB 400-730445/2-A	Method Blank	94	97	104	101
MB 400-730995/2-A	Method Blank	91	99	106	106

Surrogate Legend

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

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)
752-38989-10	Trip Blank 1	121	97	104	98
752-38989-11	Trip Blank 2	120 *3	98	108	96
LCS 400-730038/1003	Lab Control Sample	99	103	109	92
MB 400-730038/5	Method Blank	107	99	105	97

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: 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)
752-38989-1	SED-8	56	105	111	109	120	107
752-38989-2	SED-7	50	111	120	115	129	111
752-38989-3	SED-6	34 S1-	94	102	95	105	97
752-38989-4	SED-5	96	95	109	97	114	99
752-38989-5	SED-Dup	79	101	114	101	118	107

Surrogate Summary

Client: S&ME Inc
Job ID: 752-38989-1
Project/Site: Waltown Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-38989-6	SED-4	73	100	113	101	114	104
752-38989-7	SED-3	56	95	105	98	106	93
752-38989-8	SED-2	64	100	114	104	118	108
752-38989-9	SED-1	35 S1-	88	91	89	99	93
LCS 400-729893/2-A	Lab Control Sample	126	113	121	118	114	117
MB 400-729893/1-A	Method Blank	111	115	123	115	123	128

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: 752-38989-1
Project/Site: Waltown 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)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
752-38989-1	SED-8	42						
752-38989-2	SED-7	52						
752-38989-3	SED-6	41						
752-38989-4	SED-5	52						
752-38989-5	SED-Dup	58						
752-38989-6	SED-4	48						
752-38989-7	SED-3	50						
752-38989-8	SED-2	49						
752-38989-9	SED-1	53						
LCS 400-729961/2-A	Lab Control Sample	63						
MB 400-729961/1-A	Method Blank	55						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730038/5
Matrix: Water
Analysis Batch: 730038

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			11/11/25 10:14	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 10:14	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 10:14	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 10:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 10:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 10:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 10:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 10:14	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 10:14	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 10:14	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 10:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 10:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 10:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 10:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 10:14	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 10:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 10:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 10:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 10:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 10:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 10:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 10:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 10:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 10:14	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 10:14	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 10:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 10:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 10:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 10:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 10:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 10:14	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 10:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 10:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 10:14	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 10:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 10:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 10:14	1

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

Lab Sample ID: MB 400-730038/5
Matrix: Water
Analysis Batch: 730038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 10:14	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 10:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 10:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 10:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 10:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 10:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 10:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 10:14	1
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 10:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 10:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 10:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 10:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 10:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 10:14	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 10:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 10:14	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 10:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 10:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 10:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*11/11/25 10:14*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*11/11/25 10:14*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 10:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*11/11/25 10:14*	*1*

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	212.8		ug/L		106	43 - 150
Benzene	50.0	45.68		ug/L		91	70 - 130
Bromobenzene	50.0	46.56		ug/L		93	70 - 132
Bromoform	50.0	46.83		ug/L		94	57 - 140
Bromomethane	50.0	49.35		ug/L		99	10 - 150
2-Butanone (MEK)	200	219.0		ug/L		110	61 - 145
Chlorobromomethane	50.0	42.07		ug/L		84	70 - 130
Carbon disulfide	50.0	33.53		ug/L		67	61 - 137
Carbon tetrachloride	50.0	46.64		ug/L		93	61 - 137
Chlorobenzene	50.0	46.42		ug/L		93	70 - 130
Chloroethane	50.0	50.18		ug/L		100	55 - 141

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

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	50.0	47.82		ug/L		96	69 - 130
Chloromethane	50.0	36.21		ug/L		72	58 - 137
2-Chlorotoluene	50.0	44.61		ug/L		89	70 - 130
4-Chlorotoluene	50.0	49.81		ug/L		100	70 - 130
Chlorodibromomethane	50.0	46.43		ug/L		93	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	38.75		ug/L		78	54 - 135
Dibromomethane	50.0	45.00		ug/L		90	70 - 130
1,2-Dichlorobenzene	50.0	45.73		ug/L		91	67 - 130
1,3-Dichlorobenzene	50.0	48.27		ug/L		97	70 - 130
Dichlorobromomethane	50.0	48.74		ug/L		97	67 - 133
1,4-Dichlorobenzene	50.0	47.04		ug/L		94	70 - 130
1,1-Dichloroethane	50.0	45.02		ug/L		90	70 - 130
1,2-Dichloroethane	50.0	46.40		ug/L		93	69 - 130
cis-1,2-Dichloroethene	50.0	45.39		ug/L		91	68 - 130
1,1-Dichloroethene	50.0	41.21		ug/L		82	63 - 134
1,2-Dichloropropane	50.0	46.96		ug/L		94	70 - 130
1,3-Dichloropropane	50.0	44.76		ug/L		90	70 - 130
2,2-Dichloropropane	50.0	43.15		ug/L		86	52 - 135
1,1-Dichloropropene	50.0	43.88		ug/L		88	70 - 130
Ethylene Dibromide	50.0	43.94		ug/L		88	70 - 130
cis-1,3-Dichloropropene	50.0	44.99		ug/L		90	69 - 132
Ethylbenzene	50.0	46.92		ug/L		94	70 - 130
Hexachlorobutadiene	50.0	54.49		ug/L		109	53 - 140
2-Hexanone	200	197.1		ug/L		99	65 - 137
Iodomethane	50.0	15.35		ug/L		31	27 - 150
Isopropylbenzene	50.0	47.33		ug/L		95	70 - 130
4-Isopropyltoluene	50.0	49.30		ug/L		99	65 - 130
Methylene Chloride	50.0	37.80		ug/L		76	66 - 135
4-Methyl-2-pentanone (MIBK)	200	180.4		ug/L		90	69 - 138
Methyl tert-butyl ether	50.0	40.41		ug/L		81	66 - 130
Naphthalene	50.0	36.94		ug/L		74	47 - 149
n-Butylbenzene	50.0	46.33		ug/L		93	67 - 130
N-Propylbenzene	50.0	46.73		ug/L		93	70 - 130
sec-Butylbenzene	50.0	49.49		ug/L		99	66 - 130
Styrene	50.0	45.39		ug/L		91	70 - 130
tert-Butylbenzene	50.0	50.21		ug/L		100	64 - 139
1,1,1,2-Tetrachloroethane	50.0	48.34		ug/L		97	67 - 131
1,1,2,2-Tetrachloroethane	50.0	44.37		ug/L		89	70 - 131
Tetrachloroethene	50.0	47.22		ug/L		94	65 - 130
Toluene	50.0	42.92		ug/L		86	70 - 130
trans-1,4-Dichloro-2-butene	50.0	44.56		ug/L		89	57 - 140
trans-1,2-Dichloroethene	50.0	42.39		ug/L		85	70 - 130
trans-1,3-Dichloropropene	50.0	42.81		ug/L		86	63 - 130
1,2,3-Trichlorobenzene	50.0	43.67		ug/L		87	60 - 138
1,2,4-Trichlorobenzene	50.0	43.22		ug/L		86	60 - 140
1,1,1-Trichloroethane	50.0	46.59		ug/L		93	68 - 130
1,1,2-Trichloroethane	50.0	44.66		ug/L		89	70 - 130
o-Xylene	50.0	46.01		ug/L		92	70 - 130
Trichloroethene	50.0	45.56		ug/L		91	70 - 130

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

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	46.89		ug/L		94	70 - 130
Trichlorofluoromethane	50.0	46.69		ug/L		93	65 - 138
1,2,3-Trichloropropane	50.0	47.24		ug/L		94	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.74		ug/L		87	60 - 139
1,2,4-Trimethylbenzene	50.0	48.91		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	50.0	48.41		ug/L		97	69 - 130
Isopropyl ether	20.0	23.79		ug/L		119	64 - 132
Hexane	50.0	35.71		ug/L		71	69 - 130
Vinyl acetate	100	103.6		ug/L		104	26 - 150
n-Heptane	50.0	39.87		ug/L		80	70 - 130
Vinyl chloride	50.0	41.66		ug/L		83	59 - 136
Ethyl acetate	100	85.79		ug/L		86	34 - 150
Xylenes, Total	100	92.90		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*103*		*79 - 130*
Toluene-d8 (Surr)	*92*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*

Lab Sample ID: MB 400-730284/16-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Chloroform	ND		0.00500	0.00136	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/12/25 11:25	11/12/25 13:25	1

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

Lab Sample ID: MB 400-730284/16-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/12/25 11:25	11/12/25 13:25	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/12/25 11:25	11/12/25 13:25	1

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

Lab Sample ID: MB 400-730284/16-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/12/25 11:25	11/12/25 13:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*11/12/25 11:25*	*11/12/25 13:25*	*1*
Dibromofluoromethane	*96*		*50 - 150*	*11/12/25 11:25*	*11/12/25 13:25*	*1*
Toluene-d8 (Surr)	*105*		*50 - 150*	*11/12/25 11:25*	*11/12/25 13:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*50 - 150*	*11/12/25 11:25*	*11/12/25 13:25*	*1*

Lab Sample ID: LCS 400-730284/17-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2911		mg/Kg		146	48 - 150
Benzene	0.0500	0.04596		mg/Kg		92	65 - 130
Bromobenzene	0.0500	0.04625		mg/Kg		92	65 - 130
Bromoform	0.0500	0.04248		mg/Kg		85	52 - 136
Bromomethane	0.0500	0.04781		mg/Kg		96	12 - 150
2-Butanone (MEK)	0.200	0.2214		mg/Kg		111	55 - 130
Chlorobromomethane	0.0500	0.05030		mg/Kg		101	65 - 130
Carbon disulfide	0.0500	0.04379		mg/Kg		88	46 - 141
Carbon tetrachloride	0.0500	0.04576		mg/Kg		92	60 - 130
Chlorobenzene	0.0500	0.04777		mg/Kg		96	70 - 130
Chloroethane	0.0500	0.04705		mg/Kg		94	55 - 134
Chloroform	0.0500	0.04388		mg/Kg		88	62 - 130
Chloromethane	0.0500	0.05362		mg/Kg		107	49 - 136
2-Chlorotoluene	0.0500	0.04179		mg/Kg		84	67 - 130
4-Chlorotoluene	0.0500	0.04266		mg/Kg		85	66 - 130
Chlorodibromomethane	0.0500	0.05149		mg/Kg		103	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.05492		mg/Kg		110	49 - 130
Dibromomethane	0.0500	0.04508		mg/Kg		90	65 - 130
1,2-Dichlorobenzene	0.0500	0.05172		mg/Kg		103	64 - 130
1,3-Dichlorobenzene	0.0500	0.04858		mg/Kg		97	66 - 130
Dichlorobromomethane	0.0500	0.04586		mg/Kg		92	61 - 130
1,4-Dichlorobenzene	0.0500	0.04844		mg/Kg		97	65 - 130
1,1-Dichloroethane	0.0500	0.04486		mg/Kg		90	59 - 130
1,2-Dichloroethane	0.0500	0.04622		mg/Kg		92	62 - 130
cis-1,2-Dichloroethene	0.0500	0.05283		mg/Kg		106	53 - 135
1,1-Dichloroethene	0.0500	0.04901		mg/Kg		98	55 - 137
1,2-Dichloropropane	0.0500	0.04650		mg/Kg		93	64 - 130
1,3-Dichloropropane	0.0500	0.05185		mg/Kg		104	67 - 130
2,2-Dichloropropane	0.0500	0.04513		mg/Kg		90	51 - 132
1,1-Dichloropropene	0.0500	0.04481		mg/Kg		90	65 - 130
Ethylene Dibromide	0.0500	0.04945		mg/Kg		99	67 - 130
cis-1,3-Dichloropropene	0.0500	0.04567		mg/Kg		91	61 - 130
Ethylbenzene	0.0500	0.04708		mg/Kg		94	70 - 130
Hexachlorobutadiene	0.0500	0.06293		mg/Kg		126	62 - 133
2-Hexanone	0.200	0.2203		mg/Kg		110	57 - 131

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

Lab Sample ID: LCS 400-730284/17-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	0.0500	0.03052		mg/Kg		61	12 - 150
Isopropylbenzene	0.0500	0.04630		mg/Kg		93	70 - 130
4-Isopropyltoluene	0.0500	0.04281		mg/Kg		86	68 - 130
Methylene Chloride	0.0500	0.05187		mg/Kg		104	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1820		mg/Kg		91	58 - 130
Methyl tert-butyl ether	0.0500	0.05582		mg/Kg		112	63 - 130
Naphthalene	0.0500	0.04647		mg/Kg		93	45 - 144
n-Butylbenzene	0.0500	0.04144		mg/Kg		83	66 - 130
N-Propylbenzene	0.0500	0.04357		mg/Kg		87	67 - 130
sec-Butylbenzene	0.0500	0.04263		mg/Kg		85	67 - 130
Styrene	0.0500	0.04540		mg/Kg		91	68 - 130
tert-Butylbenzene	0.0500	0.04329		mg/Kg		87	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04946		mg/Kg		99	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04233		mg/Kg		85	60 - 131
Tetrachloroethene	0.0500	0.05185		mg/Kg		104	67 - 130
Toluene	0.0500	0.04933		mg/Kg		99	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04293		mg/Kg		86	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04714		mg/Kg		94	58 - 134
trans-1,3-Dichloropropene	0.0500	0.04983		mg/Kg		100	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.06185		mg/Kg		124	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05447		mg/Kg		109	56 - 138
1,1,1-Trichloroethane	0.0500	0.04626		mg/Kg		93	63 - 130
1,1,2-Trichloroethane	0.0500	0.04984		mg/Kg		100	65 - 130
o-Xylene	0.0500	0.04645		mg/Kg		93	70 - 130
Trichloroethene	0.0500	0.04866		mg/Kg		97	65 - 130
m-Xylene & p-Xylene	0.0500	0.04607		mg/Kg		92	70 - 130
Trichlorofluoromethane	0.0500	0.04301		mg/Kg		86	61 - 136
1,2,3-Trichloropropane	0.0500	0.04425		mg/Kg		89	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.06413		mg/Kg		128	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04083		mg/Kg		82	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04168		mg/Kg		83	67 - 130
Isopropyl ether	0.0500	0.05009		mg/Kg		100	62 - 130
Hexane	0.0500	0.04761		mg/Kg		95	57 - 132
Vinyl acetate	0.100	0.09464		mg/Kg		95	24 - 150
n-Heptane	0.0500	0.04196		mg/Kg		84	61 - 130
Vinyl chloride	0.0500	0.03925		mg/Kg		79	52 - 132
Ethyl acetate	0.100	0.09999		mg/Kg		100	21 - 150
Xylenes, Total	0.100	0.09252		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*50 - 150*
Dibromofluoromethane	*95*		*50 - 150*
Toluene-d8 (Surr)	*104*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*95*		*50 - 150*

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

Lab Sample ID: LCSD 400-730284/18-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730284

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.200	0.2470		mg/Kg		124	48 - 150	16	30
Benzene	0.0500	0.03776		mg/Kg		76	65 - 130	20	30
Bromobenzene	0.0500	0.03891		mg/Kg		78	65 - 130	17	30
Bromoform	0.0500	0.03871		mg/Kg		77	52 - 136	9	30
Bromomethane	0.0500	0.03666		mg/Kg		73	12 - 150	26	30
2-Butanone (MEK)	0.200	0.1912		mg/Kg		96	55 - 130	15	30
Chlorobromomethane	0.0500	0.04362		mg/Kg		87	65 - 130	14	30
Carbon disulfide	0.0500	0.03178	*1	mg/Kg		64	46 - 141	32	30
Carbon tetrachloride	0.0500	0.03817		mg/Kg		76	60 - 130	18	30
Chlorobenzene	0.0500	0.04000		mg/Kg		80	70 - 130	18	30
Chloroethane	0.0500	0.03601		mg/Kg		72	55 - 134	27	30
Chloroform	0.0500	0.03833		mg/Kg		77	62 - 130	14	30
Chloromethane	0.0500	0.04164		mg/Kg		83	49 - 136	25	30
2-Chlorotoluene	0.0500	0.03442		mg/Kg		69	67 - 130	19	30
4-Chlorotoluene	0.0500	0.03525		mg/Kg		70	66 - 130	19	30
Chlorodibromomethane	0.0500	0.04532		mg/Kg		91	58 - 132	13	30
1,2-Dibromo-3-Chloropropane	0.0500	0.05076		mg/Kg		102	49 - 130	8	30
Dibromomethane	0.0500	0.04131		mg/Kg		83	65 - 130	9	30
1,2-Dichlorobenzene	0.0500	0.04466		mg/Kg		89	64 - 130	15	30
1,3-Dichlorobenzene	0.0500	0.03983		mg/Kg		80	66 - 130	20	30
Dichlorobromomethane	0.0500	0.04091		mg/Kg		82	61 - 130	11	30
1,4-Dichlorobenzene	0.0500	0.04066		mg/Kg		81	65 - 130	17	30
1,1-Dichloroethane	0.0500	0.03646		mg/Kg		73	59 - 130	21	30
1,2-Dichloroethane	0.0500	0.04209		mg/Kg		84	62 - 130	9	30
cis-1,2-Dichloroethene	0.0500	0.04406		mg/Kg		88	53 - 135	18	30
1,1-Dichloroethene	0.0500	0.03979		mg/Kg		80	55 - 137	21	30
1,2-Dichloropropane	0.0500	0.03955		mg/Kg		79	64 - 130	16	30
1,3-Dichloropropane	0.0500	0.04651		mg/Kg		93	67 - 130	11	30
2,2-Dichloropropane	0.0500	0.03834		mg/Kg		77	51 - 132	16	30
1,1-Dichloropropene	0.0500	0.03653		mg/Kg		73	65 - 130	20	30
Ethylene Dibromide	0.0500	0.04511		mg/Kg		90	67 - 130	9	30
cis-1,3-Dichloropropene	0.0500	0.03952		mg/Kg		79	61 - 130	14	30
Ethylbenzene	0.0500	0.03859		mg/Kg		77	70 - 130	20	30
Hexachlorobutadiene	0.0500	0.04968		mg/Kg		99	62 - 133	24	30
2-Hexanone	0.200	0.1951		mg/Kg		98	57 - 131	12	30
Iodomethane	0.0500	0.02619		mg/Kg		52	12 - 150	15	30
Isopropylbenzene	0.0500	0.03694		mg/Kg		74	70 - 130	22	30
4-Isopropyltoluene	0.0500	0.03429		mg/Kg		69	68 - 130	22	30
Methylene Chloride	0.0500	0.04366		mg/Kg		87	57 - 132	17	30
4-Methyl-2-pentanone (MIBK)	0.200	0.1685		mg/Kg		84	58 - 130	8	30
Methyl tert-butyl ether	0.0500	0.05016		mg/Kg		100	63 - 130	11	30
Naphthalene	0.0500	0.04132		mg/Kg		83	45 - 144	12	30
n-Butylbenzene	0.0500	0.03292		mg/Kg		66	66 - 130	23	30
N-Propylbenzene	0.0500	0.03493		mg/Kg		70	67 - 130	22	30
sec-Butylbenzene	0.0500	0.03396		mg/Kg		68	67 - 130	23	30
Styrene	0.0500	0.03842		mg/Kg		77	68 - 130	17	30
tert-Butylbenzene	0.0500	0.03474		mg/Kg		69	67 - 130	22	30
1,1,1,2-Tetrachloroethane	0.0500	0.04239		mg/Kg		85	65 - 130	15	30

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

Lab Sample ID: LCSD 400-730284/18-A
Matrix: Solid
Analysis Batch: 730235

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730284

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			0.0500	0.03792		mg/Kg		76	60 - 131	11	30
Tetrachloroethene			0.0500	0.04217		mg/Kg		84	67 - 130	21	30
Toluene			0.0500	0.04070		mg/Kg		81	70 - 130	19	30
trans-1,4-Dichloro-2-butene			0.0500	0.03951		mg/Kg		79	45 - 137	8	30
trans-1,2-Dichloroethene			0.0500	0.03867		mg/Kg		77	58 - 134	20	30
trans-1,3-Dichloropropene			0.0500	0.04398		mg/Kg		88	60 - 130	12	30
1,2,3-Trichlorobenzene			0.0500	0.05567		mg/Kg		111	58 - 135	11	30
1,2,4-Trichlorobenzene			0.0500	0.04823		mg/Kg		96	56 - 138	12	30
1,1,1-Trichloroethane			0.0500	0.03916		mg/Kg		78	63 - 130	17	30
1,1,2-Trichloroethane			0.0500	0.04604		mg/Kg		92	65 - 130	8	30
o-Xylene			0.0500	0.03790		mg/Kg		76	70 - 130	20	30
Trichloroethene			0.0500	0.04017		mg/Kg		80	65 - 130	19	30
m-Xylene & p-Xylene			0.0500	0.03717		mg/Kg		74	70 - 130	21	30
Trichlorofluoromethane			0.0500	0.03548		mg/Kg		71	61 - 136	19	30
1,2,3-Trichloropropane			0.0500	0.04240		mg/Kg		85	60 - 130	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05406		mg/Kg		108	47 - 143	17	30
1,2,4-Trimethylbenzene			0.0500	0.03437		mg/Kg		69	66 - 130	17	30
1,3,5-Trimethylbenzene			0.0500	0.03387		mg/Kg		68	67 - 130	21	30
Isopropyl ether			0.0500	0.04338		mg/Kg		87	62 - 130	14	30
Hexane			0.0500	0.03497	*1	mg/Kg		70	57 - 132	31	30
Vinyl acetate			0.100	0.08175		mg/Kg		82	24 - 150	15	30
n-Heptane			0.0500	0.03122		mg/Kg		62	61 - 130	29	30
Vinyl chloride			0.0500	0.03172		mg/Kg		63	52 - 132	21	30
Ethyl acetate			0.100	0.09264		mg/Kg		93	21 - 150	8	30
Xylenes, Total			0.100	0.07508		mg/Kg		75	70 - 130	21	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*50 - 150*
Dibromofluoromethane	*96*		*50 - 150*
Toluene-d8 (Surr)	*104*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*99*		*50 - 150*

Lab Sample ID: MB 400-730445/2-A
Matrix: Solid
Analysis Batch: 730394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/13/25 11:20	11/13/25 11:57	1

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

Lab Sample ID: MB 400-730445/2-A
Matrix: Solid
Analysis Batch: 730394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.00500	0.00136	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1

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

Lab Sample ID: MB 400-730445/2-A
Matrix: Solid
Analysis Batch: 730394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/13/25 11:20	11/13/25 11:57	1
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/13/25 11:20	11/13/25 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/13/25 11:20*	*11/13/25 11:57*	*1*
Dibromofluoromethane	*97*		*50 - 150*	*11/13/25 11:20*	*11/13/25 11:57*	*1*
Toluene-d8 (Surr)	*104*		*50 - 150*	*11/13/25 11:20*	*11/13/25 11:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*50 - 150*	*11/13/25 11:20*	*11/13/25 11:57*	*1*

Lab Sample ID: LCS 400-730445/1-A
Matrix: Solid
Analysis Batch: 730394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.1083		mg/Kg		54	48 - 150
Benzene	0.0500	0.04722		mg/Kg		94	65 - 130
Bromobenzene	0.0500	0.04990		mg/Kg		100	65 - 130
Bromoform	0.0500	0.04357		mg/Kg		87	52 - 136
Bromomethane	0.0500	0.05582		mg/Kg		112	12 - 150
2-Butanone (MEK)	0.200	0.1243		mg/Kg		62	55 - 130
Chlorobromomethane	0.0500	0.05242		mg/Kg		105	65 - 130
Carbon disulfide	0.0500	0.03482		mg/Kg		70	46 - 141
Carbon tetrachloride	0.0500	0.04915		mg/Kg		98	60 - 130
Chlorobenzene	0.0500	0.05097		mg/Kg		102	70 - 130
Chloroethane	0.0500	0.05980		mg/Kg		120	55 - 134
Chloroform	0.0500	0.04795		mg/Kg		96	62 - 130
Chloromethane	0.0500	0.06290		mg/Kg		126	49 - 136
2-Chlorotoluene	0.0500	0.04513		mg/Kg		90	67 - 130
4-Chlorotoluene	0.0500	0.04653		mg/Kg		93	66 - 130
Chlorodibromomethane	0.0500	0.05449		mg/Kg		109	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04944		mg/Kg		99	49 - 130
Dibromomethane	0.0500	0.04665		mg/Kg		93	65 - 130
1,2-Dichlorobenzene	0.0500	0.05706		mg/Kg		114	64 - 130
1,3-Dichlorobenzene	0.0500	0.05400		mg/Kg		108	66 - 130
Dichlorobromomethane	0.0500	0.04990		mg/Kg		100	61 - 130
1,4-Dichlorobenzene	0.0500	0.05351		mg/Kg		107	65 - 130
1,1-Dichloroethane	0.0500	0.04675		mg/Kg		94	59 - 130

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

Lab Sample ID: LCS 400-730445/1-A
Matrix: Solid
Analysis Batch: 730394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	0.0500	0.04915		mg/Kg		98	62 - 130
cis-1,2-Dichloroethene	0.0500	0.05516		mg/Kg		110	53 - 135
1,1-Dichloroethene	0.0500	0.04521		mg/Kg		90	55 - 137
1,2-Dichloropropane	0.0500	0.04921		mg/Kg		98	64 - 130
1,3-Dichloropropane	0.0500	0.05188		mg/Kg		104	67 - 130
2,2-Dichloropropane	0.0500	0.04759		mg/Kg		95	51 - 132
1,1-Dichloropropene	0.0500	0.04476		mg/Kg		90	65 - 130
Ethylene Dibromide	0.0500	0.04904		mg/Kg		98	67 - 130
cis-1,3-Dichloropropene	0.0500	0.04803		mg/Kg		96	61 - 130
Ethylbenzene	0.0500	0.05035		mg/Kg		101	70 - 130
Hexachlorobutadiene	0.0500	0.07139	*+	mg/Kg		143	62 - 133
2-Hexanone	0.200	0.1502		mg/Kg		75	57 - 131
Iodomethane	0.0500	0.03672		mg/Kg		73	12 - 150
Isopropylbenzene	0.0500	0.05052		mg/Kg		101	70 - 130
4-Isopropyltoluene	0.0500	0.04823		mg/Kg		96	68 - 130
Methylene Chloride	0.0500	0.05341		mg/Kg		107	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1677		mg/Kg		84	58 - 130
Methyl tert-butyl ether	0.0500	0.05786		mg/Kg		116	63 - 130
Naphthalene	0.0500	0.04555		mg/Kg		91	45 - 144
n-Butylbenzene	0.0500	0.04680		mg/Kg		94	66 - 130
N-Propylbenzene	0.0500	0.04728		mg/Kg		95	67 - 130
sec-Butylbenzene	0.0500	0.04787		mg/Kg		96	67 - 130
Styrene	0.0500	0.04972		mg/Kg		99	68 - 130
tert-Butylbenzene	0.0500	0.04755		mg/Kg		95	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05394		mg/Kg		108	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04167		mg/Kg		83	60 - 131
Tetrachloroethene	0.0500	0.05009		mg/Kg		100	67 - 130
Toluene	0.0500	0.05112		mg/Kg		102	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04036		mg/Kg		81	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04601		mg/Kg		92	58 - 134
trans-1,3-Dichloropropene	0.0500	0.05269		mg/Kg		105	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.06671		mg/Kg		133	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.06172		mg/Kg		123	56 - 138
1,1,1-Trichloroethane	0.0500	0.04867		mg/Kg		97	63 - 130
1,1,2-Trichloroethane	0.0500	0.05157		mg/Kg		103	65 - 130
o-Xylene	0.0500	0.05024		mg/Kg		100	70 - 130
Trichloroethene	0.0500	0.04999		mg/Kg		100	65 - 130
m-Xylene & p-Xylene	0.0500	0.04870		mg/Kg		97	70 - 130
Trichlorofluoromethane	0.0500	0.05111		mg/Kg		102	61 - 136
1,2,3-Trichloropropane	0.0500	0.04434		mg/Kg		89	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.06141		mg/Kg		123	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04607		mg/Kg		92	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04593		mg/Kg		92	67 - 130
Isopropyl ether	0.0500	0.04819		mg/Kg		96	62 - 130
Hexane	0.0500	0.03810		mg/Kg		76	57 - 132
Vinyl acetate	0.100	0.1025		mg/Kg		103	24 - 150
n-Heptane	0.0500	0.04162		mg/Kg		83	61 - 130
Vinyl chloride	0.0500	0.04724		mg/Kg		94	52 - 132

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

Lab Sample ID: LCS 400-730445/1-A
Matrix: Solid
Analysis Batch: 730394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	0.100	0.09344		mg/Kg		93	21 - 150
Xylenes, Total	0.100	0.09894		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*50 - 150*
Dibromofluoromethane	*97*		*50 - 150*
Toluene-d8 (Surr)	*104*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*95*		*50 - 150*

Lab Sample ID: MB 400-730995/2-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chloroform	ND		0.00500	0.00136	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/18/25 10:25	11/18/25 11:43	1

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

Lab Sample ID: MB 400-730995/2-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/18/25 10:25	11/18/25 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*
Dibromofluoromethane	*99*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*
Toluene-d8 (Surr)	*106*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*

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

Lab Sample ID: LCS 400-730995/1-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2968		mg/Kg		148	48 - 150
Benzene	0.0500	0.04638		mg/Kg		93	65 - 130
Bromobenzene	0.0500	0.04458		mg/Kg		89	65 - 130
Bromoform	0.0500	0.04064		mg/Kg		81	52 - 136
Bromomethane	0.0500	0.04302		mg/Kg		86	12 - 150
2-Butanone (MEK)	0.200	0.2329		mg/Kg		116	55 - 130
Chlorobromomethane	0.0500	0.04951		mg/Kg		99	65 - 130
Carbon disulfide	0.0500	0.04157		mg/Kg		83	46 - 141
Carbon tetrachloride	0.0500	0.04737		mg/Kg		95	60 - 130
Chlorobenzene	0.0500	0.04846		mg/Kg		97	70 - 130
Chloroethane	0.0500	0.03695		mg/Kg		74	55 - 134
Chloroform	0.0500	0.04510		mg/Kg		90	62 - 130
Chloromethane	0.0500	0.05300		mg/Kg		106	49 - 136
2-Chlorotoluene	0.0500	0.04177		mg/Kg		84	67 - 130
4-Chlorotoluene	0.0500	0.04238		mg/Kg		85	66 - 130
Chlorodibromomethane	0.0500	0.05230		mg/Kg		105	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.05056		mg/Kg		101	49 - 130
Dibromomethane	0.0500	0.04500		mg/Kg		90	65 - 130
1,2-Dichlorobenzene	0.0500	0.05212		mg/Kg		104	64 - 130
1,3-Dichlorobenzene	0.0500	0.04840		mg/Kg		97	66 - 130
Dichlorobromomethane	0.0500	0.04679		mg/Kg		94	61 - 130
1,4-Dichlorobenzene	0.0500	0.04907		mg/Kg		98	65 - 130
1,1-Dichloroethane	0.0500	0.04460		mg/Kg		89	59 - 130
1,2-Dichloroethane	0.0500	0.04761		mg/Kg		95	62 - 130
cis-1,2-Dichloroethene	0.0500	0.05177		mg/Kg		104	53 - 135
1,1-Dichloroethene	0.0500	0.04720		mg/Kg		94	55 - 137
1,2-Dichloropropane	0.0500	0.04797		mg/Kg		96	64 - 130
1,3-Dichloropropane	0.0500	0.05162		mg/Kg		103	67 - 130
2,2-Dichloropropane	0.0500	0.04577		mg/Kg		92	51 - 132
1,1-Dichloropropene	0.0500	0.04635		mg/Kg		93	65 - 130
Ethylene Dibromide	0.0500	0.04987		mg/Kg		100	67 - 130
cis-1,3-Dichloropropene	0.0500	0.04610		mg/Kg		92	61 - 130
Ethylbenzene	0.0500	0.04743		mg/Kg		95	70 - 130
Hexachlorobutadiene	0.0500	0.06355		mg/Kg		127	62 - 133
2-Hexanone	0.200	0.2330		mg/Kg		116	57 - 131
Iodomethane	0.0500	0.02903		mg/Kg		58	12 - 150
Isopropylbenzene	0.0500	0.04579		mg/Kg		92	70 - 130
4-Isopropyltoluene	0.0500	0.04407		mg/Kg		88	68 - 130
Methylene Chloride	0.0500	0.03851		mg/Kg		77	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1811		mg/Kg		91	58 - 130
Methyl tert-butyl ether	0.0500	0.05759		mg/Kg		115	63 - 130
Naphthalene	0.0500	0.04173		mg/Kg		83	45 - 144
n-Butylbenzene	0.0500	0.04349		mg/Kg		87	66 - 130
N-Propylbenzene	0.0500	0.04259		mg/Kg		85	67 - 130
sec-Butylbenzene	0.0500	0.04285		mg/Kg		86	67 - 130
Styrene	0.0500	0.04523		mg/Kg		90	68 - 130
tert-Butylbenzene	0.0500	0.04269		mg/Kg		85	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04965		mg/Kg		99	65 - 130

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

Lab Sample ID: LCS 400-730995/1-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	0.0500	0.04201		mg/Kg		84	60 - 131
Tetrachloroethene	0.0500	0.05244		mg/Kg		105	67 - 130
Toluene	0.0500	0.05053		mg/Kg		101	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04187		mg/Kg		84	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04754		mg/Kg		95	58 - 134
trans-1,3-Dichloropropene	0.0500	0.05165		mg/Kg		103	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.06098		mg/Kg		122	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05450		mg/Kg		109	56 - 138
1,1,1-Trichloroethane	0.0500	0.04700		mg/Kg		94	63 - 130
1,1,2-Trichloroethane	0.0500	0.05190		mg/Kg		104	65 - 130
o-Xylene	0.0500	0.04663		mg/Kg		93	70 - 130
Trichloroethene	0.0500	0.04991		mg/Kg		100	65 - 130
m-Xylene & p-Xylene	0.0500	0.04630		mg/Kg		93	70 - 130
Trichlorofluoromethane	0.0500	0.04489		mg/Kg		90	61 - 136
1,2,3-Trichloropropane	0.0500	0.04325		mg/Kg		87	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.06714		mg/Kg		134	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04179		mg/Kg		84	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04199		mg/Kg		84	67 - 130
Isopropyl ether	0.0500	0.05536		mg/Kg		111	62 - 130
Hexane	0.0500	0.04687		mg/Kg		94	57 - 132
Vinyl acetate	0.100	0.09393		mg/Kg		94	24 - 150
n-Heptane	0.0500	0.04030		mg/Kg		81	61 - 130
Vinyl chloride	0.0500	0.03831		mg/Kg		77	52 - 132
Ethyl acetate	0.100	0.09856		mg/Kg		99	21 - 150
Xylenes, Total	0.100	0.09293		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*50 - 150*
Dibromofluoromethane	*98*		*50 - 150*
Toluene-d8 (Surr)	*107*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*97*		*50 - 150*

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

Lab Sample ID: MB 400-729893/1-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1

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

Lab Sample ID: MB 400-729893/1-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Acetophenone	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Atrazine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Caprolactam	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Carbazole	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Chrysene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Fluorene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Isophorone	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Naphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1

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

Lab Sample ID: MB 400-729893/1-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Phenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
2-Fluorobiphenyl (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
2-Fluorophenol (Surr)	*123*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
Nitrobenzene-d5 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
Phenol-d5 (Surr)	*123*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
Terphenyl-d14 (Surr)	*128*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*

Lab Sample ID: LCS 400-729893/2-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.492		mg/Kg		99	19 - 126
2,4,5-Trichlorophenol	1.50	1.980		mg/Kg		132	10 - 150
2,4,6-Trichlorophenol	1.50	1.659		mg/Kg		111	10 - 150
2,4-Dichlorophenol	1.50	1.671		mg/Kg		111	10 - 150
2,4-Dimethylphenol	1.50	0.7464		mg/Kg		50	10 - 141
2,4-Dinitrophenol	3.00	2.768		mg/Kg		92	10 - 150
2,4-Dinitrotoluene	1.50	1.566		mg/Kg		104	31 - 136
2,6-Dinitrotoluene	1.50	1.547		mg/Kg		103	31 - 137
2-Chloronaphthalene	1.50	1.578		mg/Kg		105	20 - 126
2-Chlorophenol	1.50	1.958		mg/Kg		131	10 - 150
2-Methylnaphthalene	1.50	1.530		mg/Kg		102	20 - 150
2-Methylphenol	1.50	1.803		mg/Kg		120	18 - 126
2-Nitroaniline	1.50	1.621		mg/Kg		108	30 - 150
2-Nitrophenol	1.50	1.544		mg/Kg		103	19 - 150
3 & 4 Methylphenol	1.50	1.864		mg/Kg		124	10 - 150
3,3'-Dichlorobenzidine	3.00	2.645		mg/Kg		88	10 - 124
3-Nitroaniline	1.50	1.490		mg/Kg		99	10 - 148
4,6-Dinitro-2-methylphenol	3.00	2.938		mg/Kg		98	15 - 150
4-Bromophenyl phenyl ether	1.50	1.605		mg/Kg		107	21 - 129
4-Chloro-3-methylphenol	1.50	1.663		mg/Kg		111	16 - 150
4-Chloroaniline	1.50	1.220		mg/Kg		81	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.491		mg/Kg		99	21 - 124
4-Nitroaniline	1.50	1.656		mg/Kg		110	21 - 146
4-Nitrophenol	3.00	3.047		mg/Kg		102	10 - 150
Acenaphthene	1.50	1.573		mg/Kg		105	21 - 150
Acenaphthylene	1.50	1.626		mg/Kg		108	22 - 150
Acetophenone	1.50	1.853		mg/Kg		124	15 - 128

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

Lab Sample ID: LCS 400-729893/2-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	1.50	1.769		mg/Kg		118	28 - 150
Atrazine	1.50	1.869		mg/Kg		125	10 - 150
Benzaldehyde	1.50	1.653		mg/Kg		110	10 - 150
Benzo[a]anthracene	1.50	1.694		mg/Kg		113	32 - 150
Benzo[a]pyrene	1.50	1.659		mg/Kg		111	24 - 150
Benzo[b]fluoranthene	1.50	1.617		mg/Kg		108	17 - 150
Benzo[g,h,i]perylene	1.50	1.595		mg/Kg		106	25 - 150
Benzo[k]fluoranthene	1.50	1.675		mg/Kg		112	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.881		mg/Kg		125	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.519		mg/Kg		101	16 - 132
Bis(2-chloroethyl)ether	1.50	1.734		mg/Kg		116	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.653		mg/Kg		110	12 - 150
Butyl benzyl phthalate	1.50	1.787		mg/Kg		119	24 - 150
Caprolactam	1.50	1.859		mg/Kg		124	10 - 150
Carbazole	1.50	1.824		mg/Kg		122	16 - 150
Chrysene	1.50	1.596		mg/Kg		106	31 - 150
Dibenz(a,h)anthracene	1.50	1.617		mg/Kg		108	26 - 150
Dibenzofuran	1.50	1.698		mg/Kg		113	27 - 123
Diethyl phthalate	1.50	1.503		mg/Kg		100	20 - 150
Dimethyl phthalate	1.50	1.592		mg/Kg		106	21 - 140
Di-n-butyl phthalate	1.50	1.602		mg/Kg		107	10 - 150
Di-n-octyl phthalate	1.50	1.736		mg/Kg		116	23 - 150
Fluoranthene	1.50	1.654		mg/Kg		110	27 - 150
Fluorene	1.50	1.676		mg/Kg		112	21 - 150
Hexachlorobenzene	1.50	1.541		mg/Kg		103	23 - 121
Hexachlorobutadiene	1.50	1.448		mg/Kg		97	15 - 120
Hexachlorocyclopentadiene	1.50	1.379		mg/Kg		92	14 - 132
Hexachloroethane	1.50	1.696		mg/Kg		113	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.596		mg/Kg		106	33 - 150
Isophorone	1.50	1.817		mg/Kg		121	22 - 129
Naphthalene	1.50	1.675		mg/Kg		112	17 - 150
Nitrobenzene	1.50	1.694		mg/Kg		113	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.784		mg/Kg		119	23 - 128
N-Nitrosodiphenylamine	1.49	1.750		mg/Kg		118	21 - 137
Pentachlorophenol	3.00	3.711		mg/Kg		124	10 - 150
Phenanthrene	1.50	1.709		mg/Kg		114	24 - 150
Phenol	1.50	1.670		mg/Kg		111	10 - 150
Pyrene	1.50	1.658		mg/Kg		111	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*126*		*40 - 140*
2-Fluorobiphenyl (Surr)	*113*		*40 - 140*
2-Fluorophenol (Surr)	*121*		*40 - 140*
Nitrobenzene-d5 (Surr)	*118*		*40 - 140*
Phenol-d5 (Surr)	*114*		*40 - 140*
Terphenyl-d14 (Surr)	*117*		*40 - 140*

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

Lab Sample ID: MB 400-729961/1-A
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		11/10/25 13:12	11/12/25 16:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*11/10/25 13:12*	*11/12/25 16:14*	*1*

Lab Sample ID: LCS 400-729961/2-A
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729961

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2633		mg/Kg		99	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*63*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-94806/1-A
Matrix: Solid
Analysis Batch: 94997

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			11/13/25 11:42	1

Lab Sample ID: LCS 705-94806/2-A
Matrix: Solid
Analysis Batch: 94997

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	52.09		mg/Kg		104	90 - 110		

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 94997

Client Sample ID: SED-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	3.00	J	74.3	76.01		mg/Kg	☼	98	80 - 120		

Lab Sample ID: 752-38989-1 MSD
Matrix: Solid
Analysis Batch: 94997

Client Sample ID: SED-8
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	3.00	J	74.3	77.14		mg/Kg	☼	100	80 - 120	1	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-94806/1-A
Matrix: Solid
Analysis Batch: 94998

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			11/13/25 11:42	1

Lab Sample ID: LCS 705-94806/2-A
Matrix: Solid
Analysis Batch: 94998

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			250	248.7		mg/Kg		99	90 - 110		

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 94998

Client Sample ID: SED-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	17.6		371	383.1		mg/Kg	☼	98	80 - 120		

Lab Sample ID: 752-38989-1 MSD
Matrix: Solid
Analysis Batch: 94998

Client Sample ID: SED-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	17.6		371	376.6		mg/Kg	☼	97	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186867/3-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.400	0.0210	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Arsenic	0.08888	J	0.200	0.0350	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Barium	ND		0.400	0.0330	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Beryllium	ND		0.200	0.0230	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Cadmium	ND		0.200	0.109	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Chromium	ND		0.200	0.0950	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Cobalt	ND		0.200	0.0160	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Copper	ND		0.200	0.0610	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Lead	ND		0.200	0.0160	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Manganese	ND		1.00	0.646	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Nickel	ND		0.200	0.0750	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Selenium	ND		0.400	0.0330	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Silver	ND		0.100	0.0470	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Thallium	ND		0.200	0.00800	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Vanadium	ND		0.200	0.0620	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Zinc	ND		2.00	1.54	mg/Kg		11/11/25 09:24	11/11/25 19:11	1

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

Lab Sample ID: LCS 670-186867/1-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.34		mg/Kg		103	80 - 120
Arsenic	10.0	9.652		mg/Kg		97	80 - 120
Barium	10.0	9.935		mg/Kg		99	80 - 120
Beryllium	10.0	9.753		mg/Kg		98	80 - 120
Cadmium	10.0	10.05		mg/Kg		101	80 - 120
Chromium	10.0	9.854		mg/Kg		99	80 - 120
Cobalt	10.0	9.490		mg/Kg		95	80 - 120
Copper	10.0	9.343		mg/Kg		93	80 - 120
Lead	10.0	9.827		mg/Kg		98	80 - 120
Manganese	110	111.6		mg/Kg		101	80 - 120
Nickel	10.0	9.595		mg/Kg		96	80 - 120
Selenium	10.0	9.801		mg/Kg		98	80 - 120
Silver	10.0	9.912		mg/Kg		99	80 - 120
Thallium	10.0	10.11		mg/Kg		101	80 - 120
Vanadium	10.0	9.923		mg/Kg		99	80 - 120
Zinc	10.0	10.02		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 670-186867/2-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	10.0	10.36		mg/Kg		104	80 - 120	0	20
Arsenic	10.0	9.757		mg/Kg		98	80 - 120	1	20
Barium	10.0	10.08		mg/Kg		101	80 - 120	1	20
Beryllium	10.0	9.631		mg/Kg		96	80 - 120	1	20
Cadmium	10.0	10.18		mg/Kg		102	80 - 120	1	20
Chromium	10.0	9.884		mg/Kg		99	80 - 120	0	20
Cobalt	10.0	9.572		mg/Kg		96	80 - 120	1	20
Copper	10.0	9.528		mg/Kg		95	80 - 120	2	20
Lead	10.0	9.821		mg/Kg		98	80 - 120	0	20
Manganese	110	111.4		mg/Kg		101	80 - 120	0	20
Nickel	10.0	9.649		mg/Kg		96	80 - 120	1	20
Selenium	10.0	9.850		mg/Kg		99	80 - 120	1	20
Silver	10.0	10.04		mg/Kg		100	80 - 120	1	20
Thallium	10.0	10.20		mg/Kg		102	80 - 120	1	20
Vanadium	10.0	9.883		mg/Kg		99	80 - 120	0	20
Zinc	10.0	10.03		mg/Kg		100	80 - 120	0	20

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	14.9	5.020	F1	mg/Kg	☼	34	75 - 125
Arsenic	1.68	B	14.9	15.09		mg/Kg	☼	90	75 - 125
Barium	73.7		14.9	57.84	4	mg/Kg	☼	-106	75 - 125
Beryllium	0.313	J	14.9	14.65		mg/Kg	☼	96	75 - 125
Cadmium	ND		14.9	15.47		mg/Kg	☼	104	75 - 125

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

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	6.90		14.9	23.87		mg/Kg	☼	114	75 - 125
Cobalt	4.21		14.9	18.23		mg/Kg	☼	94	75 - 125
Copper	29.0	F1	14.9	36.24	F1	mg/Kg	☼	49	75 - 125
Lead	43.2	F1	14.9	52.33	F1	mg/Kg	☼	61	75 - 125
Manganese	223		164	354.1		mg/Kg	☼	80	75 - 125
Nickel	9.67		14.9	23.79		mg/Kg	☼	95	75 - 125
Selenium	0.547	J	14.9	13.33		mg/Kg	☼	86	75 - 125
Silver	0.500	J	14.9	14.85		mg/Kg	☼	97	75 - 125
Thallium	ND		14.9	14.63		mg/Kg	☼	98	75 - 125
Vanadium	10.8		14.9	26.07		mg/Kg	☼	103	75 - 125
Zinc	153		14.9	138.1	4	mg/Kg	☼	-101	75 - 125

Lab Sample ID: 752-38989-1 MSD
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	14.9	4.956	F1	mg/Kg	☼	33	75 - 125	1	20
Arsenic	1.68	B	14.9	15.12		mg/Kg	☼	90	75 - 125	0	20
Barium	73.7		14.9	57.85	4	mg/Kg	☼	-106	75 - 125	0	20
Beryllium	0.313	J	14.9	14.87		mg/Kg	☼	98	75 - 125	2	20
Cadmium	ND		14.9	15.47		mg/Kg	☼	104	75 - 125	0	20
Chromium	6.90		14.9	24.19		mg/Kg	☼	116	75 - 125	1	20
Cobalt	4.21		14.9	18.31		mg/Kg	☼	95	75 - 125	0	20
Copper	29.0	F1	14.9	35.78	F1	mg/Kg	☼	45	75 - 125	1	20
Lead	43.2	F1	14.9	52.37	F1	mg/Kg	☼	62	75 - 125	0	20
Manganese	223		164	359.2		mg/Kg	☼	83	75 - 125	1	20
Nickel	9.67		14.9	23.90		mg/Kg	☼	96	75 - 125	0	20
Selenium	0.547	J	14.9	14.00		mg/Kg	☼	90	75 - 125	5	20
Silver	0.500	J	14.9	14.74		mg/Kg	☼	96	75 - 125	1	20
Thallium	ND		14.9	14.55		mg/Kg	☼	98	75 - 125	1	20
Vanadium	10.8		14.9	26.39		mg/Kg	☼	105	75 - 125	1	20
Zinc	153		14.9	138.8	4	mg/Kg	☼	-97	75 - 125	0	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 670-186907/13-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0400	0.0200	mg/Kg		11/11/25 10:31	11/12/25 11:22	1

Lab Sample ID: LCS 670-186907/11-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.4144		mg/Kg		104	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 670-186907/12-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186907

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.400	0.4088		mg/Kg		102	80 - 120	1	20

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 186907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	F1	0.585	0.4530	F1	mg/Kg	☼	77	80 - 120

Lab Sample ID: 752-38989-1 MSD
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 186907

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	F1	0.585	0.4085	F1	mg/Kg	☼	70	80 - 120	10	20

Lab Sample ID: MB 670-187166/13-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0400	0.0200	mg/Kg		11/12/25 08:45	11/12/25 13:38	1

Lab Sample ID: LCS 670-187166/11-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187166

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.400	0.4312		mg/Kg		108	80 - 120

Lab Sample ID: LCSD 670-187166/12-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 187166

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.400	0.4256		mg/Kg		106	80 - 120	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-731457/20
Matrix: Solid
Analysis Batch: 731457

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	0.07100		mg/L		142	50 - 150

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 400-730855/1-A
Matrix: Solid
Analysis Batch: 731457

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		0.975	0.312	mg/Kg			11/21/25 15:52	1

Lab Sample ID: LCS 400-730855/2-A
Matrix: Solid
Analysis Batch: 731457

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	60.94		mg/Kg		102	90 - 110

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 731457

Client Sample ID: SED-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.68	F1	21.5	16.68	F1	mg/Kg	☼	70	90 - 110

Lab Sample ID: 752-38989-1 MSD
Matrix: Solid
Analysis Batch: 731457

Client Sample ID: SED-8
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)	1.68	F1	21.5	17.58	F1	mg/Kg	☼	74	90 - 110	5	11

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-730080/1-A
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730080

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		11/11/25 10:26	11/17/25 20:28	1

Lab Sample ID: LCS 400-730080/2-A
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730080

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.00	1.833		mg/Kg		92	85 - 115

Lab Sample ID: 752-38989-1 MS
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 730080

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.435	J F1	433	837.6	F1	mg/Kg	☼	193	75 - 125

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: 752-38989-1 MSD
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 730080

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.435	J F1	449	748.6	F1	mg/Kg	☼	166	75 - 125	11	15

Lab Sample ID: 752-38989-2 MS
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: SED-7
Prep Type: Total/NA
Prep Batch: 730080

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.747	J	2.39	3.359	J	mg/Kg	☼	109	75 - 125

Lab Sample ID: 752-38989-2 MSD
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: SED-7
Prep Type: Total/NA
Prep Batch: 730080

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.747	J	2.36	3.229	J	mg/Kg	☼	105	75 - 125	4	15

GC/MS VOA

Analysis Batch: 730038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-10	Trip Blank 1	Total/NA	Water	8260D	
752-38989-11	Trip Blank 2	Total/NA	Water	8260D	
MB 400-730038/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730038/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 730235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	8260D	730284
752-38989-2	SED-7	Total/NA	Solid	8260D	730284
752-38989-3	SED-6	Total/NA	Solid	8260D	730284
752-38989-4	SED-5	Total/NA	Solid	8260D	730284
752-38989-5	SED-Dup	Total/NA	Solid	8260D	730284
752-38989-6	SED-4	Total/NA	Solid	8260D	730284
MB 400-730284/16-A	Method Blank	Total/NA	Solid	8260D	730284
LCS 400-730284/17-A	Lab Control Sample	Total/NA	Solid	8260D	730284
LCSD 400-730284/18-A	Lab Control Sample Dup	Total/NA	Solid	8260D	730284

Prep Batch: 730284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	5035	
752-38989-2	SED-7	Total/NA	Solid	5035	
752-38989-3	SED-6	Total/NA	Solid	5035	
752-38989-4	SED-5	Total/NA	Solid	5035	
752-38989-5	SED-Dup	Total/NA	Solid	5035	
752-38989-6	SED-4	Total/NA	Solid	5035	
MB 400-730284/16-A	Method Blank	Total/NA	Solid	5035	
LCS 400-730284/17-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-730284/18-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 730394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-7	SED-3	Total/NA	Solid	8260D	730445
MB 400-730445/2-A	Method Blank	Total/NA	Solid	8260D	730445
LCS 400-730445/1-A	Lab Control Sample	Total/NA	Solid	8260D	730445

Prep Batch: 730445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-7	SED-3	Total/NA	Solid	5035	
MB 400-730445/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-730445/1-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 730934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-8	SED-2	Total/NA	Solid	8260D	730995
752-38989-9	SED-1	Total/NA	Solid	8260D	730995
MB 400-730995/2-A	Method Blank	Total/NA	Solid	8260D	730995
LCS 400-730995/1-A	Lab Control Sample	Total/NA	Solid	8260D	730995

Prep Batch: 730995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-8	SED-2	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 730995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-9	SED-1	Total/NA	Solid	5035	
MB 400-730995/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-730995/1-A	Lab Control Sample	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 729893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	3546	
752-38989-2	SED-7	Total/NA	Solid	3546	
752-38989-3	SED-6	Total/NA	Solid	3546	
752-38989-4	SED-5	Total/NA	Solid	3546	
752-38989-5	SED-Dup	Total/NA	Solid	3546	
752-38989-6	SED-4	Total/NA	Solid	3546	
752-38989-7	SED-3	Total/NA	Solid	3546	
752-38989-8	SED-2	Total/NA	Solid	3546	
752-38989-9	SED-1	Total/NA	Solid	3546	
MB 400-729893/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729893/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 729898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	8270E	729893
752-38989-2	SED-7	Total/NA	Solid	8270E	729893
752-38989-3	SED-6	Total/NA	Solid	8270E	729893
MB 400-729893/1-A	Method Blank	Total/NA	Solid	8270E	729893
LCS 400-729893/2-A	Lab Control Sample	Total/NA	Solid	8270E	729893

Prep Batch: 729961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	3546	
752-38989-2	SED-7	Total/NA	Solid	3546	
752-38989-3	SED-6	Total/NA	Solid	3546	
752-38989-4	SED-5	Total/NA	Solid	3546	
752-38989-5	SED-Dup	Total/NA	Solid	3546	
752-38989-6	SED-4	Total/NA	Solid	3546	
752-38989-7	SED-3	Total/NA	Solid	3546	
752-38989-8	SED-2	Total/NA	Solid	3546	
752-38989-9	SED-1	Total/NA	Solid	3546	
MB 400-729961/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729961/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 730063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-4	SED-5	Total/NA	Solid	8270E	729893
752-38989-5	SED-Dup	Total/NA	Solid	8270E	729893
752-38989-6	SED-4	Total/NA	Solid	8270E	729893
752-38989-7	SED-3	Total/NA	Solid	8270E	729893
752-38989-8	SED-2	Total/NA	Solid	8270E	729893
752-38989-9	SED-1	Total/NA	Solid	8270E	729893

GC/MS Semi VOA

Analysis Batch: 730071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	8270E	729893
752-38989-3	SED-6	Total/NA	Solid	8270E	729893

Analysis Batch: 730301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	8270E SIM ID	729961
752-38989-2	SED-7	Total/NA	Solid	8270E SIM ID	729961
752-38989-3	SED-6	Total/NA	Solid	8270E SIM ID	729961
752-38989-4	SED-5	Total/NA	Solid	8270E SIM ID	729961
752-38989-5	SED-Dup	Total/NA	Solid	8270E SIM ID	729961
752-38989-6	SED-4	Total/NA	Solid	8270E SIM ID	729961
752-38989-7	SED-3	Total/NA	Solid	8270E SIM ID	729961
752-38989-8	SED-2	Total/NA	Solid	8270E SIM ID	729961
752-38989-9	SED-1	Total/NA	Solid	8270E SIM ID	729961
MB 400-729961/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	729961
LCS 400-729961/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	729961

HPLC/IC

Leach Batch: 94806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Soluble	Solid	DI Leach	
752-38989-2	SED-7	Soluble	Solid	DI Leach	
752-38989-3	SED-6	Soluble	Solid	DI Leach	
752-38989-4	SED-5	Soluble	Solid	DI Leach	
752-38989-5	SED-Dup	Soluble	Solid	DI Leach	
752-38989-6	SED-4	Soluble	Solid	DI Leach	
752-38989-7	SED-3	Soluble	Solid	DI Leach	
752-38989-8	SED-2	Soluble	Solid	DI Leach	
752-38989-9	SED-1	Soluble	Solid	DI Leach	
MB 705-94806/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-94806/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-38989-1 MS	SED-8	Soluble	Solid	DI Leach	
752-38989-1 MSD	SED-8	Soluble	Solid	DI Leach	

Analysis Batch: 94997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Soluble	Solid	9056A	94806
752-38989-2	SED-7	Soluble	Solid	9056A	94806
752-38989-3	SED-6	Soluble	Solid	9056A	94806
752-38989-4	SED-5	Soluble	Solid	9056A	94806
752-38989-5	SED-Dup	Soluble	Solid	9056A	94806
752-38989-6	SED-4	Soluble	Solid	9056A	94806
752-38989-7	SED-3	Soluble	Solid	9056A	94806
752-38989-8	SED-2	Soluble	Solid	9056A	94806
752-38989-9	SED-1	Soluble	Solid	9056A	94806
MB 705-94806/1-A	Method Blank	Soluble	Solid	9056A	94806
LCS 705-94806/2-A	Lab Control Sample	Soluble	Solid	9056A	94806
752-38989-1 MS	SED-8	Soluble	Solid	9056A	94806
752-38989-1 MSD	SED-8	Soluble	Solid	9056A	94806

HPLC/IC

Analysis Batch: 94998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Soluble	Solid	9056A	94806
752-38989-2	SED-7	Soluble	Solid	9056A	94806
752-38989-3	SED-6	Soluble	Solid	9056A	94806
752-38989-4	SED-5	Soluble	Solid	9056A	94806
752-38989-5	SED-Dup	Soluble	Solid	9056A	94806
752-38989-6	SED-4	Soluble	Solid	9056A	94806
752-38989-7	SED-3	Soluble	Solid	9056A	94806
752-38989-8	SED-2	Soluble	Solid	9056A	94806
752-38989-9	SED-1	Soluble	Solid	9056A	94806
MB 705-94806/1-A	Method Blank	Soluble	Solid	9056A	94806
LCS 705-94806/2-A	Lab Control Sample	Soluble	Solid	9056A	94806
752-38989-1 MS	SED-8	Soluble	Solid	9056A	94806
752-38989-1 MSD	SED-8	Soluble	Solid	9056A	94806

Metals

Prep Batch: 186867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	3051A	
752-38989-2	SED-7	Total/NA	Solid	3051A	
752-38989-3	SED-6	Total/NA	Solid	3051A	
752-38989-4	SED-5	Total/NA	Solid	3051A	
752-38989-5	SED-Dup	Total/NA	Solid	3051A	
752-38989-6	SED-4	Total/NA	Solid	3051A	
752-38989-7	SED-3	Total/NA	Solid	3051A	
752-38989-8	SED-2	Total/NA	Solid	3051A	
752-38989-9	SED-1	Total/NA	Solid	3051A	
MB 670-186867/3-A	Method Blank	Total/NA	Solid	3051A	
LCS 670-186867/1-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 670-186867/2-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
752-38989-1 MS	SED-8	Total/NA	Solid	3051A	
752-38989-1 MSD	SED-8	Total/NA	Solid	3051A	

Prep Batch: 186907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	7471B	
752-38989-2	SED-7	Total/NA	Solid	7471B	
752-38989-3	SED-6	Total/NA	Solid	7471B	
752-38989-4	SED-5	Total/NA	Solid	7471B	
MB 670-186907/13-A	Method Blank	Total/NA	Solid	7471B	
LCS 670-186907/11-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 670-186907/12-A	Lab Control Sample Dup	Total/NA	Solid	7471B	
752-38989-1 MS	SED-8	Total/NA	Solid	7471B	
752-38989-1 MSD	SED-8	Total/NA	Solid	7471B	

Prep Batch: 187166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-5	SED-Dup	Total/NA	Solid	7471B	
752-38989-6	SED-4	Total/NA	Solid	7471B	
752-38989-7	SED-3	Total/NA	Solid	7471B	
752-38989-8	SED-2	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 187166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-9	SED-1	Total/NA	Solid	7471B	
MB 670-187166/13-A	Method Blank	Total/NA	Solid	7471B	
LCS 670-187166/11-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 670-187166/12-A	Lab Control Sample Dup	Total/NA	Solid	7471B	

Analysis Batch: 187168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	6020B	186867
752-38989-2	SED-7	Total/NA	Solid	6020B	186867
752-38989-3	SED-6	Total/NA	Solid	6020B	186867
752-38989-4	SED-5	Total/NA	Solid	6020B	186867
752-38989-5	SED-Dup	Total/NA	Solid	6020B	186867
752-38989-6	SED-4	Total/NA	Solid	6020B	186867
752-38989-7	SED-3	Total/NA	Solid	6020B	186867
752-38989-8	SED-2	Total/NA	Solid	6020B	186867
752-38989-9	SED-1	Total/NA	Solid	6020B	186867
MB 670-186867/3-A	Method Blank	Total/NA	Solid	6020B	186867
LCS 670-186867/1-A	Lab Control Sample	Total/NA	Solid	6020B	186867
LCSD 670-186867/2-A	Lab Control Sample Dup	Total/NA	Solid	6020B	186867
752-38989-1 MS	SED-8	Total/NA	Solid	6020B	186867
752-38989-1 MSD	SED-8	Total/NA	Solid	6020B	186867

Analysis Batch: 187325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	7471B	186907
752-38989-2	SED-7	Total/NA	Solid	7471B	186907
752-38989-3	SED-6	Total/NA	Solid	7471B	186907
752-38989-4	SED-5	Total/NA	Solid	7471B	186907
752-38989-5	SED-Dup	Total/NA	Solid	7471B	187166
752-38989-6	SED-4	Total/NA	Solid	7471B	187166
752-38989-7	SED-3	Total/NA	Solid	7471B	187166
752-38989-8	SED-2	Total/NA	Solid	7471B	187166
752-38989-9	SED-1	Total/NA	Solid	7471B	187166
MB 670-186907/13-A	Method Blank	Total/NA	Solid	7471B	186907
MB 670-187166/13-A	Method Blank	Total/NA	Solid	7471B	187166
LCS 670-186907/11-A	Lab Control Sample	Total/NA	Solid	7471B	186907
LCS 670-187166/11-A	Lab Control Sample	Total/NA	Solid	7471B	187166
LCSD 670-186907/12-A	Lab Control Sample Dup	Total/NA	Solid	7471B	186907
LCSD 670-187166/12-A	Lab Control Sample Dup	Total/NA	Solid	7471B	187166
752-38989-1 MS	SED-8	Total/NA	Solid	7471B	186907
752-38989-1 MSD	SED-8	Total/NA	Solid	7471B	186907

General Chemistry

Prep Batch: 730080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	3060A	
752-38989-2	SED-7	Total/NA	Solid	3060A	
752-38989-3	SED-6	Total/NA	Solid	3060A	
752-38989-4	SED-5	Total/NA	Solid	3060A	
752-38989-5	SED-Dup	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 730080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-6	SED-4	Total/NA	Solid	3060A	
752-38989-7	SED-3	Total/NA	Solid	3060A	
752-38989-8	SED-2	Total/NA	Solid	3060A	
752-38989-9	SED-1	Total/NA	Solid	3060A	
MB 400-730080/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-730080/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-38989-1 MS	SED-8	Total/NA	Solid	3060A	
752-38989-1 MSD	SED-8	Total/NA	Solid	3060A	
752-38989-2 MS	SED-7	Total/NA	Solid	3060A	
752-38989-2 MSD	SED-7	Total/NA	Solid	3060A	

Analysis Batch: 730258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	Moisture	
752-38989-2	SED-7	Total/NA	Solid	Moisture	
752-38989-3	SED-6	Total/NA	Solid	Moisture	
752-38989-4	SED-5	Total/NA	Solid	Moisture	
752-38989-5	SED-Dup	Total/NA	Solid	Moisture	
752-38989-6	SED-4	Total/NA	Solid	Moisture	
752-38989-7	SED-3	Total/NA	Solid	Moisture	
752-38989-8	SED-2	Total/NA	Solid	Moisture	
752-38989-9	SED-1	Total/NA	Solid	Moisture	

Leach Batch: 730855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Soluble	Solid	DI Leach	
752-38989-2	SED-7	Soluble	Solid	DI Leach	
752-38989-3	SED-6	Soluble	Solid	DI Leach	
752-38989-4	SED-5	Soluble	Solid	DI Leach	
752-38989-5	SED-Dup	Soluble	Solid	DI Leach	
752-38989-6	SED-4	Soluble	Solid	DI Leach	
752-38989-7	SED-3	Soluble	Solid	DI Leach	
752-38989-8	SED-2	Soluble	Solid	DI Leach	
752-38989-9	SED-1	Soluble	Solid	DI Leach	
MB 400-730855/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-730855/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-38989-1 MS	SED-8	Soluble	Solid	DI Leach	
752-38989-1 MSD	SED-8	Soluble	Solid	DI Leach	

Analysis Batch: 730898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Total/NA	Solid	7199	730080
752-38989-2	SED-7	Total/NA	Solid	7199	730080
752-38989-3	SED-6	Total/NA	Solid	7199	730080
752-38989-4	SED-5	Total/NA	Solid	7199	730080
752-38989-5	SED-Dup	Total/NA	Solid	7199	730080
752-38989-6	SED-4	Total/NA	Solid	7199	730080
752-38989-7	SED-3	Total/NA	Solid	7199	730080
752-38989-8	SED-2	Total/NA	Solid	7199	730080
752-38989-9	SED-1	Total/NA	Solid	7199	730080
MB 400-730080/1-A	Method Blank	Total/NA	Solid	7199	730080

General Chemistry (Continued)

Analysis Batch: 730898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-730080/2-A	Lab Control Sample	Total/NA	Solid	7199	730080
752-38989-1 MS	SED-8	Total/NA	Solid	7199	730080
752-38989-1 MSD	SED-8	Total/NA	Solid	7199	730080
752-38989-2 MS	SED-7	Total/NA	Solid	7199	730080
752-38989-2 MSD	SED-7	Total/NA	Solid	7199	730080

Analysis Batch: 731457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38989-1	SED-8	Soluble	Solid	350.1	730855
752-38989-2	SED-7	Soluble	Solid	350.1	730855
752-38989-3	SED-6	Soluble	Solid	350.1	730855
752-38989-4	SED-5	Soluble	Solid	350.1	730855
752-38989-5	SED-Dup	Soluble	Solid	350.1	730855
752-38989-6	SED-4	Soluble	Solid	350.1	730855
752-38989-7	SED-3	Soluble	Solid	350.1	730855
752-38989-8	SED-2	Soluble	Solid	350.1	730855
752-38989-9	SED-1	Soluble	Solid	350.1	730855
MB 400-730855/1-A	Method Blank	Soluble	Solid	350.1	730855
LCS 400-730855/2-A	Lab Control Sample	Soluble	Solid	350.1	730855
MRL 400-731457/20	Lab Control Sample	Total/NA	Solid	350.1	
752-38989-1 MS	SED-8	Soluble	Solid	350.1	730855
752-38989-1 MSD	SED-8	Soluble	Solid	350.1	730855

Lab Chronicle

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

Job ID: 752-38989-1

Client Sample ID: SED-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-8
Date Collected: 11/06/25 10:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-1
Matrix: Solid
Percent Solids: 67.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730284	CAR	EET PEN	11/12/25 11:25
Total/NA	Analysis	8260D		1	730235	CAR	EET PEN	11/12/25 14:23
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 22:42
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730071	S1B	EET PEN	11/11/25 13:07
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 19:26
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 12:05
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 12:05
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:18
Total/NA	Prep	7471B			186907	CM	EET ORL	11/11/25 10:31
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 11:28
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 15:57
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 20:53

Client Sample ID: SED-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-7
Date Collected: 11/06/25 11:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-2
Matrix: Solid
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730284	CAR	EET PEN	11/12/25 11:25
Total/NA	Analysis	8260D		1	730235	CAR	EET PEN	11/12/25 14:50
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 23:12

Lab Chronicle

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

Job ID: 752-38989-1

Client Sample ID: SED-7

Lab Sample ID: 752-38989-2
Date Collected: 11/06/25 11:30
Matrix: Solid
Date Received: 11/06/25 16:45
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 19:48
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 12:39
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 12:39
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:23
Total/NA	Prep	7471B			186907	CM	EET ORL	11/11/25 10:31
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 11:29
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:05
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		5	730898	AR	EET PEN	11/17/25 21:31

Client Sample ID: SED-6

Lab Sample ID: 752-38989-3
Date Collected: 11/06/25 12:30
Matrix: Solid
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-6

Lab Sample ID: 752-38989-3
Date Collected: 11/06/25 12:30
Matrix: Solid
Date Received: 11/06/25 16:45
Percent Solids: 53.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730284	CAR	EET PEN	11/12/25 11:25
Total/NA	Analysis	8260D		1	730235	CAR	EET PEN	11/12/25 16:13
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 23:42
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730071	S1B	EET PEN	11/11/25 14:08
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 20:09
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 12:50
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 12:50
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:25
Total/NA	Prep	7471B			186907	CM	EET ORL	11/11/25 10:31
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 11:31
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:07

Lab Chronicle

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

Job ID: 752-38989-1

Client Sample ID: SED-6
Date Collected: 11/06/25 12:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-3
Matrix: Solid
Percent Solids: 53.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 22:09

Client Sample ID: SED-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-5
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-4
Matrix: Solid
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730284	CAR	EET PEN	11/12/25 11:25
Total/NA	Analysis	8260D		1	730235	CAR	EET PEN	11/12/25 16:41
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 14:14
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 20:30
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 13:01
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 13:01
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:28
Total/NA	Prep	7471B			186907	CM	EET ORL	11/11/25 10:31
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 11:32
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:10
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 22:22

Client Sample ID: SED-Dup
Date Collected: 11/06/25 13:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-Dup

Lab Sample ID: 752-38989-5

Date Collected: 11/06/25 13:00

Matrix: Solid

Date Received: 11/06/25 16:45

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730284	CAR	EET PEN	11/12/25 11:25
Total/NA	Analysis	8260D		1	730235	CAR	EET PEN	11/12/25 17:08
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 14:45
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 20:52
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 13:13
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 13:13
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:30
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 13:56
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:13
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 23:00

Client Sample ID: SED-4

Lab Sample ID: 752-38989-6

Date Collected: 11/06/25 13:30

Matrix: Solid

Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-4

Lab Sample ID: 752-38989-6

Date Collected: 11/06/25 13:30

Matrix: Solid

Date Received: 11/06/25 16:45

Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730284	CAR	EET PEN	11/12/25 11:25
Total/NA	Analysis	8260D		1	730235	CAR	EET PEN	11/12/25 17:36
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 15:15
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 21:13
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 13:24
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 13:24
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:35
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:00

Lab Chronicle

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

Job ID: 752-38989-1

Client Sample ID: SED-4
Date Collected: 11/06/25 13:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-6
Matrix: Solid
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:15
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 23:12

Client Sample ID: SED-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-3
Date Collected: 11/06/25 14:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-7
Matrix: Solid
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730445	BPO	EET PEN	11/13/25 11:20
Total/NA	Analysis	8260D		1	730394	BPO	EET PEN	11/13/25 20:34
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 15:45
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 21:34
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 14:09
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 14:09
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:37
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:01
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:18
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 23:25

Client Sample ID: SED-2
Date Collected: 11/06/25 14:30
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38989-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Lab Chronicle

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

Job ID: 752-38989-1

Client Sample ID: SED-2

Lab Sample ID: 752-38989-8
Date Collected: 11/06/25 14:30
Matrix: Solid
Date Received: 11/06/25 16:45
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 13:06
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 16:16
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 21:56
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 14:21
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 14:21
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:40
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:03
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:32
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 23:38

Client Sample ID: SED-1

Lab Sample ID: 752-38989-9
Date Collected: 11/06/25 15:00
Matrix: Solid
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730258	TMP	EET PEN	11/12/25 11:00

Client Sample ID: SED-1

Lab Sample ID: 752-38989-9
Date Collected: 11/06/25 15:00
Matrix: Solid
Date Received: 11/06/25 16:45
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 13:33
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 16:46
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 22:17
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 14:32
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 14:32
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:42
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:04

Lab Chronicle

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

Job ID: 752-38989-1

Client Sample ID: SED-1

Lab Sample ID: 752-38989-9
Date Collected: 11/06/25 15:00
Matrix: Solid
Date Received: 11/06/25 16:45
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:34
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/17/25 23:50

Client Sample ID: Trip Blank 1

Lab Sample ID: 752-38989-10
Date Collected: 11/06/25 00:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 17:51

Client Sample ID: Trip Blank 2

Lab Sample ID: 752-38989-11
Date Collected: 11/06/25 00:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 18:16

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177
EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38989-1
Project/Site: Waltown 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 Orlando

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	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
350.1		Solid	Ammonia (as N)
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5035	Solid	Hexane
8260D	5035	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: Waltown Park

Job ID: 752-38989-1

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
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ORL
7471B	Mercury (CVAA)	SW846	EET ORL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3051A	Preparation, Metals, Microwave Assisted	SW846	EET ORL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	SW846	EET ORL
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 ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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

Sample Summary

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

Job ID: 752-38989-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38989-1	SED-8	Solid	11/06/25 10:50	11/06/25 16:45	North Carolina
752-38989-2	SED-7	Solid	11/06/25 11:30	11/06/25 16:45	North Carolina
752-38989-3	SED-6	Solid	11/06/25 12:30	11/06/25 16:45	North Carolina
752-38989-4	SED-5	Solid	11/06/25 13:00	11/06/25 16:45	North Carolina
752-38989-5	SED-Dup	Solid	11/06/25 13:00	11/06/25 16:45	North Carolina
752-38989-6	SED-4	Solid	11/06/25 13:30	11/06/25 16:45	North Carolina
752-38989-7	SED-3	Solid	11/06/25 14:00	11/06/25 16:45	North Carolina
752-38989-8	SED-2	Solid	11/06/25 14:30	11/06/25 16:45	North Carolina
752-38989-9	SED-1	Solid	11/06/25 15:00	11/06/25 16:45	North Carolina
752-38989-10	Trip Blank 1	Water	11/06/25 00:00	11/06/25 16:45	North Carolina
752-38989-11	Trip Blank 2	Water	11/06/25 00:00	11/06/25 16:45	North Carolina

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Juan-Moon Olivella	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-167644-59299.1
Client Contact: Jerry Paul	Phone: (984) 303-9701	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):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630, Phase AA			
Email: jpaul@smeinc.com	WO #:			
Project Name: Walltown Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
D - HNO3
A - HCL

752-38989 COC

Other:

NCDEQ EQuIS EDDs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9056A_ORGFM_28D - Sulfate; 353.2 - Nitrite (48 hour HT)	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	6020B - PRLF 16 Metals, Including prep; 7470A - Mercury	8260D - VOC NC 02L List	8270E_SIM_MS_ID - 1,4-Dioxane	8270E_QQQ - SVOC TCL OLM4.2	Total Number of containers
			Preservation Code:				N	S	D	A	N	N	
SED-8	11/6/2025	1050	G	S	Y		X	X	X	X	X	X	9
SED-7		1130					X	X	X	X	X	X	
SED-6		1230					X	X	X	X	X	X	
SED-5		1300					X	X	X	X	X	X	
SED-Dup		1300					X	X	X	X	X	X	
SED-4		1330					X	X	X	X	X	X	
SED-3		1400					X	X	X	X	X	X	
SED-2		1430					X	X	X	X	X	X	
SED-1		1500					X	X	X	X	X	X	
Trip Blank 1													2
Trip Blank 2													

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11/6/25 1645	SME	[signature]	11/6/25 1645	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.0/3.8°C IR

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: 752-7190 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 #: 752-38989-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/11/2025			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: Walton Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035A_FPVOC NC 02L List	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060A	8260D/5030CVOC NC 02L List	Total Number of Containers	Special Instructions/Note:
			Preservation Code:												
SED-8 (752-38989-1)	11/6/25	10 50 Eastern	G	Solid			X	X	X	X	X	X			
SED-7 (752-38989-2)	11/6/25	11 30 Eastern	G	Solid			X	X	X	X	X	X			
SED-6 (752-38989-3)	11/6/25	12 30 Eastern	G	Solid			X	X	X	X	X	X			
SED-5 (752-38989-4)	11/6/25	13 00 Eastern	G	Solid			X	X	X	X	X	X			
SED-Dup (752-38989-5)	11/6/25	13 00 Eastern	G	Solid			X	X	X	X	X	X			
SED-4 (752-38989-6)	11/6/25	13 30 Eastern	G	Solid			X	X	X	X	X	X			
SED-3 (752-38989-7)	11/6/25	14.00 Eastern	G	Solid			X	X	X	X	X	X			
SED-2 (752-38989-8)	11/6/25	14 30 Eastern	G	Solid			X	X	X	X	X	X			
SED-1 (752-38989-9)	11/6/25	15 00 Eastern	G	Solid			X	X	X	X	X	X			

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: BR	Date/Time: 11/7/25 1640	Company	Received by:	Date/Time: 11/08/25/909	Company: Eurofins	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 0.4°C/IR11			

Ver 10/10/2024

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7190 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 #: 752-38989-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/11/2025	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: Walton Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035A_FPVOC NC 02L List	8270E_QQQ/3546SVOC TCL OLM4 2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060A	8260D/5030CVOC NC 02L List							Total Number of containers	Special Instructions/Note:
			Preservation Codes:																		
Trip Blank 1 (752-38989-10)	11/6/25	Eastern	G	Water									X							2	
Trip Blank 2 (752-38989-11)	11/6/25	Eastern	G	Water									X							2	

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

Possible Hazard Identification *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:

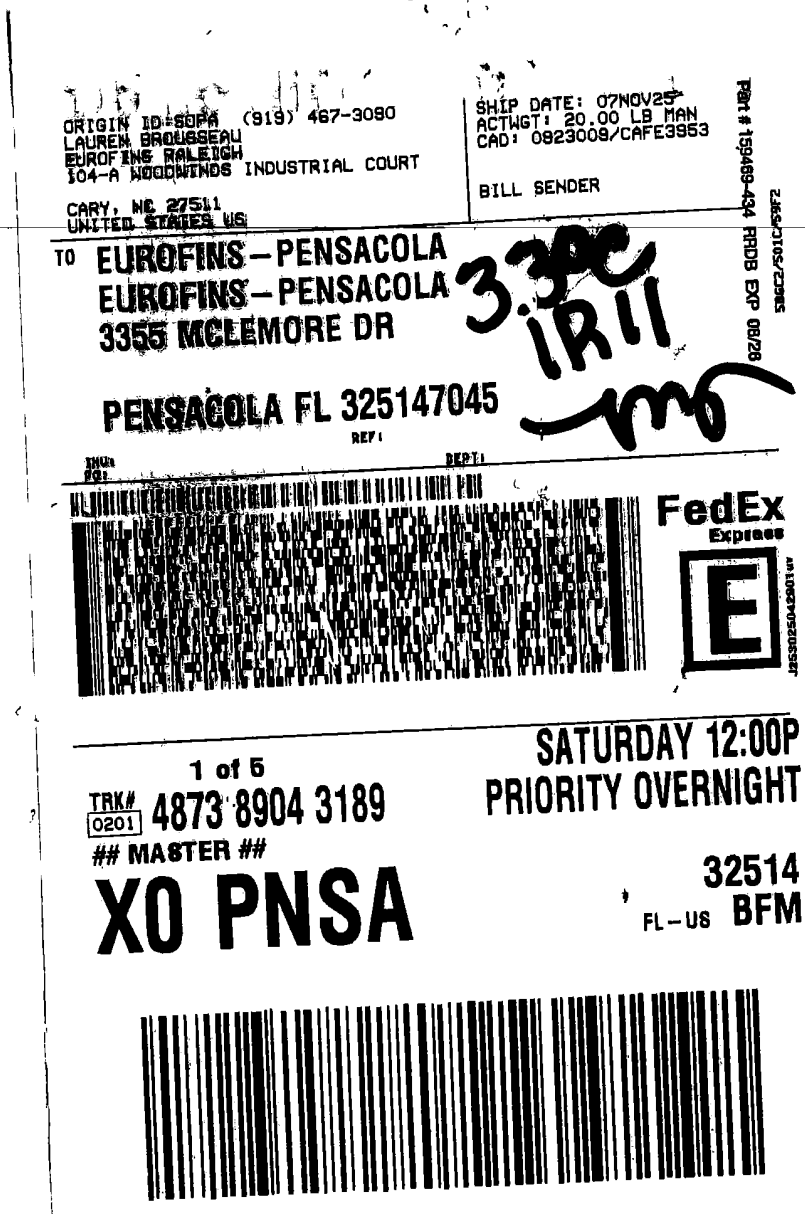
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	11/7/25 1640			11/08/25/909	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 0.4°C IR11

Ver 10/10/2024

11/25/2025



ORIGIN ID:SDPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 07NOV25
ACTWGT: 20.00 LB MAN
CAD: 0823009/CAFE3953

BILL SENDER

Part # 159469-434 RRDB EXP 08/28

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

REF:

INV#
PO#
DEPT#

3.3°C
IR11

FedEx Express

1 of 5

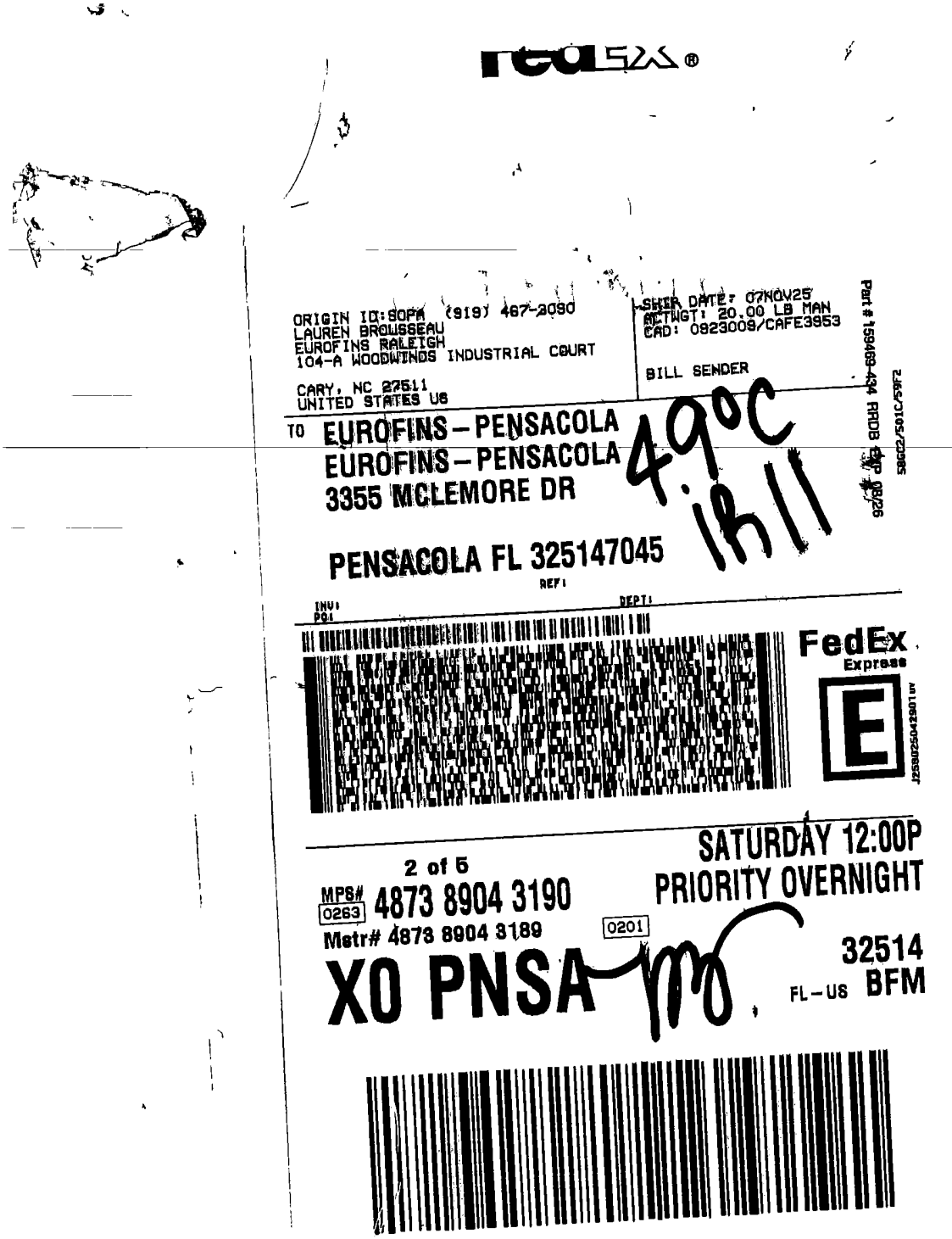
TRK# 0201 4873 8904 3189

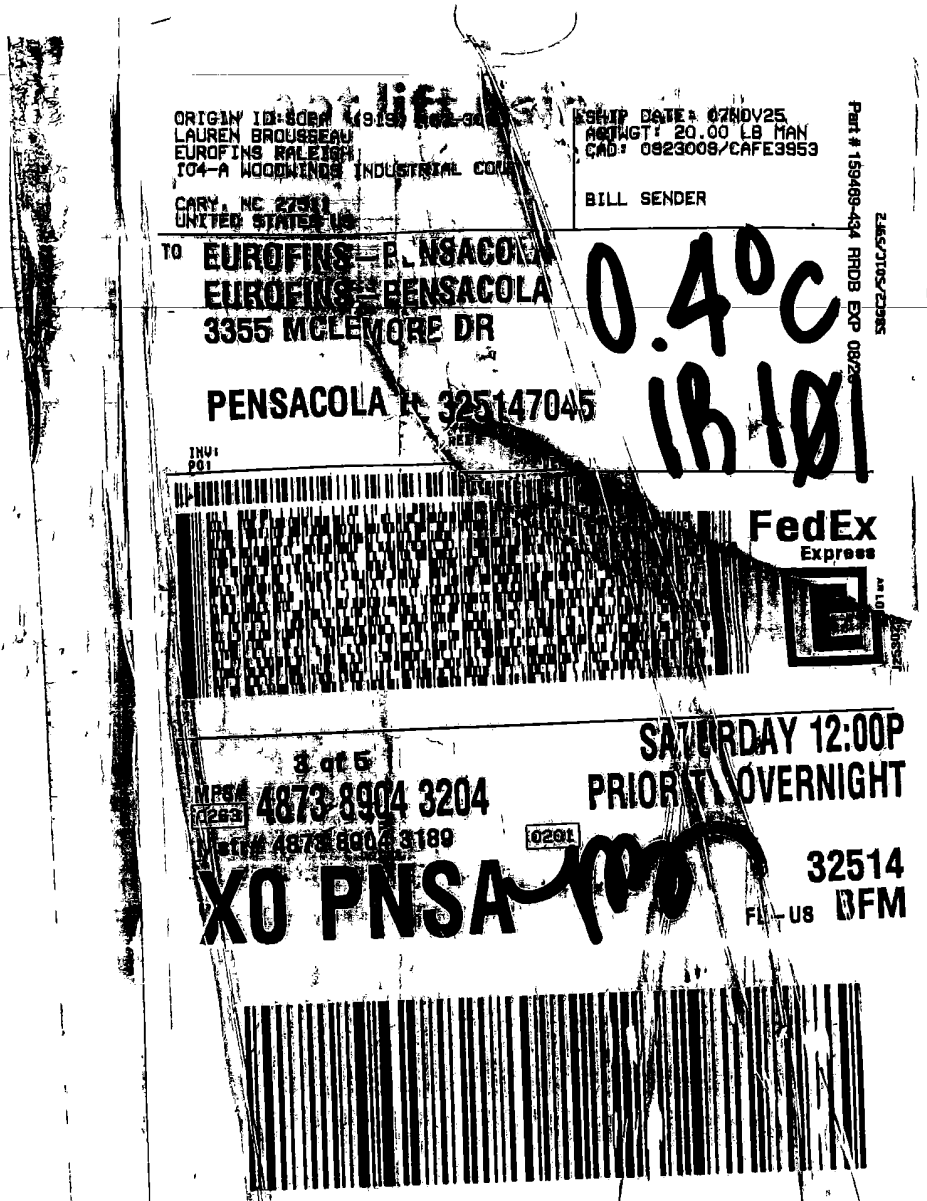
MASTER

XO PNSA

SATURDAY 12:00P
PRIORITY OVERNIGHT

32514
FL-US BFM


ORIGIN ID:9OPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 07NOV25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325147045
REF:
INV:
PO:
DEPT:
FedEx Express
2 of 5
MPS# 4873 8904 3190
0263
Mstr# 4873 8904 3189
0201
SATURDAY 12:00P
PRIORITY OVERNIGHT
XO PNSA
32514
FL-US BFM


ORIGIN ID:SCRA
LAUREN BROUSSEAU
EUROFINS RALEIGH
1O4-A WOODWINDS INDUSTRIAL COU
CARY, NC 27511
UNITED STATES US
SHIP DATE: 07NOV25
ACTWGT: 20.00 LB MAN
CAD: 0923008/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325147045
0.4°C
1B 101
FedEx
Express
SATURDAY 12:00P
PRIORITY OVERNIGHT
32514
FL-US BFM
XO PNSA

ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 07NOV25
ACTWGT: 20.00 LB MAN
CAD: 0823009/CAFE3953

BILL SENDER

Part # 159469-434 RRDB EXP 0826

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147845

REF:

DEPT:

INV#
PO#:

FedEx Express

4 of 5

MPS# 4873 8904 3215
0283

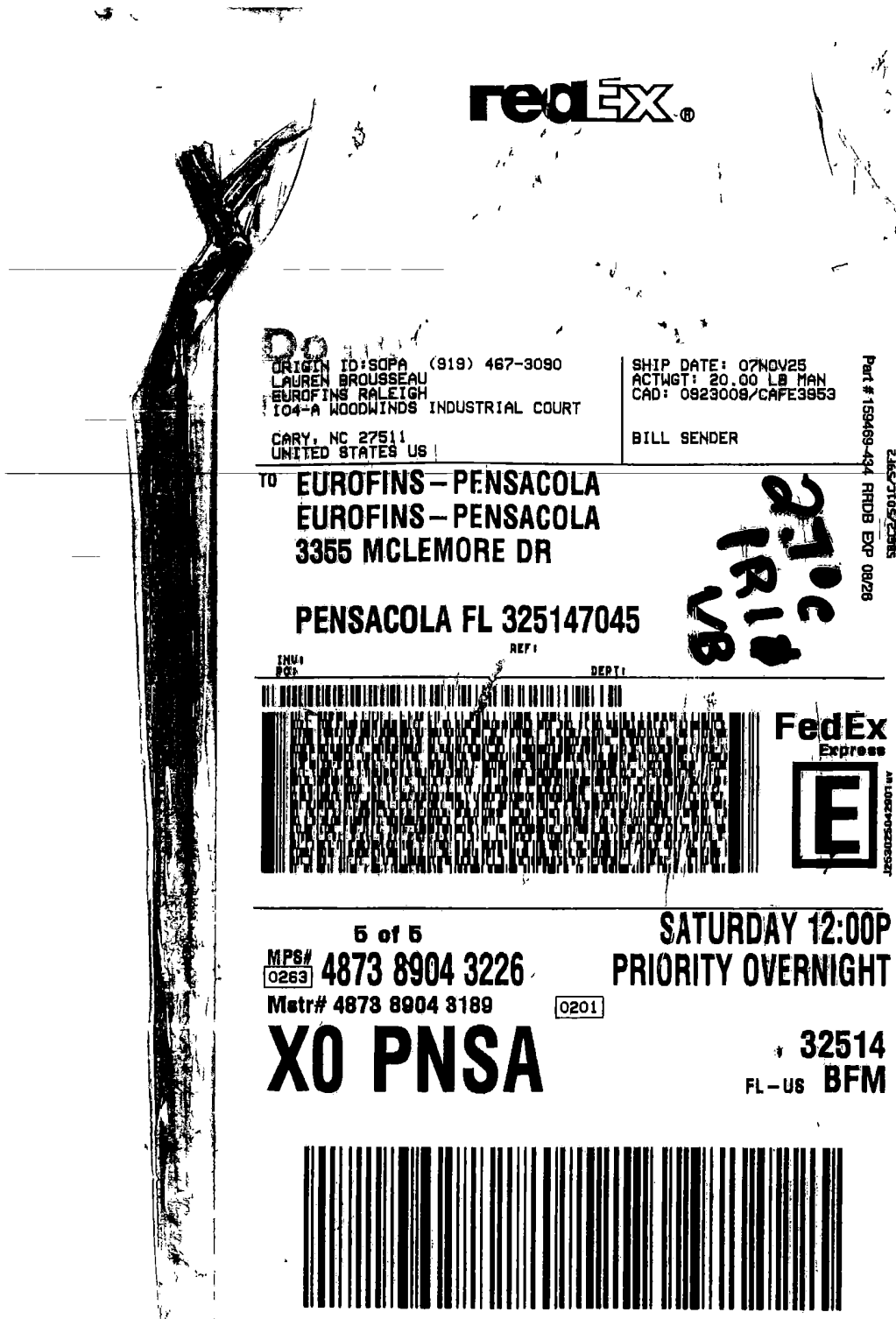
Mstr# 4873 8904 3189

0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO PNSA

32514
FL-US BFM



FedEx

ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 07NOV25
ACTWGT: 20.00 LB MAN
CAD: 0923008/CAFE3953

BILL SENDER

Part # 159469-434 RRDB EXP 08/28

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

REF:
INV:
PO#:
DEPT:

FedEx Express

5 of 5

MPS# 0263 4873 8904 3226

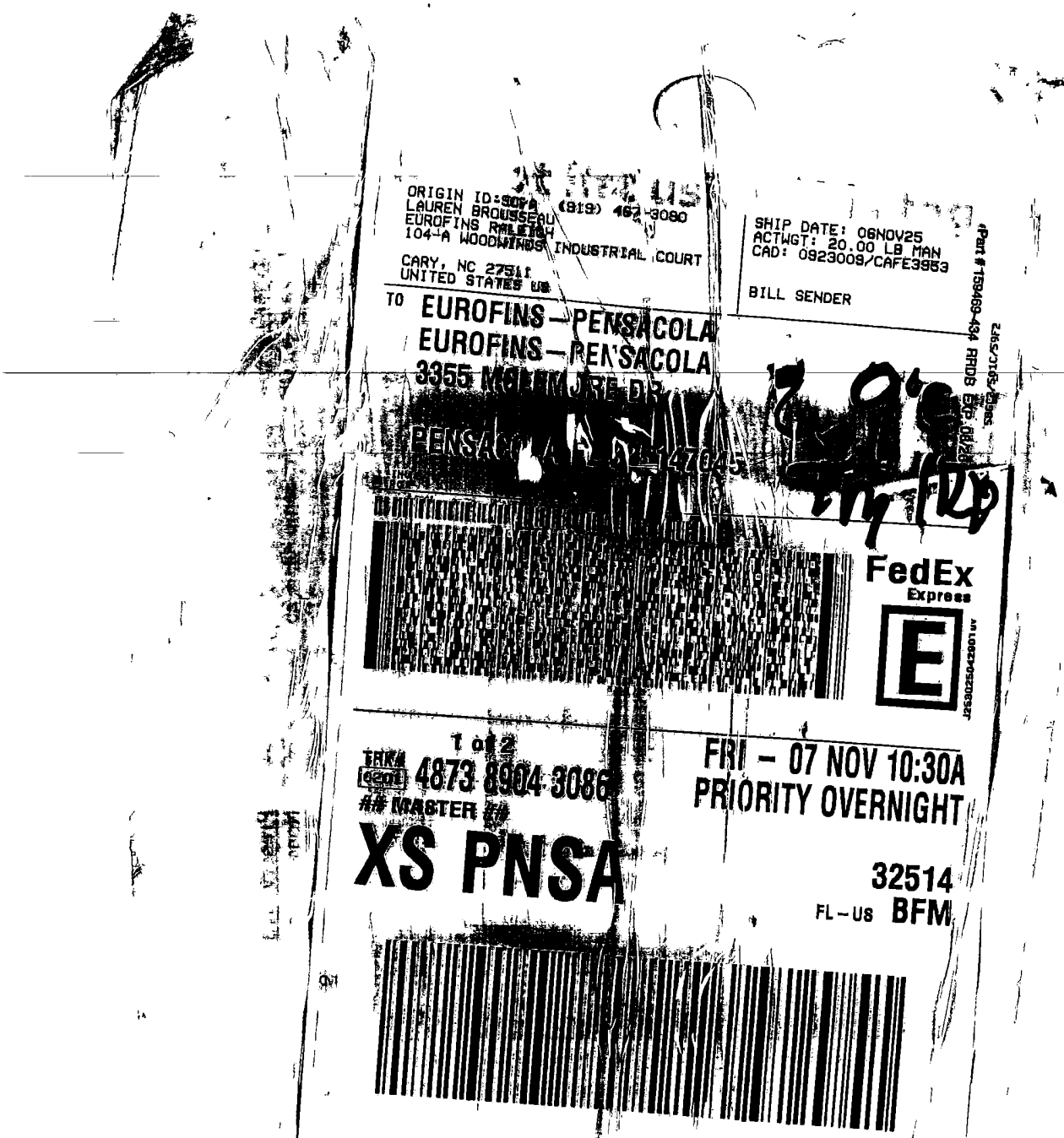
Mstr# 4873 8904 3189

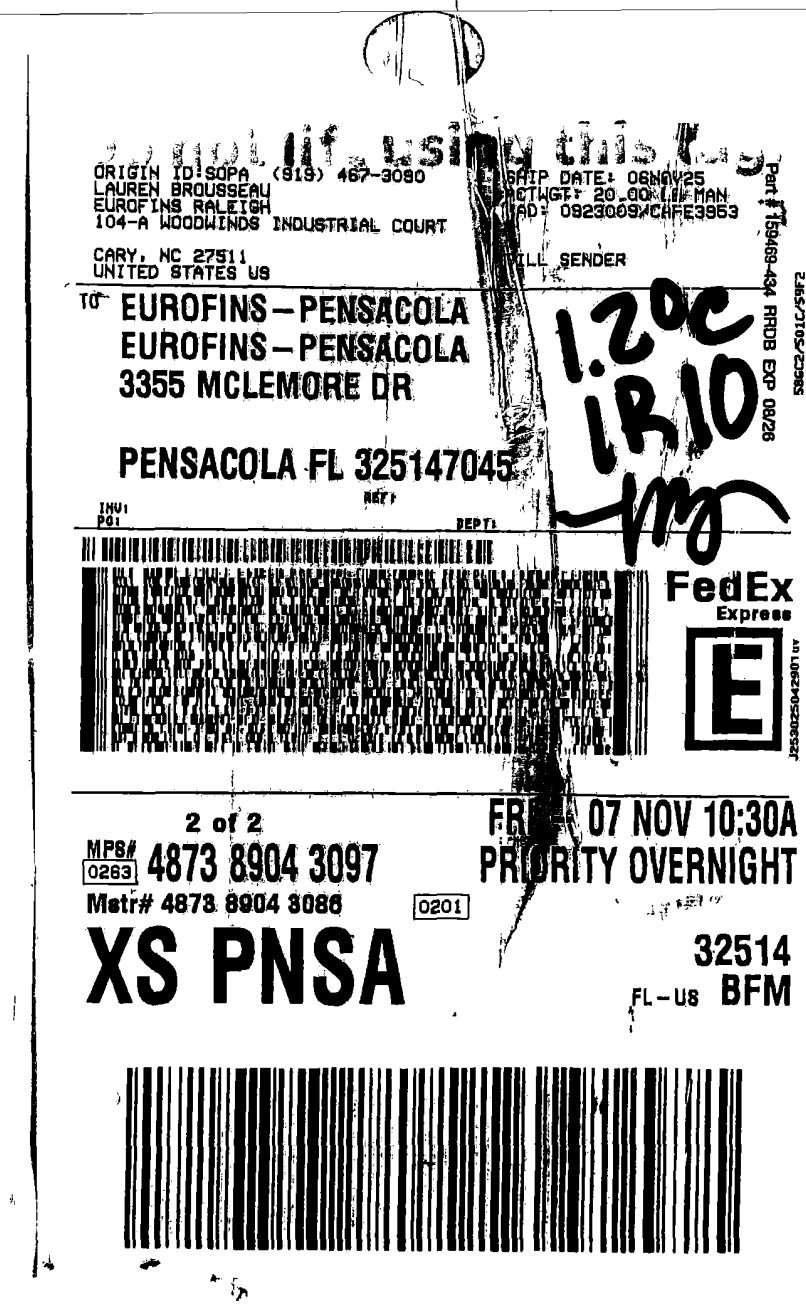
0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO PNSA

32514
FL-US BFM


ORIGIN ID:30FA (919) 462-3080
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 06NOV25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 32514
FedEx Express
1 of 2
TRK# 4873 8904 3086
MASTER
XS PNSA
FRI - 07 NOV 10:30A
PRIORITY OVERNIGHT
32514
FL-US BFM



FedEx

ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 06NOV25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953

BILL SENDER

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

Part # 159469-434 RRDB EXP 08/26

1.20c
iB10

INV:
PO:
REF:
DEPT:

FedEx Express

2 of 2
MPS# 4873 8904 3097
Mstr# 4873 8904 3086

FRI - 07 NOV 10:30A
PRIORITY OVERNIGHT

0283
0201

XS PNSA

32514
FL-US BFM

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: 752-7189 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 #: 752-38989-1
Address: 481 Newburyport Avenue	Due Date Requested: 11/17/2025			
City: Altamonte Springs	TAT Requested (days): N/A			
State, Zip: FL 32701				
Phone: 407-339-5984(Tel) 407-260-6110(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Walton 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/3051APRLF 16 Metals, including prep	7471B/7471B_PrepMercury	Total Number of containers	Special Instructions/Note
			Preservation Code:							
SED-8 (752-38989-1)	11/6/25	10 50 Eastern	G	Solid			X	X	1	
SED-7 (752-38989-2)	11/6/25	11 30 Eastern	G	Solid			X	X	1	
SED-6 (752-38989-3)	11/6/25	12 30 Eastern	G	Solid			X	X	1	
SED-5 (752-38989-4)	11/6/25	13 00 Eastern	G	Solid			X	X	1	
SED-Dup (752-38989-5)	11/6/25	13 00 Eastern	G	Solid			X	X	1	
SED-4 (752-38989-6)	11/6/25	13 30 Eastern	G	Solid			X	X	1	
SED-3 (752-38989-7)	11/6/25	14 00 Eastern	G	Solid			X	X	1	
SED-2 (752-38989-8)	11/6/25	14 30 Eastern	G	Solid			X	X	1	
SED-1 (752-38989-9)	11/6/25	15 00 Eastern	G	Solid			X	X	1	

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

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

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	JR	11/7/25 1635		Edwin F.	11/8/25 0930	
2						
3						

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 5|5

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs, FL 32701
Phone: 407-339-5984 Fax: 407-260-6110

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: 670-64502.1
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 #: 752-38989-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 11/17/2025			
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: Walton Park	Project #: 68026680			
Site: N/A	SSOW#: 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)	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SED-8 (752-38989-1)	11/6/25	10:50 Eastern	G	Solid			X	X	1	
SED-7 (752-38989-2)	11/6/25	11:30 Eastern	G	Solid			X	X	1	
SED-6 (752-38989-3)	11/6/25	12:30 Eastern	G	Solid			X	X	1	
SED-5 (752-38989-4)	11/6/25	13:00 Eastern	G	Solid			X	X	1	
SED-Dup (752-38989-5)	11/6/25	13:00 Eastern	G	Solid			X	X	1	
SED-4 (752-38989-6)	11/6/25	13:30 Eastern	G	Solid			X	X	1	
SED-3 (752-38989-7)	11/6/25	14:00 Eastern	G	Solid			X	X	1	
SED-2 (752-38989-8)	11/6/25	14:30 Eastern	G	Solid			X	X	1	
SED-1 (752-38989-9)	11/6/25	15:00 Eastern	G	Solid			X	X	1	

Analysis Requested

Preservation Codes: -

Other: N/A

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11.10.25 1700			11/11/25 932	
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: 2665 1.7

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38989-1

Login Number: 38989
List Number: 1
Creator: Ortiz, Daniel

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: 752-38989-1

Login Number: 38989
List Number: 4
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 11/11/25 10:06 AM

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

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38989-1

Login Number: 38989
List Number: 3
Creator: Lavardera, Angelina

List Source: Eurofins Orlando
List Creation: 11/10/25 09:00 AM

Question	Answer	Comment
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.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	
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	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38989-1

Login Number: 38989
List Number: 2
Creator: Wilson, Derek A

List Source: Eurofins Pensacola
List Creation: 11/08/25 11:08 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7°C IR11 1.8°C IR11 0.4°C IR11 3.3°C IR11 4.9°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV– NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-1 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

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
8.8		67-66-3	Chloroform			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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	2.2E-06	1.3E-01	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	1.7E-07	1.0E-02	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 - 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
67-66-3	Chloroform	8.8	0.264	1.2E-01	4.1E-01	**2.2E-06**	1.3E-01
					Cumulative:	2.2E-06	1.3E-01

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-66-3	Chloroform	8.8	0.088	5.3E-01	1.7E+00	1.7E-07	1.0E-02
					Cumulative:	1.7E-07	1.0E-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:	LFGP-2 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

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
250		127-18-4	Tetrachloroethylene			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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	6.9E-07	1.8E-01	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	5.3E-08	1.4E-02	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 - 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
127-18-4	Tetrachloroethylene	250	7.5	1.1E+01	8.3E+00	6.9E-07	1.8E-01
					Cumulative:	6.9E-07	1.8E-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-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
127-18-4	Tetrachloroethylene	250	2.5	4.7E+01	3.5E+01	5.3E-08	1.4E-02
					Cumulative:	5.3E-08	1.4E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-3 and LFGP-Dup-01 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-3 and LFGP-Dup-01 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

*LFGP-Dup-01 was taken at LFGP-3. Value of highest concentration was input into the Risk Calculator.

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
400		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-3									

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 and LFGP-Dup-01 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	1.1E-06	2.9E-01	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	8.5E-08	2.3E-02	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 - 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 and LFGP-Dup-01 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
127-18-4	Tetrachloroethylene	400	12	1.1E+01	8.3E+00	**1.1E-06**	**2.9E-01**
					Cumulative:	1.1E-06	2.9E-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-3 and LFGP-Dup-01 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
127-18-4	Tetrachloroethylene	400	4	4.7E+01	3.5E+01	8.5E-08	2.3E-02
					Cumulative:	8.5E-08	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
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

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
13		110-82-7	Cyclohexane			ug/m^3	LFGP-4									
9.1		67-63-0	Isopropanol			ug/m^3	LFGP-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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	0.0E+00	1.4E-03	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	1.1E-04	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 - 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
110-82-7	Cyclohexane	13	0.39	-	1.3E+03		6.2E-05
67-63-0	Isopropanol	9.1	0.273	-	4.2E+01		1.3E-03
					Cumulative:	0.0E+00	1.4E-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
110-82-7	Cyclohexane	13	0.13	-	5.3E+03		4.9E-06
67-63-0	Isopropanol	9.1	0.091	-	1.8E+02		1.0E-04
					Cumulative:	0.0E+00	1.1E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

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.

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
27		127-18-4	Tetrachloroethylene			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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	7.5E-08	1.9E-02	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	5.7E-09	1.5E-03	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 - 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
127-18-4	Tetrachloroethylene	27	0.81	1.1E+01	8.3E+00	7.5E-08	1.9E-02
					Cumulative:	7.5E-08	1.9E-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-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
127-18-4	Tetrachloroethylene	27	0.27	4.7E+01	3.5E+01	5.7E-09	1.5E-03
					Cumulative:	5.7E-09	1.5E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-8 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

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.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
29		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	8.1E-08	2.1E-02	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	6.1E-09	1.7E-03	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 - 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
127-18-4	Tetrachloroethylene	29	0.87	1.1E+01	8.3E+00	8.1E-08	2.1E-02
					Cumulative:	8.1E-08	2.1E-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-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
127-18-4	Tetrachloroethylene	29	0.29	4.7E+01	3.5E+01	6.1E-09	1.7E-03
					Cumulative:	6.1E-09	1.7E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-9 Risk Assessment
Submittal Date:	12/24/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

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.

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
3.9		67-66-3	Chloroform			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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	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	0.0E+00	0.0E+00	NO
	Soil Gas to Indoor Air	9.6E-07	5.8E-02	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	7.3E-08	4.6E-03	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 - 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
67-66-3	Chloroform	3.9	0.117	1.2E-01	4.1E-01	9.6E-07	5.8E-02
					Cumulative:	9.6E-07	5.8E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-66-3	Chloroform	3.9	0.039	5.3E-01	1.7E+00	7.3E-08	4.6E-03
					Cumulative:	7.3E-08	4.6E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.473	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-1									
35.9		7440-39-3	Barium			ug/L	SW-1									
0.618	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-1									
0.2	J	7440-48-4	Cobalt			ug/L	SW-1									
4.84		7440-50-8	Copper			ug/L	SW-1									
0.442		123-91-1	Dioxane, 1,4-			ug/L	SW-1									
1.31	J	7439-92-1	~Lead and Compounds			ug/L	SW-1									
38.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.55	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
336		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
336		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-1									
0.812	J	7440-62-2	Vanadium and Compounds			ug/L	SW-1									
67.7		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	4.4E-07	3.0E-02	NO

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 - 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
7440-38-2	Arsenic, Inorganic	0.473	0.473	3.8E-07	3.7E-08	4.1E-07	6.2E-03	3.3E-04	6.6E-03
7440-39-3	Barium	35.9	35.9				7.1E-04	5.4E-04	1.2E-03
16065-83-1	Chromium(III), Insoluble Salts	0.618	0.618				1.6E-06	6.6E-06	8.3E-06
7440-48-4	Cobalt	0.2	0.2				2.6E-03	5.6E-05	2.7E-03
7440-50-8	Copper	4.84	4.84				4.8E-04	2.5E-05	5.0E-04
123-91-1	Dioxane, 1,4-	0.442	0.442	2.4E-08	1.0E-09	2.5E-08	5.8E-05	1.4E-06	5.9E-05
7439-92-1	~Lead and Compounds	1.31	1.31						
7439-96-5	Manganese (Non-diet)	38.3	38.3				6.3E-03	8.3E-03	1.5E-02
7440-02-0	Nickel Soluble Salts	1.55	1.55				3.1E-04	8.1E-05	3.9E-04
14797-55-8	Nitrate (measured as nitrogen)	336	336				8.3E-04	4.4E-05	8.7E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	336	336						
7440-62-2	Vanadium and Compounds	0.812	0.812				6.4E-04	1.3E-03	1.9E-03
7440-66-6	Zinc and Compounds	67.7	67.7				8.9E-04	2.8E-05	9.2E-04
					Cumulative:	4.4E-07			3.0E-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:	SW-2 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.541	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-2									
36.8		7440-39-3	Barium			ug/L	SW-2									
0.547	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-2									
0.115	J	7440-48-4	Cobalt			ug/L	SW-2									
4.72		7440-50-8	Copper			ug/L	SW-2									
0.471		123-91-1	Dioxane, 1,4-			ug/L	SW-2									
0.477	J	7439-92-1	~Lead and Compounds			ug/L	SW-2									
25.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.52	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
317		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
317		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-2									
0.74	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
68.6		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.0E-07	2.4E-02	NO

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 - 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
7440-38-2	Arsenic, Inorganic	0.541	0.541	4.3E-07	4.3E-08	4.7E-07	7.1E-03	3.8E-04	7.5E-03
7440-39-3	Barium	36.8	36.8				7.3E-04	5.5E-04	1.3E-03
16065-83-1	Chromium(III), Insoluble Salts	0.547	0.547				1.4E-06	5.9E-06	7.3E-06
7440-48-4	Cobalt	0.115	0.115				1.5E-03	3.2E-05	1.5E-03
7440-50-8	Copper	4.72	4.72				4.7E-04	2.5E-05	4.9E-04
123-91-1	Dioxane, 1,4-	0.471	0.471	2.5E-08	1.1E-09	2.6E-08	6.2E-05	1.4E-06	6.3E-05
7439-92-1	~Lead and Compounds	0.477	0.477						
7439-96-5	Manganese (Non-diet)	25.2	25.2				4.1E-03	5.5E-03	9.6E-03
7440-02-0	Nickel Soluble Salts	1.52	1.52				3.0E-04	8.0E-05	3.8E-04
14797-55-8	Nitrate (measured as nitrogen)	317	317				7.8E-04	4.1E-05	8.2E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	317	317						
7440-62-2	Vanadium and Compounds	0.74	0.74				5.8E-04	1.2E-03	1.8E-03
7440-66-6	Zinc and Compounds	68.6	68.6				9.0E-04	2.9E-05	9.3E-04
					Cumulative:	5.0E-07			2.4E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-3 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.526	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-3									
34.1		7440-39-3	Barium			ug/L	SW-3									
0.532	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-3									
0.126	J	7440-48-4	Cobalt			ug/L	SW-3									
4.71		7440-50-8	Copper			ug/L	SW-3									
0.395		123-91-1	Dioxane, 1,4-			ug/L	SW-3									
0.582	J	7439-92-1	~Lead and Compounds			ug/L	SW-3									
21.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
1.51	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
246		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
246		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-3									
0.718	J	7440-62-2	Vanadium and Compounds			ug/L	SW-3									
62.7		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	4.8E-07	2.2E-02	NO

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 - 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
7440-38-2	Arsenic, Inorganic	0.526	0.526	4.2E-07	4.1E-08	4.6E-07	6.9E-03	3.7E-04	7.3E-03
7440-39-3	Barium	34.1	34.1				6.7E-04	5.1E-04	1.2E-03
16065-83-1	Chromium(III), Insoluble Salts	0.532	0.532				1.4E-06	5.7E-06	7.1E-06
7440-48-4	Cobalt	0.126	0.126				1.7E-03	3.5E-05	1.7E-03
7440-50-8	Copper	4.71	4.71				4.6E-04	2.5E-05	4.9E-04
123-91-1	Dioxane, 1,4-	0.395	0.395	2.1E-08	9.1E-10	2.2E-08	5.2E-05	1.2E-06	5.3E-05
7439-92-1	~Lead and Compounds	0.582	0.582						
7439-96-5	Manganese (Non-diet)	21.4	21.4				3.5E-03	4.7E-03	8.2E-03
7440-02-0	Nickel Soluble Salts	1.51	1.51				3.0E-04	7.9E-05	3.8E-04
14797-55-8	Nitrate (measured as nitrogen)	246	246				6.1E-04	3.2E-05	6.4E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	246	246						
7440-62-2	Vanadium and Compounds	0.718	0.718				5.6E-04	1.1E-03	1.7E-03
7440-66-6	Zinc and Compounds	62.7	62.7				8.2E-04	2.6E-05	8.5E-04
					Cumulative:	4.8E-07			2.2E-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:	SW-4 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.576	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-4									
37.5		7440-39-3	Barium			ug/L	SW-4									
0.86	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-4									
0.243	J	7440-48-4	Cobalt			ug/L	SW-4									
5.76		7440-50-8	Copper			ug/L	SW-4									
0.38		123-91-1	Dioxane, 1,4-			ug/L	SW-4									
1.89	J	7439-92-1	~Lead and Compounds			ug/L	SW-4									
27.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
1.73	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
269		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-4									
269		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-4									
1.11	J	7440-62-2	Vanadium and Compounds			ug/L	SW-4									
67		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.3E-07	2.8E-02	NO

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 - 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
7440-38-2	Arsenic, Inorganic	0.576	0.576	4.6E-07	4.5E-08	5.0E-07	7.6E-03	4.0E-04	8.0E-03
7440-39-3	Barium	37.5	37.5				7.4E-04	5.6E-04	1.3E-03
16065-83-1	Chromium(III), Insoluble Salts	0.86	0.86				2.3E-06	9.2E-06	1.1E-05
7440-48-4	Cobalt	0.243	0.243				3.2E-03	6.8E-05	3.3E-03
7440-50-8	Copper	5.76	5.76				5.7E-04	3.0E-05	6.0E-04
123-91-1	Dioxane, 1,4-	0.38	0.38	2.0E-08	8.8E-10	2.1E-08	5.0E-05	1.2E-06	5.1E-05
7439-92-1	~Lead and Compounds	1.89	1.89						
7439-96-5	Manganese (Non-diet)	27.6	27.6				4.5E-03	6.0E-03	1.1E-02
7440-02-0	Nickel Soluble Salts	1.73	1.73				3.4E-04	9.1E-05	4.3E-04
14797-55-8	Nitrate (measured as nitrogen)	269	269				6.6E-04	3.5E-05	7.0E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	269	269						
7440-62-2	Vanadium and Compounds	1.11	1.11				8.7E-04	1.8E-03	2.6E-03
7440-66-6	Zinc and Compounds	67	67				8.8E-04	2.8E-05	9.1E-04
					Cumulative:	5.3E-07			2.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-5 and SW-Dup Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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 and SW-Dup Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Duplicate sample taken at SW-5. Value of highest concentration was input into the Risk Calculator

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.523	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-Dup									
34.6		7440-39-3	Barium			ug/L	SW-Dup									
0.572	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-Dup									
0.103	J	7440-48-4	Cobalt			ug/L	SW-Dup									
4.37		7440-50-8	Copper			ug/L	SW-Dup									
0.353		123-91-1	Dioxane, 1,4-			ug/L	SW-5									
0.412	J	7439-92-1	~Lead and Compounds			ug/L	SW-Dup									
19.7		7439-96-5	Manganese (Non-diet)			ug/L	SW-Dup									
1.51	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-Dup									
255		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-Dup									
255		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-Dup									
0.741	J	7440-62-2	Vanadium and Compounds			ug/L	SW-Dup									
57.5		7440-66-6	Zinc and Compounds			ug/L	SW-Dup									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-5 and SW-Dup Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	4.8E-07	2.1E-02	NO

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 - 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 and SW-Dup Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.523	0.523	4.2E-07	4.1E-08	4.6E-07	6.9E-03	3.6E-04	7.2E-03
7440-39-3	Barium	34.6	34.6				6.8E-04	5.2E-04	1.2E-03
16065-83-1	Chromium(III), Insoluble Salts	0.572	0.572				1.5E-06	6.1E-06	7.6E-06
7440-48-4	Cobalt	0.103	0.103				1.4E-03	2.9E-05	1.4E-03
7440-50-8	Copper	4.37	4.37				4.3E-04	2.3E-05	4.5E-04
123-91-1	Dioxane, 1,4-	0.353	0.353	1.9E-08	8.2E-10	2.0E-08	4.6E-05	1.1E-06	4.8E-05
7439-92-1	~Lead and Compounds	0.412	0.412						
7439-96-5	Manganese (Non-diet)	19.7	19.7				3.2E-03	4.3E-03	7.5E-03
7440-02-0	Nickel Soluble Salts	1.51	1.51				3.0E-04	7.9E-05	3.8E-04
14797-55-8	Nitrate (measured as nitrogen)	255	255				6.3E-04	3.3E-05	6.6E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	255	255						
7440-62-2	Vanadium and Compounds	0.741	0.741				5.8E-04	1.2E-03	1.8E-03
7440-66-6	Zinc and Compounds	57.5	57.5				7.6E-04	2.4E-05	7.8E-04
					Cumulative:	4.8E-07			2.1E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-6 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.622	J	7440-36-0	Antimony (metallic)			ug/L	SW-6									
1.65	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-6									
73.5		7440-39-3	Barium			ug/L	SW-6									
0.278	J	7440-43-9	Cadmium (Diet)			ug/L	SW-6									
5.5		16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-6									
2.05		7440-48-4	Cobalt			ug/L	SW-6									
23.4		7440-50-8	Copper			ug/L	SW-6									
0.313		123-91-1	Dioxane, 1,4-			ug/L	SW-6									
33.2		7439-92-1	~Lead and Compounds			ug/L	SW-6									
148		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
6.23		7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
282		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-6									
282		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-6									
0.0848	J	7440-22-4	Silver			ug/L	SW-6									
6.75		7440-62-2	Vanadium and Compounds			ug/L	SW-6									
182		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	1.5E-06	1.5E-01	NO

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 - 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
7440-36-0	Antimony (metallic)	0.622	0.622				6.1E-03	2.2E-03	8.3E-03
7440-38-2	Arsenic, Inorganic	1.65	1.65	**1.3E-06**	1.3E-07	**1.4E-06**	2.2E-02	1.2E-03	2.3E-02
7440-39-3	Barium	73.5	73.5				1.4E-03	1.1E-03	2.5E-03
7440-43-9	Cadmium (Diet)	0.278	0.278				1.1E-02		1.1E-02
16065-83-1	Chromium(III), Insoluble Salts	5.5	5.5				1.4E-05	5.9E-05	7.3E-05
7440-48-4	Cobalt	2.05	2.05				2.7E-02	5.7E-04	2.8E-02
7440-50-8	Copper	23.4	23.4				2.3E-03	1.2E-04	2.4E-03
123-91-1	Dioxane, 1,4-	0.313	0.313	1.7E-08	7.2E-10	1.7E-08	4.1E-05	9.6E-07	4.2E-05
7439-92-1	~Lead and Compounds	33.2	33.2						
7439-96-5	Manganese (Non-diet)	148	148				2.4E-02	3.2E-02	5.7E-02
7440-02-0	Nickel Soluble Salts	6.23	6.23				1.2E-03	3.3E-04	1.6E-03
14797-55-8	Nitrate (measured as nitrogen)	282	282				7.0E-04	3.7E-05	7.3E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	282	282						
7440-22-4	Silver	0.0848	0.0848				6.7E-05	5.3E-05	1.2E-04
7440-62-2	Vanadium and Compounds	6.75	6.75				5.3E-03	1.1E-02	1.6E-02
7440-66-6	Zinc and Compounds	182	182				2.4E-03	7.6E-05	2.5E-03
					Cumulative:	1.5E-06			1.5E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-7 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.607	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-7									
31		7440-39-3	Barium			ug/L	SW-7									
6.21	J	105-60-2	Caprolactam			ug/L	SW-7									
0.456	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-7									
0.131	J	7440-48-4	Cobalt			ug/L	SW-7									
3.55		7440-50-8	Copper			ug/L	SW-7									
0.496	J	7439-92-1	~Lead and Compounds			ug/L	SW-7									
32.1		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.15	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
292		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-7									
292	F1	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-7									
0.776	J	7440-62-2	Vanadium and Compounds			ug/L	SW-7									
58		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.3E-07	2.8E-02	NO

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 - 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
7440-38-2	Arsenic, Inorganic	0.607	0.607	4.8E-07	4.8E-08	5.3E-07	8.0E-03	4.2E-04	8.4E-03
7440-39-3	Barium	31	31				6.1E-04	4.6E-04	1.1E-03
105-60-2	Caprolactam	6.21	6.21				4.9E-05	3.8E-06	5.3E-05
16065-83-1	Chromium(III), Insoluble Salts	0.456	0.456				1.2E-06	4.9E-06	6.1E-06
7440-48-4	Cobalt	0.131	0.131				1.7E-03	3.7E-05	1.8E-03
7440-50-8	Copper	3.55	3.55				3.5E-04	1.9E-05	3.7E-04
7439-92-1	~Lead and Compounds	0.496	0.496						
7439-96-5	Manganese (Non-diet)	32.1	32.1				5.3E-03	7.0E-03	1.2E-02
7440-02-0	Nickel Soluble Salts	1.15	1.15				2.3E-04	6.0E-05	2.9E-04
14797-55-8	Nitrate (measured as nitrogen)	292	292				7.2E-04	3.8E-05	7.6E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	292	292						
7440-62-2	Vanadium and Compounds	0.776	0.776				6.1E-04	1.2E-03	1.8E-03
7440-66-6	Zinc and Compounds	58	58				7.6E-04	2.4E-05	7.9E-04
					Cumulative:	5.3E-07			2.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-8 Risk Assessment
Submittal Date:	12/30/2025
Prepared By:	Jonathan Olanin
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

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.569	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-8									
31.3		7440-39-3	Barium			ug/L	SW-8									
6.82	J	105-60-2	Caprolactam			ug/L	SW-8									
0.479	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-8									
0.129	J	7440-48-4	Cobalt			ug/L	SW-8									
3.56		7440-50-8	Copper			ug/L	SW-8									
0.504	J	7439-92-1	~Lead and Compounds			ug/L	SW-8									
37		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
1.23	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-8									
293		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
293	F1	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-8									
0.689	J	7440-62-2	Vanadium and Compounds			ug/L	SW-8									
55.7		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	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.0E-07	2.9E-02	NO

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 - 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
7440-38-2	Arsenic, Inorganic	0.569	0.569	4.5E-07	4.5E-08	5.0E-07	7.5E-03	4.0E-04	7.9E-03
7440-39-3	Barium	31.3	31.3				6.2E-04	4.7E-04	1.1E-03
105-60-2	Caprolactam	6.82	6.82				5.4E-05	4.1E-06	5.8E-05
16065-83-1	Chromium(III), Insoluble Salts	0.479	0.479				1.3E-06	5.1E-06	6.4E-06
7440-48-4	Cobalt	0.129	0.129				1.7E-03	3.6E-05	1.7E-03
7440-50-8	Copper	3.56	3.56				3.5E-04	1.9E-05	3.7E-04
7439-92-1	~Lead and Compounds	0.504	0.504						
7439-96-5	Manganese (Non-diet)	37	37				6.1E-03	8.1E-03	1.4E-02
7440-02-0	Nickel Soluble Salts	1.23	1.23				2.4E-04	6.4E-05	3.1E-04
14797-55-8	Nitrate (measured as nitrogen)	293	293				7.2E-04	3.8E-05	7.6E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	293	293						
7440-62-2	Vanadium and Compounds	0.689	0.689				5.4E-04	1.1E-03	1.6E-03
7440-66-6	Zinc and Compounds	55.7	55.7				7.3E-04	2.3E-05	7.6E-04
					Cumulative:	5.0E-07			2.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	1/22/2025
Prepared By:	Jonathan Olanin, Jennifer Petzold
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
0.0355		67-64-1	Acetone			mg/kg	SED-1									
0.547	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
9.16		7440-39-3	Barium			mg/kg	SED-1									
0.0558	J	105-60-2	Caprolactam			mg/kg	SED-1									
3.33		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
2.22		7440-48-4	Cobalt			mg/kg	SED-1									
5.01		7440-50-8	Copper			mg/kg	SED-1									
9.14		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
49.9		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
6.78		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
1.69		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.0429	J	120-12-7	~Anthracene			mg/kg	SED-1									
0.288	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
0.306	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.451		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.146	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-1									
0.323	J	218-01-9	~Chrysene			mg/kg	SED-1									
0.0506	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-1									
0.686		206-44-0	~Fluoranthene			mg/kg	SED-1									
0.24	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
0.531		129-00-0	~Pyrene			mg/kg	SED-1									
0.00145	J	108-88-3	Toluene			mg/kg	SED-1									
4.88		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
31		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	4.8E-06	1.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.0E-07	1.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.0E-06	7.5E-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
67-64-1	Acetone	0.0355	0.0355	0.0355					5.0E-07			5.0E-07
7440-38-2	Arsenic, Inorganic	0.547	0.547	0.547	7.1E-07	1.0E-07	1.4E-11	8.1E-07	1.4E-02	1.7E-03	5.9E-07	1.6E-02
7440-39-3	Barium	9.16	9.16	9.16					5.9E-04		3.0E-07	5.9E-04
105-60-2	Caprolactam	0.0558	0.0558	0.0558					1.4E-06	3.4E-07	4.1E-10	1.8E-06
16065-83-1	Chromium(III), Insoluble Salts	3.33	3.33	3.33					2.8E-05			2.8E-05
7440-48-4	Cobalt	2.22	2.22	2.22			1.2E-10	1.2E-10	9.5E-02		6.0E-06	9.5E-02
7440-50-8	Copper	5.01	5.01	5.01					1.6E-03			1.6E-03
7439-92-1	~Lead and Compounds	9.14	9.14	9.14					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	49.9	49.9	49.9					2.7E-02		1.6E-05	2.7E-02
7440-02-0	Nickel Soluble Salts	6.78	6.78	6.78			1.1E-11	1.1E-11	4.3E-03		1.1E-05	4.3E-03
14797-55-8	Nitrate (measured as nitrogen)	1.69	1.69	1.69					1.4E-05			1.4E-05
120-12-7	~Anthracene	0.0429	0.0429	0.0429					1.8E-06	5.6E-07		2.4E-06
56-55-3	~Benz[a]anthracene	0.288	0.288	0.288	1.9E-07	6.3E-08	3.6E-09	2.5E-07				
50-32-8	~Benzo[a]pyrene	0.306	0.306	0.306	**2.0E-06**	6.7E-07	3.1E-12	2.7E-06	1.3E-02	4.0E-03	2.5E-06	1.7E-02
205-99-2	~Benzo[b]fluoranthene	0.451	0.451	0.451	2.9E-07	9.8E-08	4.5E-13	3.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.146	0.146	0.146	9.5E-09	3.2E-09	1.5E-14	1.3E-08				
218-01-9	~Chrysene	0.323	0.323	0.323	2.1E-09	7.0E-10	3.2E-15	2.8E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0506	0.0506	0.0506	3.3E-07	1.1E-07	5.0E-13	4.4E-07				
206-44-0	~Fluoranthene	0.686	0.686	0.686					2.2E-04	6.8E-05		2.9E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.24	0.24	0.24	1.6E-07	5.2E-08	2.4E-13	2.1E-07				
129-00-0	~Pyrene	0.531	0.531	0.531					2.3E-04	7.0E-05		3.0E-04
108-88-3	Toluene	0.00145	0.00145	0.00145					2.3E-07		6.1E-08	2.9E-07
7440-62-2	Vanadium and Compounds	4.88	4.88	4.88					1.2E-02		7.9E-07	1.2E-02
7440-66-6	Zinc and Compounds	31	31	31					1.3E-03			1.3E-03
						Cumulative:		4.8E-06				1.7E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.0355	0.0355	0.0355					3.4E-08			3.4E-08
7440-38-2	Arsenic, Inorganic	0.547	0.547	0.547	1.5E-07	3.2E-08	3.2E-12	1.8E-07	9.4E-04	2.0E-04	1.4E-07	1.1E-03
7440-39-3	Barium	9.16	9.16	9.16					3.9E-05		7.1E-08	3.9E-05
105-60-2	Caprolactam	0.0558	0.0558	0.0558					9.6E-08	4.0E-08	9.8E-11	1.4E-07
16065-83-1	Chromium(III), Insoluble Salts	3.33	3.33	3.33					1.9E-06			1.9E-06
7440-48-4	Cobalt	2.22	2.22	2.22			2.7E-11	2.7E-11	6.3E-03		1.4E-06	6.3E-03
7440-50-8	Copper	5.01	5.01	5.01					1.1E-04			1.1E-04
7439-92-1	~Lead and Compounds	9.14	9.14	9.14					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	49.9	49.9	49.9					1.8E-03		3.8E-06	1.8E-03
7440-02-0	Nickel Soluble Salts	6.78	6.78	6.78			2.4E-12	2.4E-12	2.9E-04		2.6E-06	2.9E-04
14797-55-8	Nitrate (measured as nitrogen)	1.69	1.69	1.69					9.0E-07			9.0E-07
120-12-7	~Anthracene	0.0429	0.0429	0.0429					1.2E-07	6.7E-08		1.9E-07
56-55-3	~Benz[a]anthracene	0.288	0.288	0.288	8.8E-09	4.8E-09	3.0E-10	1.4E-08				
50-32-8	~Benzo[a]pyrene	0.306	0.306	0.306	9.4E-08	5.1E-08	2.5E-13	1.5E-07	8.7E-04	4.8E-04	5.9E-07	1.4E-03
205-99-2	~Benzo[b]fluoranthene	0.451	0.451	0.451	1.4E-08	7.6E-09	3.7E-14	2.1E-08				
207-08-9	~Benzo[k]fluoranthene	0.146	0.146	0.146	4.5E-10	2.5E-10	1.2E-15	6.9E-10				
218-01-9	~Chrysene	0.323	0.323	0.323	9.9E-11	5.4E-11	2.7E-16	1.5E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0506	0.0506	0.0506	1.5E-08	8.5E-09	4.2E-14	2.4E-08				
206-44-0	~Fluoranthene	0.686	0.686	0.686					1.5E-05	8.1E-06		2.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.24	0.24	0.24	7.3E-09	4.0E-09	2.0E-14	1.1E-08				
129-00-0	~Pyrene	0.531	0.531	0.531					1.5E-05	8.3E-06		2.3E-05
108-88-3	Toluene	0.00145	0.00145	0.00145					1.6E-08		1.5E-08	3.0E-08
7440-62-2	Vanadium and Compounds	4.88	4.88	4.88					8.3E-04		1.9E-07	8.3E-04
7440-66-6	Zinc and Compounds	31	31	31					8.8E-05			8.8E-05
						Cumulative:		4.0E-07				1.2E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.0355	0.0355	0.0355					2.2E-07			2.2E-07
7440-38-2	Arsenic, Inorganic	0.547	0.547	0.547	3.0E-07	4.3E-08	5.0E-13	3.5E-07	6.0E-03	7.1E-04	2.1E-08	6.7E-03
7440-39-3	Barium	9.16	9.16	9.16					2.5E-04		1.1E-08	2.5E-04
105-60-2	Caprolactam	0.0558	0.0558	0.0558					6.1E-07	1.5E-07	1.5E-11	7.6E-07
16065-83-1	Chromium(III), Insoluble Salts	3.33	3.33	3.33					1.2E-05			1.2E-05
7440-48-4	Cobalt	2.22	2.22	2.22			4.3E-12	4.3E-12	4.1E-02		2.1E-07	4.1E-02
7440-50-8	Copper	5.01	5.01	5.01					6.9E-04			6.9E-04
7439-92-1	~Lead and Compounds	9.14	9.14	9.14					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	49.9	49.9	49.9					1.1E-02		5.8E-07	1.1E-02
7440-02-0	Nickel Soluble Salts	6.78	6.78	6.78			3.8E-13	3.8E-13	1.9E-03		3.9E-07	1.9E-03
14797-55-8	Nitrate (measured as nitrogen)	1.69	1.69	1.69					5.8E-06			5.8E-06
120-12-7	~Anthracene	0.0429	0.0429	0.0429					7.8E-07	2.4E-07		1.0E-06
56-55-3	~Benz[a]anthracene	0.288	0.288	0.288	8.1E-08	2.7E-08	1.3E-10	1.1E-07				
50-32-8	~Benzo[a]pyrene	0.306	0.306	0.306	8.6E-07	2.9E-07	1.1E-13	**1.1E-06**	5.6E-03	1.7E-03	8.8E-08	7.3E-03
205-99-2	~Benzo[b]fluoranthene	0.451	0.451	0.451	1.3E-07	4.2E-08	1.6E-14	1.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.146	0.146	0.146	4.1E-09	1.4E-09	5.2E-16	5.4E-09				
218-01-9	~Chrysene	0.323	0.323	0.323	9.0E-10	3.0E-10	1.2E-16	1.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0506	0.0506	0.0506	1.4E-07	4.7E-08	1.8E-14	1.9E-07				
206-44-0	~Fluoranthene	0.686	0.686	0.686					9.4E-05	2.9E-05		1.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.24	0.24	0.24	6.7E-08	2.2E-08	8.5E-15	9.0E-08				
129-00-0	~Pyrene	0.531	0.531	0.531					9.7E-05	3.0E-05		1.3E-04
108-88-3	Toluene	0.00145	0.00145	0.00145					9.9E-08		2.2E-09	1.0E-07
7440-62-2	Vanadium and Compounds	4.88	4.88	4.88					5.3E-03		2.8E-08	5.3E-03
7440-66-6	Zinc and Compounds	31	31	31					5.7E-04			5.7E-04
						Cumulative:		2.0E-06				7.5E-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
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:	1/22/2025
Prepared By:	Jonathan Olanin, Jennifer Petzold
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
0.0105	J	67-64-1	Acetone			mg/kg	SED-2									
0.672	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
14.2		7440-39-3	Barium			mg/kg	SED-2									
0.00305		75-15-0	Carbon Disulfide			mg/kg	SED-2									
2.78		7440-48-4	Cobalt			mg/kg	SED-2									
8.55		7440-50-8	Copper			mg/kg	SED-2									
13.3		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
68.7		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
8.48		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
1.64	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.349	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-2									
0.437		50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
0.724		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.246	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-2									
0.592		218-01-9	~Chrysene			mg/kg	SED-2									
0.078	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-2									
0.947		206-44-0	~Fluoranthene			mg/kg	SED-2									
0.367	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
0.762		129-00-0	~Pyrene			mg/kg	SED-2									
4.76		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
35.6		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	6.8E-06	2.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.4E-07	1.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.9E-06	9.5E-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
67-64-1	Acetone	0.0105	0.0105	0.0105					1.5E-07			1.5E-07
7440-38-2	Arsenic, Inorganic	0.672	0.672	0.672	8.7E-07	1.2E-07	1.7E-11	9.9E-07	1.7E-02	2.0E-03	7.2E-07	1.9E-02
7440-39-3	Barium	14.2	14.2	14.2					9.1E-04		4.6E-07	9.1E-04
75-15-0	Carbon Disulfide	0.00305	0.00305	0.00305					3.9E-07		1.3E-06	1.7E-06
7440-48-4	Cobalt	2.78	2.78	2.78			1.5E-10	1.5E-10	1.2E-01		7.5E-06	1.2E-01
7440-50-8	Copper	8.55	8.55	8.55					2.7E-03			2.7E-03
7439-92-1	~Lead and Compounds	13.3	13.3	13.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	68.7	68.7	68.7					3.7E-02		2.2E-05	3.7E-02
7440-02-0	Nickel Soluble Salts	8.48	8.48	8.48			1.3E-11	1.3E-11	5.4E-03		1.4E-05	5.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.64	1.64	1.64					1.3E-05			1.3E-05
56-55-3	~Benz[a]anthracene	0.349	0.349	0.349	2.3E-07	7.6E-08	4.4E-09	3.1E-07				
50-32-8	~Benzo[a]pyrene	0.437	0.437	0.437	**2.9E-06**	9.5E-07	4.4E-12	3.8E-06	1.9E-02	5.7E-03	3.5E-06	2.4E-02
205-99-2	~Benzo[b]fluoranthene	0.724	0.724	0.724	4.7E-07	1.6E-07	7.2E-13	6.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.246	0.246	0.246	1.6E-08	5.4E-09	2.5E-14	2.1E-08				
218-01-9	~Chrysene	0.592	0.592	0.592	3.9E-09	1.3E-09	5.9E-15	5.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.078	0.078	0.078	5.1E-07	1.7E-07	7.8E-13	6.8E-07				
206-44-0	~Fluoranthene	0.947	0.947	0.947					3.0E-04	9.3E-05		4.0E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.367	0.367	0.367	2.4E-07	8.0E-08	3.7E-13	3.2E-07				
129-00-0	~Pyrene	0.762	0.762	0.762					3.2E-04	1.0E-04		4.2E-04
7440-62-2	Vanadium and Compounds	4.76	4.76	4.76					1.2E-02		7.7E-07	1.2E-02
7440-66-6	Zinc and Compounds	35.6	35.6	35.6					1.5E-03			1.5E-03
						Cumulative:		6.8E-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
67-64-1	Acetone	0.0105	0.0105	0.0105					1.0E-08			1.0E-08
7440-38-2	Arsenic, Inorganic	0.672	0.672	0.672	1.8E-07	3.9E-08	4.0E-12	2.2E-07	1.2E-03	2.4E-04	1.7E-07	1.4E-03
7440-39-3	Barium	14.2	14.2	14.2					6.1E-05		1.1E-07	6.1E-05
75-15-0	Carbon Disulfide	0.00305	0.00305	0.00305					2.6E-08		3.2E-07	3.4E-07
7440-48-4	Cobalt	2.78	2.78	2.78			3.4E-11	3.4E-11	7.9E-03		1.8E-06	7.9E-03
7440-50-8	Copper	8.55	8.55	8.55					1.8E-04			1.8E-04
7439-92-1	~Lead and Compounds	13.3	13.3	13.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	68.7	68.7	68.7					2.5E-03		5.3E-06	2.5E-03
7440-02-0	Nickel Soluble Salts	8.48	8.48	8.48			3.0E-12	3.0E-12	3.6E-04		3.3E-06	3.7E-04
14797-55-8	Nitrate (measured as nitrogen)	1.64	1.64	1.64					8.8E-07			8.8E-07
56-55-3	~Benz[a]anthracene	0.349	0.349	0.349	1.1E-08	5.9E-09	3.6E-10	1.7E-08				
50-32-8	~Benzo[a]pyrene	0.437	0.437	0.437	1.3E-07	7.4E-08	3.6E-13	2.1E-07	1.2E-03	6.9E-04	8.4E-07	1.9E-03
205-99-2	~Benzo[b]fluoranthene	0.724	0.724	0.724	2.2E-08	1.2E-08	6.0E-14	3.4E-08				
207-08-9	~Benzo[k]fluoranthene	0.246	0.246	0.246	7.5E-10	4.1E-10	2.0E-15	1.2E-09				
218-01-9	~Chrysene	0.592	0.592	0.592	1.8E-10	1.0E-10	4.9E-16	2.8E-10				
53-70-3	~Dibenz[a,h]anthracene	0.078	0.078	0.078	2.4E-08	1.3E-08	6.4E-14	3.7E-08				
206-44-0	~Fluoranthene	0.947	0.947	0.947					2.0E-05	1.1E-05		3.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.367	0.367	0.367	1.1E-08	6.2E-09	3.0E-14	1.7E-08				
129-00-0	~Pyrene	0.762	0.762	0.762					2.2E-05	1.2E-05		3.4E-05
7440-62-2	Vanadium and Compounds	4.76	4.76	4.76					8.1E-04		1.8E-07	8.1E-04
7440-66-6	Zinc and Compounds	35.6	35.6	35.6					1.0E-04			1.0E-04
						Cumulative:		5.4E-07				1.5E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.0105	0.0105	0.0105					6.4E-08			6.4E-08
7440-38-2	Arsenic, Inorganic	0.672	0.672	0.672	3.7E-07	5.2E-08	6.2E-13	4.3E-07	7.4E-03	8.7E-04	2.6E-08	8.2E-03
7440-39-3	Barium	14.2	14.2	14.2					3.9E-04		1.6E-08	3.9E-04
75-15-0	Carbon Disulfide	0.00305	0.00305	0.00305					1.7E-07		4.7E-08	2.1E-07
7440-48-4	Cobalt	2.78	2.78	2.78			5.4E-12	5.4E-12	5.1E-02		2.7E-07	5.1E-02
7440-50-8	Copper	8.55	8.55	8.55					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	13.3	13.3	13.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	68.7	68.7	68.7					1.6E-02		7.9E-07	1.6E-02
7440-02-0	Nickel Soluble Salts	8.48	8.48	8.48			4.7E-13	4.7E-13	2.3E-03		4.9E-07	2.3E-03
14797-55-8	Nitrate (measured as nitrogen)	1.64	1.64	1.64					5.6E-06			5.6E-06
56-55-3	~Benz[a]anthracene	0.349	0.349	0.349	9.8E-08	3.3E-08	1.6E-10	1.3E-07				
50-32-8	~Benzo[a]pyrene	0.437	0.437	0.437	**1.2E-06**	4.1E-07	1.6E-13	**1.6E-06**	8.0E-03	2.5E-03	1.3E-07	1.0E-02
205-99-2	~Benzo[b]fluoranthene	0.724	0.724	0.724	2.0E-07	6.8E-08	2.6E-14	2.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.246	0.246	0.246	6.9E-09	2.3E-09	8.8E-16	9.2E-09				
218-01-9	~Chrysene	0.592	0.592	0.592	1.7E-09	5.5E-10	2.1E-16	2.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.078	0.078	0.078	2.2E-07	7.3E-08	2.8E-14	2.9E-07				
206-44-0	~Fluoranthene	0.947	0.947	0.947					1.3E-04	4.0E-05		1.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.367	0.367	0.367	1.0E-07	3.4E-08	1.3E-14	1.4E-07				
129-00-0	~Pyrene	0.762	0.762	0.762					1.4E-04	4.3E-05		1.8E-04
7440-62-2	Vanadium and Compounds	4.76	4.76	4.76					5.2E-03		2.7E-08	5.2E-03
7440-66-6	Zinc and Compounds	35.6	35.6	35.6					6.5E-04			6.5E-04
						Cumulative:		2.9E-06				9.5E-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
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:	1/22/2026
Prepared By:	Jonathan Olanin, Jennifer Petzold
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-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
0.0424		67-64-1	Acetone			mg/kg	SED-3									
1.28	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
24.5		7440-39-3	Barium			mg/kg	SED-3									
0.0793	J	105-60-2	Caprolactam			mg/kg	SED-3									
0.00324	J	75-15-0	Carbon Disulfide			mg/kg	SED-3									
3.96		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
2.09		7440-48-4	Cobalt			mg/kg	SED-3									
7.2		7440-50-8	Copper			mg/kg	SED-3									
27.2		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
58.8		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
5.54		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
5.3		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-3									
0.0534	J	120-12-7	~Anthracene			mg/kg	SED-3									
0.417		56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.479		50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.866		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.286	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-3									
0.733		218-01-9	~Chrysene			mg/kg	SED-3									
0.0913	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-3									
1.5		206-44-0	~Fluoranthene			mg/kg	SED-3									
0.385	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-3									
1.16		129-00-0	~Pyrene			mg/kg	SED-3									
5.14		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
53.1		7440-66-6	Zinc and Compounds			mg/kg	SED-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	8.3E-06	2.1E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.8E-07	1.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.6E-06	8.9E-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-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0424	0.0424	0.0424					6.0E-07			6.0E-07
7440-38-2	Arsenic, Inorganic	1.28	1.28	1.28	**1.7E-06**	2.3E-07	3.3E-11	1.9E-06	3.3E-02	3.9E-03	1.4E-06	3.7E-02
7440-39-3	Barium	24.5	24.5	24.5					1.6E-03		7.9E-07	1.6E-03
105-60-2	Caprolactam	0.0793	0.0793	0.0793					2.0E-06	4.8E-07	5.8E-10	2.5E-06
75-15-0	Carbon Disulfide	0.00324	0.00324	0.00324					4.1E-07		1.4E-06	1.8E-06
16065-83-1	Chromium(III), Insoluble Salts	3.96	3.96	3.96					3.4E-05			3.4E-05
7440-48-4	Cobalt	2.09	2.09	2.09			1.1E-10	1.1E-10	8.9E-02		5.6E-06	8.9E-02
7440-50-8	Copper	7.2	7.2	7.2					2.3E-03			2.3E-03
7439-92-1	~Lead and Compounds	27.2	27.2	27.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	58.8	58.8	58.8					3.1E-02		1.9E-05	3.1E-02
7440-02-0	Nickel Soluble Salts	5.54	5.54	5.54			8.6E-12	8.6E-12	3.5E-03		9.0E-06	3.6E-03
14797-55-8	Nitrate (measured as nitrogen)	5.3	5.3	5.3					4.2E-05			4.2E-05
120-12-7	~Anthracene	0.0534	0.0534	0.0534					2.3E-06	7.0E-07		3.0E-06
56-55-3	~Benz[a]anthracene	0.417	0.417	0.417	2.7E-07	9.1E-08	5.3E-09	3.7E-07				
50-32-8	~Benzo[a]pyrene	0.479	0.479	0.479	**3.1E-06**	**1.0E-06**	4.8E-12	4.2E-06	2.0E-02	6.3E-03	3.9E-06	2.7E-02
205-99-2	~Benzo[b]fluoranthene	0.866	0.866	0.866	5.7E-07	1.9E-07	8.6E-13	7.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.286	0.286	0.286	1.9E-08	6.2E-09	2.9E-14	2.5E-08				
218-01-9	~Chrysene	0.733	0.733	0.733	4.8E-09	1.6E-09	7.3E-15	6.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0913	0.0913	0.0913	6.0E-07	2.0E-07	9.1E-13	8.0E-07				
206-44-0	~Fluoranthene	1.5	1.5	1.5					4.8E-04	1.5E-04		6.3E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.385	0.385	0.385	2.5E-07	8.4E-08	3.8E-13	3.4E-07				
129-00-0	~Pyrene	1.16	1.16	1.16					4.9E-04	1.5E-04		6.5E-04
7440-62-2	Vanadium and Compounds	5.14	5.14	5.14					1.3E-02		8.3E-07	1.3E-02
7440-66-6	Zinc and Compounds	53.1	53.1	53.1					2.3E-03			2.3E-03
						Cumulative:		8.3E-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-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0424	0.0424	0.0424					4.0E-08			4.0E-08
7440-38-2	Arsenic, Inorganic	1.28	1.28	1.28	3.5E-07	7.5E-08	7.6E-12	4.3E-07	2.2E-03	4.6E-04	3.3E-07	2.7E-03
7440-39-3	Barium	24.5	24.5	24.5					1.0E-04		1.9E-07	1.1E-04
105-60-2	Caprolactam	0.0793	0.0793	0.0793					1.4E-07	5.7E-08	1.4E-10	1.9E-07
75-15-0	Carbon Disulfide	0.00324	0.00324	0.00324					2.8E-08		3.4E-07	3.6E-07
16065-83-1	Chromium(III), Insoluble Salts	3.96	3.96	3.96					2.3E-06			2.3E-06
7440-48-4	Cobalt	2.09	2.09	2.09			2.6E-11	2.6E-11	6.0E-03		1.3E-06	6.0E-03
7440-50-8	Copper	7.2	7.2	7.2					1.5E-04			1.5E-04
7439-92-1	~Lead and Compounds	27.2	27.2	27.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	58.8	58.8	58.8					2.1E-03		4.5E-06	2.1E-03
7440-02-0	Nickel Soluble Salts	5.54	5.54	5.54			2.0E-12	2.0E-12	2.4E-04		2.1E-06	2.4E-04
14797-55-8	Nitrate (measured as nitrogen)	5.3	5.3	5.3					2.8E-06			2.8E-06
120-12-7	~Anthracene	0.0534	0.0534	0.0534					1.5E-07	8.4E-08		2.4E-07
56-55-3	~Benz[a]anthracene	0.417	0.417	0.417	1.3E-08	7.0E-09	4.3E-10	2.0E-08				
50-32-8	~Benzo[a]pyrene	0.479	0.479	0.479	1.5E-07	8.1E-08	4.0E-13	2.3E-07	1.4E-03	7.5E-04	9.2E-07	2.1E-03
205-99-2	~Benzo[b]fluoranthene	0.866	0.866	0.866	2.6E-08	1.5E-08	7.1E-14	4.1E-08				
207-08-9	~Benzo[k]fluoranthene	0.286	0.286	0.286	8.7E-10	4.8E-10	2.4E-15	1.4E-09				
218-01-9	~Chrysene	0.733	0.733	0.733	2.2E-10	1.2E-10	6.0E-16	3.5E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0913	0.0913	0.0913	2.8E-08	1.5E-08	7.5E-14	4.3E-08				
206-44-0	~Fluoranthene	1.5	1.5	1.5					3.2E-05	1.8E-05		5.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.385	0.385	0.385	1.2E-08	6.5E-09	3.2E-14	1.8E-08				
129-00-0	~Pyrene	1.16	1.16	1.16					3.3E-05	1.8E-05		5.1E-05
7440-62-2	Vanadium and Compounds	5.14	5.14	5.14					8.7E-04		2.0E-07	8.7E-04
7440-66-6	Zinc and Compounds	53.1	53.1	53.1					1.5E-04			1.5E-04
						Cumulative:		7.8E-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-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0424	0.0424	0.0424					2.6E-07			2.6E-07
7440-38-2	Arsenic, Inorganic	1.28	1.28	1.28	7.1E-07	1.0E-07	1.2E-12	8.1E-07	1.4E-02	1.7E-03	4.9E-08	1.6E-02
7440-39-3	Barium	24.5	24.5	24.5					6.7E-04		2.8E-08	6.7E-04
105-60-2	Caprolactam	0.0793	0.0793	0.0793					8.7E-07	2.1E-07	2.1E-11	1.1E-06
75-15-0	Carbon Disulfide	0.00324	0.00324	0.00324					1.8E-07		5.0E-08	2.3E-07
16065-83-1	Chromium(III), Insoluble Salts	3.96	3.96	3.96					1.4E-05			1.4E-05
7440-48-4	Cobalt	2.09	2.09	2.09			4.0E-12	4.0E-12	3.8E-02		2.0E-07	3.8E-02
7440-50-8	Copper	7.2	7.2	7.2					9.9E-04			9.9E-04
7439-92-1	~Lead and Compounds	27.2	27.2	27.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	58.8	58.8	58.8					1.3E-02		6.8E-07	1.3E-02
7440-02-0	Nickel Soluble Salts	5.54	5.54	5.54			3.1E-13	3.1E-13	1.5E-03		3.2E-07	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	5.3	5.3	5.3					1.8E-05			1.8E-05
120-12-7	~Anthracene	0.0534	0.0534	0.0534					9.8E-07	3.0E-07		1.3E-06
56-55-3	~Benz[a]anthracene	0.417	0.417	0.417	1.2E-07	3.9E-08	1.9E-10	1.6E-07				
50-32-8	~Benzo[a]pyrene	0.479	0.479	0.479	**1.3E-06**	4.5E-07	1.7E-13	**1.8E-06**	8.7E-03	2.7E-03	1.4E-07	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.866	0.866	0.866	2.4E-07	8.1E-08	3.1E-14	3.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.286	0.286	0.286	8.0E-09	2.7E-09	1.0E-15	1.1E-08				
218-01-9	~Chrysene	0.733	0.733	0.733	2.1E-09	6.8E-10	2.6E-16	2.7E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0913	0.0913	0.0913	2.6E-07	8.5E-08	3.3E-14	3.4E-07				
206-44-0	~Fluoranthene	1.5	1.5	1.5					2.1E-04	6.3E-05		2.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.385	0.385	0.385	1.1E-07	3.6E-08	1.4E-14	1.4E-07				
129-00-0	~Pyrene	1.16	1.16	1.16					2.1E-04	6.5E-05		2.8E-04
7440-62-2	Vanadium and Compounds	5.14	5.14	5.14					5.6E-03		3.0E-08	5.6E-03
7440-66-6	Zinc and Compounds	53.1	53.1	53.1					9.7E-04			9.7E-04
						Cumulative:		3.6E-06				8.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	1/22/2026
Prepared By:	Jonathan Olanin, Jennifer Petzold
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:

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
0.0303		67-64-1	Acetone			mg/kg	SED-4									
1.14	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
9.5		7440-39-3	Barium			mg/kg	SED-4									
0.163	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
1.96		7440-48-4	Cobalt			mg/kg	SED-4									
5.63		7440-50-8	Copper			mg/kg	SED-4									
16.2		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
69		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
5.36		7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
1.18	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4									
0.0592	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-4									
0.0903	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-4									
0.152	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.0481	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-4									
0.108	J	218-01-9	~Chrysene			mg/kg	SED-4									
0.158	J	206-44-0	~Fluoranthene			mg/kg	SED-4									
0.076	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-4									
0.129	J	129-00-0	~Pyrene			mg/kg	SED-4									
0.465	J	7782-49-2	Selenium			mg/kg	SED-4									
7.88		7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
72.2		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	2.7E-06	1.9E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.4E-07	1.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.2E-06	8.1E-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-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0303	0.0303	0.0303					4.3E-07			4.3E-07
7440-38-2	Arsenic, Inorganic	1.14	1.14	1.14	**1.5E-06**	2.1E-07	2.9E-11	1.7E-06	2.9E-02	3.5E-03	1.2E-06	3.3E-02
7440-39-3	Barium	9.5	9.5	9.5					6.1E-04		3.1E-07	6.1E-04
7440-41-7	Beryllium and compounds	0.163	0.163	0.163			2.3E-12	2.3E-12	1.0E-03		1.3E-07	1.0E-03
7440-48-4	Cobalt	1.96	1.96	1.96			1.1E-10	1.1E-10	8.4E-02		5.3E-06	8.4E-02
7440-50-8	Copper	5.63	5.63	5.63					1.8E-03			1.8E-03
7439-92-1	~Lead and Compounds	16.2	16.2	16.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69	69	69					3.7E-02		2.2E-05	3.7E-02
7440-02-0	Nickel Soluble Salts	5.36	5.36	5.36			8.4E-12	8.4E-12	3.4E-03		8.7E-06	3.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.18	1.18	1.18					9.4E-06			9.4E-06
56-55-3	~Benz[a]anthracene	0.0592	0.0592	0.0592	3.9E-08	1.3E-08	7.5E-10	5.2E-08				
50-32-8	~Benzo[a]pyrene	0.0903	0.0903	0.0903	5.9E-07	2.0E-07	9.0E-13	7.9E-07	3.8E-03	1.2E-03	7.3E-07	5.0E-03
205-99-2	~Benzo[b]fluoranthene	0.152	0.152	0.152	9.9E-08	3.3E-08	1.5E-13	1.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.0481	0.0481	0.0481	3.1E-09	1.0E-09	4.8E-15	4.2E-09				
218-01-9	~Chrysene	0.108	0.108	0.108	7.1E-10	2.4E-10	1.1E-15	9.4E-10				
206-44-0	~Fluoranthene	0.158	0.158	0.158					5.1E-05	1.6E-05		6.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.076	0.076	0.076	5.0E-08	1.7E-08	7.6E-14	6.6E-08				
129-00-0	~Pyrene	0.129	0.129	0.129					5.5E-05	1.7E-05		7.2E-05
7782-49-2	Selenium	0.465	0.465	0.465					1.2E-03		3.8E-10	1.2E-03
7440-62-2	Vanadium and Compounds	7.88	7.88	7.88					2.0E-02		1.3E-06	2.0E-02
7440-66-6	Zinc and Compounds	72.2	72.2	72.2					3.1E-03			3.1E-03
						Cumulative:		2.7E-06				1.9E-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-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0303	0.0303	0.0303					2.9E-08			2.9E-08
7440-38-2	Arsenic, Inorganic	1.14	1.14	1.14	3.1E-07	6.6E-08	6.7E-12	3.8E-07	2.0E-03	4.1E-04	2.9E-07	2.4E-03
7440-39-3	Barium	9.5	9.5	9.5					4.1E-05		7.3E-08	4.1E-05
7440-41-7	Beryllium and compounds	0.163	0.163	0.163			5.4E-13	5.4E-13	7.0E-05		3.1E-08	7.0E-05
7440-48-4	Cobalt	1.96	1.96	1.96			2.4E-11	2.4E-11	5.6E-03		1.3E-06	5.6E-03
7440-50-8	Copper	5.63	5.63	5.63					1.2E-04			1.2E-04
7439-92-1	~Lead and Compounds	16.2	16.2	16.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69	69	69					2.5E-03		5.3E-06	2.5E-03
7440-02-0	Nickel Soluble Salts	5.36	5.36	5.36			1.9E-12	1.9E-12	2.3E-04		2.1E-06	2.3E-04
14797-55-8	Nitrate (measured as nitrogen)	1.18	1.18	1.18					6.3E-07			6.3E-07
56-55-3	~Benz[a]anthracene	0.0592	0.0592	0.0592	1.8E-09	1.0E-09	6.2E-11	2.9E-09				
50-32-8	~Benzo[a]pyrene	0.0903	0.0903	0.0903	2.8E-08	1.5E-08	7.4E-14	4.3E-08	2.6E-04	1.4E-04	1.7E-07	4.0E-04
205-99-2	~Benzo[b]fluoranthene	0.152	0.152	0.152	4.6E-09	2.6E-09	1.3E-14	7.2E-09				
207-08-9	~Benzo[k]fluoranthene	0.0481	0.0481	0.0481	1.5E-10	8.1E-11	4.0E-16	2.3E-10				
218-01-9	~Chrysene	0.108	0.108	0.108	3.3E-11	1.8E-11	8.9E-17	5.1E-11				
206-44-0	~Fluoranthene	0.158	0.158	0.158					3.4E-06	1.9E-06		5.2E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.076	0.076	0.076	2.3E-09	1.3E-09	6.3E-15	3.6E-09				
129-00-0	~Pyrene	0.129	0.129	0.129					3.7E-06	2.0E-06		5.7E-06
7782-49-2	Selenium	0.465	0.465	0.465					8.0E-05		8.9E-11	8.0E-05
7440-62-2	Vanadium and Compounds	7.88	7.88	7.88					1.3E-03		3.0E-07	1.3E-03
7440-66-6	Zinc and Compounds	72.2	72.2	72.2					2.1E-04			2.1E-04
						Cumulative:		4.4E-07				1.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	0.0303	0.0303	0.0303					1.8E-07			1.8E-07
7440-38-2	Arsenic, Inorganic	1.14	1.14	1.14	6.3E-07	8.9E-08	1.1E-12	7.2E-07	1.2E-02	1.5E-03	4.4E-08	1.4E-02
7440-39-3	Barium	9.5	9.5	9.5					2.6E-04		1.1E-08	2.6E-04
7440-41-7	Beryllium and compounds	0.163	0.163	0.163			8.4E-14	8.4E-14	4.5E-04		4.7E-09	4.5E-04
7440-48-4	Cobalt	1.96	1.96	1.96			3.8E-12	3.8E-12	3.6E-02		1.9E-07	3.6E-02
7440-50-8	Copper	5.63	5.63	5.63					7.7E-04			7.7E-04
7439-92-1	~Lead and Compounds	16.2	16.2	16.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69	69	69					1.6E-02		8.0E-07	1.6E-02
7440-02-0	Nickel Soluble Salts	5.36	5.36	5.36			3.0E-13	3.0E-13	1.5E-03		3.1E-07	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.18	1.18	1.18					4.0E-06			4.0E-06
56-55-3	~Benz[a]anthracene	0.0592	0.0592	0.0592	1.7E-08	5.5E-09	2.7E-11	2.2E-08				
50-32-8	~Benzo[a]pyrene	0.0903	0.0903	0.0903	2.5E-07	8.4E-08	3.2E-14	3.4E-07	1.6E-03	5.1E-04	2.6E-08	2.2E-03
205-99-2	~Benzo[b]fluoranthene	0.152	0.152	0.152	4.3E-08	1.4E-08	5.4E-15	5.7E-08				
207-08-9	~Benzo[k]fluoranthene	0.0481	0.0481	0.0481	1.3E-09	4.5E-10	1.7E-16	1.8E-09				
218-01-9	~Chrysene	0.108	0.108	0.108	3.0E-10	1.0E-10	3.8E-17	4.0E-10				
206-44-0	~Fluoranthene	0.158	0.158	0.158					2.2E-05	6.7E-06		2.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.076	0.076	0.076	2.1E-08	7.1E-09	2.7E-15	2.8E-08				
129-00-0	~Pyrene	0.129	0.129	0.129					2.4E-05	7.3E-06		3.1E-05
7782-49-2	Selenium	0.465	0.465	0.465					5.1E-04		1.3E-11	5.1E-04
7440-62-2	Vanadium and Compounds	7.88	7.88	7.88					8.6E-03		4.5E-08	8.6E-03
7440-66-6	Zinc and Compounds	72.2	72.2	72.2					1.3E-03			1.3E-03
						Cumulative:		1.2E-06				8.1E-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-5 and SED-DUP Risk Assessment
Submittal Date:	1/22/2026
Prepared By:	Jonathan Olanin, Jennifer Petzold
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 and SED-DUP Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Duplicate sample taken at SED-5. Value of highest concentration was input into the Risk Calculator

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0148		67-64-1	Acetone			mg/kg	SED-5									
1.45	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
12.3		7440-39-3	Barium			mg/kg	SED-5									
0.197	J	105-60-2	Caprolactam			mg/kg	SED-DUP									
0.00129	J*1	75-15-0	Carbon Disulfide			mg/kg	SED-5									
4.78		16065-83-1b	Chromium(III) (Soluble Compounds)			mg/kg	SED-DUP									
0.175	J	18540-29-9	Chromium(VI)			mg/kg	SED-5									
2.95		7440-48-4	Cobalt			mg/kg	SED-5									
8.73		7440-50-8	Copper			mg/kg	SED-5									
7.87		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
69.9		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
9.54		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
1.79	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5									
0.303	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-DUP									
0.383		50-32-8	~Benzo[a]pyrene			mg/kg	SED-DUP									
0.726		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-DUP									
0.251	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-DUP									
0.614		218-01-9	~Chrysene			mg/kg	SED-DUP									
0.072	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-DUP									
1.3		206-44-0	~Fluoranthene			mg/kg	SED-DUP									
0.356	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-DUP									
0.95		129-00-0	~Pyrene			mg/kg	SED-DUP									
0.868	J	7782-49-2	Selenium			mg/kg	SED-5									
4.45		7440-62-2	Vanadium and Compounds			mg/kg	SED-DUP									
54		7440-66-6	Zinc and Compounds			mg/kg	SED-DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 and SED-DUP Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	7.5E-06	2.5E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.8E-07	1.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.2E-06	1.1E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	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 and SED-DUP 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	0.0148	0.0148	0.0148					2.1E-07			2.1E-07
7440-38-2	Arsenic, Inorganic	1.45	1.45	1.45	**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	12.3	12.3	12.3					7.9E-04		4.0E-07	7.9E-04
105-60-2	Caprolactam	0.197	0.197	0.197					5.0E-06	1.2E-06	1.4E-09	6.2E-06
75-15-0	Carbon Disulfide	0.00129	0.00129	0.00129					1.6E-07		5.6E-07	7.3E-07
16065-83-1b	Chromium(III) (Soluble Compounds)	4.78	4.78	4.78							1.3E-06	1.3E-06
18540-29-9	Chromium(VI)	0.175	0.175	0.175	1.8E-07		3.2E-11	1.8E-07	2.5E-03		9.4E-08	2.5E-03
7440-48-4	Cobalt	2.95	2.95	2.95			1.6E-10	1.6E-10	1.3E-01		7.9E-06	1.3E-01
7440-50-8	Copper	8.73	8.73	8.73					2.8E-03			2.8E-03
7439-92-1	~Lead and Compounds	7.87	7.87	7.87					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69.9	69.9	69.9					3.7E-02		2.3E-05	3.7E-02
7440-02-0	Nickel Soluble Salts	9.54	9.54	9.54			1.5E-11	1.5E-11	6.1E-03		1.5E-05	6.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1.79	1.79	1.79					1.4E-05			1.4E-05
56-55-3	~Benz[a]anthracene	0.303	0.303	0.303	2.0E-07	6.6E-08	3.8E-09	2.7E-07				
50-32-8	~Benzo[a]pyrene	0.383	0.383	0.383	**2.5E-06**	8.3E-07	3.8E-12	3.3E-06	1.6E-02	5.0E-03	3.1E-06	2.1E-02
205-99-2	~Benzo[b]fluoranthene	0.726	0.726	0.726	4.7E-07	1.6E-07	7.2E-13	6.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.251	0.251	0.251	1.6E-08	5.5E-09	2.5E-14	2.2E-08				
218-01-9	~Chrysene	0.614	0.614	0.614	4.0E-09	1.3E-09	6.1E-15	5.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.072	0.072	0.072	4.7E-07	1.6E-07	7.2E-13	6.3E-07				
206-44-0	~Fluoranthene	1.3	1.3	1.3					4.2E-04	1.3E-04		5.4E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.356	0.356	0.356	2.3E-07	7.8E-08	3.6E-13	3.1E-07				
129-00-0	~Pyrene	0.95	0.95	0.95					4.0E-04	1.2E-04		5.3E-04
7782-49-2	Selenium	0.868	0.868	0.868					2.2E-03		7.0E-10	2.2E-03
7440-62-2	Vanadium and Compounds	4.45	4.45	4.45					1.1E-02		7.2E-07	1.1E-02
7440-66-6	Zinc and Compounds	54	54	54					2.3E-03			2.3E-03
						Cumulative:		7.5E-06				2.5E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 and SED-DUP 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	0.0148	0.0148	0.0148					1.4E-08			1.4E-08
7440-38-2	Arsenic, Inorganic	1.45	1.45	1.45	4.0E-07	8.4E-08	8.6E-12	4.8E-07	2.5E-03	5.3E-04	3.7E-07	3.0E-03
7440-39-3	Barium	12.3	12.3	12.3					5.3E-05		9.5E-08	5.3E-05
105-60-2	Caprolactam	0.197	0.197	0.197					3.4E-07	1.4E-07	3.4E-10	4.8E-07
75-15-0	Carbon Disulfide	0.00129	0.00129	0.00129					1.1E-08		1.3E-07	1.4E-07
16065-83-1b	Chromium(III) (Soluble Compounds)	4.78	4.78	4.78							3.1E-07	3.1E-07
18540-29-9	Chromium(VI)	0.175	0.175	0.175	8.6E-09		2.6E-12	8.6E-09	1.7E-04		2.2E-08	1.7E-04
7440-48-4	Cobalt	2.95	2.95	2.95			3.6E-11	3.6E-11	8.4E-03		1.9E-06	8.4E-03
7440-50-8	Copper	8.73	8.73	8.73					1.9E-04			1.9E-04
7439-92-1	~Lead and Compounds	7.87	7.87	7.87					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69.9	69.9	69.9					2.5E-03		5.4E-06	2.5E-03
7440-02-0	Nickel Soluble Salts	9.54	9.54	9.54			3.4E-12	3.4E-12	4.1E-04		3.7E-06	4.1E-04
14797-55-8	Nitrate (measured as nitrogen)	1.79	1.79	1.79					9.6E-07			9.6E-07
56-55-3	~Benz[a]anthracene	0.303	0.303	0.303	9.3E-09	5.1E-09	3.2E-10	1.5E-08				
50-32-8	~Benzo[a]pyrene	0.383	0.383	0.383	1.2E-07	6.4E-08	3.2E-13	1.8E-07	1.1E-03	6.0E-04	7.4E-07	1.7E-03
205-99-2	~Benzo[b]fluoranthene	0.726	0.726	0.726	2.2E-08	1.2E-08	6.0E-14	3.4E-08				
207-08-9	~Benzo[k]fluoranthene	0.251	0.251	0.251	7.7E-10	4.2E-10	2.1E-15	1.2E-09				
218-01-9	~Chrysene	0.614	0.614	0.614	1.9E-10	1.0E-10	5.1E-16	2.9E-10				
53-70-3	~Dibenz[a,h]anthracene	0.072	0.072	0.072	2.2E-08	1.2E-08	5.9E-14	3.4E-08				
206-44-0	~Fluoranthene	1.3	1.3	1.3					2.8E-05	1.5E-05		4.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.356	0.356	0.356	1.1E-08	6.0E-09	2.9E-14	1.7E-08				
129-00-0	~Pyrene	0.95	0.95	0.95					2.7E-05	1.5E-05		4.2E-05
7782-49-2	Selenium	0.868	0.868	0.868					1.5E-04		1.7E-10	1.5E-04
7440-62-2	Vanadium and Compounds	4.45	4.45	4.45					7.6E-04		1.7E-07	7.6E-04
7440-66-6	Zinc and Compounds	54	54	54					1.5E-04			1.5E-04
						Cumulative:		7.8E-07				1.8E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 and SED-DUP 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	0.0148	0.0148	0.0148					9.0E-08			9.0E-08
7440-38-2	Arsenic, Inorganic	1.45	1.45	1.45	8.0E-07	1.1E-07	1.3E-12	9.2E-07	1.6E-02	1.9E-03	5.6E-08	1.8E-02
7440-39-3	Barium	12.3	12.3	12.3					3.4E-04		1.4E-08	3.4E-04
105-60-2	Caprolactam	0.197	0.197	0.197					2.2E-06	5.1E-07	5.2E-11	2.7E-06
75-15-0	Carbon Disulfide	0.00129	0.00129	0.00129					7.1E-08		2.0E-08	9.1E-08
16065-83-1b	Chromium(III) (Soluble Compounds)	4.78	4.78	4.78							4.6E-08	4.6E-08
18540-29-9	Chromium(VI)	0.175	0.175	0.175	7.8E-08		1.1E-12	7.8E-08	1.1E-03		3.4E-09	1.1E-03
7440-48-4	Cobalt	2.95	2.95	2.95			5.7E-12	5.7E-12	5.4E-02		2.8E-07	5.4E-02
7440-50-8	Copper	8.73	8.73	8.73					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	7.87	7.87	7.87					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	69.9	69.9	69.9					1.6E-02		8.1E-07	1.6E-02
7440-02-0	Nickel Soluble Salts	9.54	9.54	9.54			5.3E-13	5.3E-13	2.6E-03		5.5E-07	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.79	1.79	1.79					6.1E-06			6.1E-06
56-55-3	~Benz[a]anthracene	0.303	0.303	0.303	8.5E-08	2.8E-08	1.4E-10	1.1E-07				
50-32-8	~Benzo[a]pyrene	0.383	0.383	0.383	**1.1E-06**	3.6E-07	1.4E-13	**1.4E-06**	7.0E-03	2.2E-03	1.1E-07	9.2E-03
205-99-2	~Benzo[b]fluoranthene	0.726	0.726	0.726	2.0E-07	6.8E-08	2.6E-14	2.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.251	0.251	0.251	7.0E-09	2.3E-09	8.9E-16	9.4E-09				
218-01-9	~Chrysene	0.614	0.614	0.614	1.7E-09	5.7E-10	2.2E-16	2.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.072	0.072	0.072	2.0E-07	6.7E-08	2.6E-14	2.7E-07				
206-44-0	~Fluoranthene	1.3	1.3	1.3					1.8E-04	5.5E-05		2.3E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.356	0.356	0.356	1.0E-07	3.3E-08	1.3E-14	1.3E-07				
129-00-0	~Pyrene	0.95	0.95	0.95					1.7E-04	5.4E-05		2.3E-04
7782-49-2	Selenium	0.868	0.868	0.868					9.5E-04		2.5E-11	9.5E-04
7440-62-2	Vanadium and Compounds	4.45	4.45	4.45					4.8E-03		2.6E-08	4.8E-03
7440-66-6	Zinc and Compounds	54	54	54					9.9E-04			9.9E-04
						Cumulative:		3.2E-06				1.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	1/22/2026
Prepared By:	Jonathan Olanin, Jennifer Petzold
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:

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
0.248		67-64-1	Acetone			mg/kg	SED-6									
0.241	J	7440-36-0	Antimony (metallic)			mg/kg	SED-6									
3.57	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
120		7440-39-3	Barium			mg/kg	SED-6									
0.0715	J	100-52-7	Benzaldehyde			mg/kg	SED-6									
0.476	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.158	J	105-60-2	Caprolactam			mg/kg	SED-6									
15.3		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-6									
0.87	J	18540-29-9	Chromium(VI)			mg/kg	SED-6									
8.95		7440-48-4	Cobalt			mg/kg	SED-6									
67.2		7440-50-8	Copper			mg/kg	SED-6									
95.1		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
488		7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
0.0199	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-6									
24.1		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
2.38	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6									
0.474	J	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-6									
0.194	J	120-12-7	~Anthracene			mg/kg	SED-6									
1.74		56-55-3	~Benz[a]anthracene			mg/kg	SED-6									
1.96		50-32-8	~Benzo[a]pyrene			mg/kg	SED-6									
3.42		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
1.06		207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-6									
2.6		218-01-9	~Chrysene			mg/kg	SED-6									
0.353	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-6									
5.15		206-44-0	~Fluoranthene			mg/kg	SED-6									
0.0617	J	86-73-7	~Fluorene			mg/kg	SED-6									
1.49		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-6									
4.08		129-00-0	~Pyrene			mg/kg	SED-6									
2.66	J	7782-49-2	Selenium			mg/kg	SED-6									
0.944		7440-22-4	Silver			mg/kg	SED-6									
0.0952	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-6									
19		7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
281		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	3.2E-05	1.1E+00	YES
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.7E-06	7.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.4E-05	4.8E-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	0.248	0.248	0.248					3.5E-06			3.5E-06
7440-36-0	Antimony (metallic)	0.241	0.241	0.241					7.7E-03		1.3E-08	7.7E-03
7440-38-2	Arsenic, Inorganic	3.57	3.57	3.57	**4.6E-06**	6.5E-07	9.2E-11	5.3E-06	9.1E-02	1.1E-02	3.8E-06	1.0E-01
7440-39-3	Barium	120	120	120					7.7E-03		3.9E-06	7.7E-03
100-52-7	Benzaldehyde	0.0715	0.0715	0.0715	4.1E-10			4.1E-10	9.1E-06			9.1E-06
7440-41-7	Beryllium and compounds	0.476	0.476	0.476			6.9E-12	6.9E-12	3.0E-03		3.8E-07	3.0E-03
105-60-2	Caprolactam	0.158	0.158	0.158					4.0E-06	9.6E-07	1.2E-09	5.0E-06
16065-83-1	Chromium(III), Insoluble Salts	15.3	15.3	15.3					1.3E-04			1.3E-04
18540-29-9	Chromium(VI)	0.87	0.87	0.87	9.1E-07		1.6E-10	9.1E-07	1.2E-02		4.7E-07	1.2E-02
7440-48-4	Cobalt	8.95	8.95	8.95			4.8E-10	4.8E-10	**3.8E-01**		2.4E-05	**3.8E-01**
7440-50-8	Copper	67.2	67.2	67.2					2.1E-02			2.1E-02
7439-92-1	~Lead and Compounds	95.1	95.1	95.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	488	488	488					**2.6E-01**		1.6E-04	**2.6E-01**
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0199	0.0199	0.0199					4.2E-07		2.9E-07	7.2E-07
7440-02-0	Nickel Soluble Salts	24.1	24.1	24.1			3.8E-11	3.8E-11	1.5E-02		3.9E-05	1.5E-02
14797-55-8	Nitrate (measured as nitrogen)	2.38	2.38	2.38					1.9E-05			1.9E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	0.474	0.474	0.474	9.5E-09	2.7E-09	6.8E-15	1.2E-08	3.0E-04	7.2E-05		3.7E-04
120-12-7	~Anthracene	0.194	0.194	0.194					8.3E-06	2.6E-06		1.1E-05
56-55-3	~Benz[a]anthracene	1.74	1.74	1.74	**1.1E-06**	3.8E-07	2.2E-08	1.5E-06				
50-32-8	~Benzo[a]pyrene	1.96	1.96	1.96	**1.3E-05**	**4.3E-06**	2.0E-11	1.7E-05	8.4E-02	2.6E-02	1.6E-05	1.1E-01
205-99-2	~Benzo[b]fluoranthene	3.42	3.42	3.42	**2.2E-06**	7.5E-07	3.4E-12	3.0E-06				
207-08-9	~Benzo[k]fluoranthene	1.06	1.06	1.06	6.9E-08	2.3E-08	1.1E-13	9.2E-08				
218-01-9	~Chrysene	2.6	2.6	2.6	1.7E-08	5.7E-09	2.6E-14	2.3E-08				
53-70-3	~Dibenz[a,h]anthracene	0.353	0.353	0.353	**2.3E-06**	7.7E-07	3.5E-12	3.1E-06				
206-44-0	~Fluoranthene	5.15	5.15	5.15					1.6E-03	5.1E-04		2.2E-03
86-73-7	~Fluorene	0.0617	0.0617	0.0617					2.0E-05	6.1E-06		2.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	1.49	1.49	1.49	9.7E-07	3.2E-07	1.5E-12	1.3E-06				
129-00-0	~Pyrene	4.08	4.08	4.08					1.7E-03	5.4E-04		2.3E-03
7782-49-2	Selenium	2.66	2.66	2.66					6.8E-03		2.1E-09	6.8E-03
7440-22-4	Silver	0.944	0.944	0.944					2.4E-03			2.4E-03
7440-28-0	Thallium (Soluble Salts)	0.0952	0.0952	0.0952					1.2E-01			1.2E-01
7440-62-2	Vanadium and Compounds	19	19	19					4.8E-02		3.1E-06	4.8E-02
7440-66-6	Zinc and Compounds	281	281	281					1.2E-02			1.2E-02
						Cumulative:		3.2E-05				**1.1E+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-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	0.248	0.248	0.248					2.4E-07			2.4E-07
7440-36-0	Antimony (metallic)	0.241	0.241	0.241					5.2E-04		3.1E-09	5.2E-04
7440-38-2	Arsenic, Inorganic	3.57	3.57	3.57	9.8E-07	2.1E-07	2.1E-11	**1.2E-06**	6.1E-03	1.3E-03	9.2E-07	7.4E-03
7440-39-3	Barium	120	120	120					5.1E-04		9.2E-07	5.1E-04
100-52-7	Benzaldehyde	0.0715	0.0715	0.0715	8.7E-11			8.7E-11	6.1E-07			6.1E-07
7440-41-7	Beryllium and compounds	0.476	0.476	0.476			1.6E-12	1.6E-12	2.0E-04		9.2E-08	2.0E-04
105-60-2	Caprolactam	0.158	0.158	0.158					2.7E-07	1.1E-07	2.8E-10	3.9E-07
16065-83-1	Chromium(III), Insoluble Salts	15.3	15.3	15.3					8.7E-06			8.7E-06
18540-29-9	Chromium(VI)	0.87	0.87	0.87	4.3E-08		1.3E-11	4.3E-08	8.3E-04		1.1E-07	8.3E-04
7440-48-4	Cobalt	8.95	8.95	8.95			1.1E-10	1.1E-10	2.6E-02		5.7E-06	2.6E-02
7440-50-8	Copper	67.2	67.2	67.2					1.4E-03			1.4E-03
7439-92-1	~Lead and Compounds	95.1	95.1	95.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	488	488	488					1.7E-02		3.8E-05	1.7E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0199	0.0199	0.0199					2.8E-08		7.0E-08	9.8E-08
7440-02-0	Nickel Soluble Salts	24.1	24.1	24.1			8.6E-12	8.6E-12	1.0E-03		9.3E-06	1.0E-03
14797-55-8	Nitrate (measured as nitrogen)	2.38	2.38	2.38					1.3E-06			1.3E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.474	0.474	0.474	2.0E-09	8.6E-10	1.6E-15	2.9E-09	2.0E-05	8.6E-06		2.9E-05
120-12-7	~Anthracene	0.194	0.194	0.194					5.5E-07	3.0E-07		8.6E-07
56-55-3	~Benz[a]anthracene	1.74	1.74	1.74	5.3E-08	2.9E-08	1.8E-09	8.4E-08				
50-32-8	~Benzo[a]pyrene	1.96	1.96	1.96	6.0E-07	3.3E-07	1.6E-12	9.3E-07	5.6E-03	3.1E-03	3.8E-06	8.7E-03
205-99-2	~Benzo[b]fluoranthene	3.42	3.42	3.42	1.0E-07	5.8E-08	2.8E-13	1.6E-07				
207-08-9	~Benzo[k]fluoranthene	1.06	1.06	1.06	3.2E-09	1.8E-09	8.7E-15	5.0E-09				
218-01-9	~Chrysene	2.6	2.6	2.6	8.0E-10	4.4E-10	2.1E-15	1.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.353	0.353	0.353	1.1E-07	5.9E-08	2.9E-13	1.7E-07				
206-44-0	~Fluoranthene	5.15	5.15	5.15					1.1E-04	6.1E-05		1.7E-04
86-73-7	~Fluorene	0.0617	0.0617	0.0617					1.3E-06	7.3E-07		2.0E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	1.49	1.49	1.49	4.6E-08	2.5E-08	1.2E-13	7.1E-08				
129-00-0	~Pyrene	4.08	4.08	4.08					1.2E-04	6.4E-05		1.8E-04
7782-49-2	Selenium	2.66	2.66	2.66					4.6E-04		5.1E-10	4.6E-04
7440-22-4	Silver	0.944	0.944	0.944					1.6E-04			1.6E-04
7440-28-0	Thallium (Soluble Salts)	0.0952	0.0952	0.0952					8.2E-03			8.2E-03
7440-62-2	Vanadium and Compounds	19	19	19					3.2E-03		7.3E-07	3.2E-03
7440-66-6	Zinc and Compounds	281	281	281					8.0E-04			8.0E-04
						Cumulative:		2.7E-06				7.7E-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-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	0.248	0.248	0.248					1.5E-06			1.5E-06
7440-36-0	Antimony (metallic)	0.241	0.241	0.241					3.3E-03		4.6E-10	3.3E-03
7440-38-2	Arsenic, Inorganic	3.57	3.57	3.57	**2.0E-06**	2.8E-07	3.3E-12	**2.3E-06**	3.9E-02	4.6E-03	1.4E-07	4.4E-02
7440-39-3	Barium	120	120	120					3.3E-03		1.4E-07	3.3E-03
100-52-7	Benzaldehyde	0.0715	0.0715	0.0715	1.8E-10			1.8E-10	3.9E-06			3.9E-06
7440-41-7	Beryllium and compounds	0.476	0.476	0.476			2.4E-13	2.4E-13	1.3E-03		1.4E-08	1.3E-03
105-60-2	Caprolactam	0.158	0.158	0.158					1.7E-06	4.1E-07	4.1E-11	2.1E-06
16065-83-1	Chromium(III), Insoluble Salts	15.3	15.3	15.3					5.6E-05			5.6E-05
18540-29-9	Chromium(VI)	0.87	0.87	0.87	3.9E-07		5.7E-12	3.9E-07	5.3E-03		1.7E-08	5.3E-03
7440-48-4	Cobalt	8.95	8.95	8.95			1.7E-11	1.7E-11	1.6E-01		8.6E-07	1.6E-01
7440-50-8	Copper	67.2	67.2	67.2					9.2E-03			9.2E-03
7439-92-1	~Lead and Compounds	95.1	95.1	95.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	488	488	488					1.1E-01		5.6E-06	1.1E-01
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0199	0.0199	0.0199					1.8E-07		1.0E-08	1.9E-07
7440-02-0	Nickel Soluble Salts	24.1	24.1	24.1			1.3E-12	1.3E-12	6.6E-03		1.4E-06	6.6E-03
14797-55-8	Nitrate (measured as nitrogen)	2.38	2.38	2.38					8.2E-06			8.2E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.474	0.474	0.474	4.1E-09	1.2E-09	2.4E-16	5.2E-09	1.3E-04	3.1E-05		1.6E-04
120-12-7	~Anthracene	0.194	0.194	0.194					3.5E-06	1.1E-06		4.6E-06
56-55-3	~Benz[a]anthracene	1.74	1.74	1.74	4.9E-07	1.6E-07	7.8E-10	6.5E-07				
50-32-8	~Benzo[a]pyrene	1.96	1.96	1.96	**5.5E-06**	**1.8E-06**	7.0E-13	**7.3E-06**	3.6E-02	1.1E-02	5.7E-07	4.7E-02
205-99-2	~Benzo[b]fluoranthene	3.42	3.42	3.42	9.6E-07	3.2E-07	1.2E-13	**1.3E-06**				
207-08-9	~Benzo[k]fluoranthene	1.06	1.06	1.06	3.0E-08	9.9E-09	3.8E-15	4.0E-08				
218-01-9	~Chrysene	2.6	2.6	2.6	7.3E-09	2.4E-09	9.3E-16	9.7E-09				
53-70-3	~Dibenz[a,h]anthracene	0.353	0.353	0.353	9.9E-07	3.3E-07	1.3E-13	**1.3E-06**				
206-44-0	~Fluoranthene	5.15	5.15	5.15					7.1E-04	2.2E-04		9.2E-04
86-73-7	~Fluorene	0.0617	0.0617	0.0617					8.5E-06	2.6E-06		1.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	1.49	1.49	1.49	4.2E-07	1.4E-07	5.3E-14	5.6E-07				
129-00-0	~Pyrene	4.08	4.08	4.08					7.5E-04	2.3E-04		9.8E-04
7782-49-2	Selenium	2.66	2.66	2.66					2.9E-03		7.7E-11	2.9E-03
7440-22-4	Silver	0.944	0.944	0.944					1.0E-03			1.0E-03
7440-28-0	Thallium (Soluble Salts)	0.0952	0.0952	0.0952					5.2E-02			5.2E-02
7440-62-2	Vanadium and Compounds	19	19	19					2.1E-02		1.1E-07	2.1E-02
7440-66-6	Zinc and Compounds	281	281	281					5.1E-03			5.1E-03
						Cumulative:		1.4E-05				4.8E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	1/22/2026
Prepared By:	Jonathan Olanin, Jennifer Petzold
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
0.0687		67-64-1	Acetone			mg/kg	SED-7									
2.76	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
74.6		7440-39-3	Barium			mg/kg	SED-7									
0.0553	J	100-52-7	Benzaldehyde			mg/kg	SED-7									
0.34	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
10.8		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-7									
0.747	J	18540-29-9	Chromium(VI)			mg/kg	SED-7									
4.78		7440-48-4	Cobalt			mg/kg	SED-7									
23.3		7440-50-8	Copper			mg/kg	SED-7									
51.5		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
231		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
0.0295		7439-97-6	~Mercury (elemental)			mg/kg	SED-7									
10.1		7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
1.4	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-7									
0.102	J	120-12-7	~Anthracene			mg/kg	SED-7									
0.526		56-55-3	~Benz[a]anthracene			mg/kg	SED-7									
0.561		50-32-8	~Benzo[a]pyrene			mg/kg	SED-7									
0.881		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
0.287	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-7									
0.673		218-01-9	~Chrysene			mg/kg	SED-7									
0.109	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-7									
1.21		206-44-0	~Fluoranthene			mg/kg	SED-7									
0.471		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-7									
0.0459	J	91-20-3	~Naphthalene			mg/kg	SED-7									
0.995		129-00-0	~Pyrene			mg/kg	SED-7									
1.11	J	7782-49-2	Selenium			mg/kg	SED-7									
0.0797	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-7									
14.7		7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
129		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	1.2E-05	6.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.4E-06	4.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.3E-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-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	0.0687	0.0687	0.0687					9.8E-07			9.8E-07
7440-38-2	Arsenic, Inorganic	2.76	2.76	2.76	**3.6E-06**	5.0E-07	7.1E-11	4.1E-06	7.1E-02	8.4E-03	3.0E-06	7.9E-02
7440-39-3	Barium	74.6	74.6	74.6					4.8E-03		2.4E-06	4.8E-03
100-52-7	Benzaldehyde	0.0553	0.0553	0.0553	3.2E-10			3.2E-10	7.1E-06			7.1E-06
7440-41-7	Beryllium and compounds	0.34	0.34	0.34			4.9E-12	4.9E-12	2.2E-03		2.7E-07	2.2E-03
16065-83-1	Chromium(III), Insoluble Salts	10.8	10.8	10.8					9.2E-05			9.2E-05
18540-29-9	Chromium(VI)	0.747	0.747	0.747	7.8E-07		1.4E-10	7.8E-07	1.1E-02		4.0E-07	1.1E-02
7440-48-4	Cobalt	4.78	4.78	4.78			2.6E-10	2.6E-10	**2.0E-01**		1.3E-05	**2.0E-01**
7440-50-8	Copper	23.3	23.3	23.3					7.4E-03			7.4E-03
7439-92-1	~Lead and Compounds	51.5	51.5	51.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	231	231	231					1.2E-01		7.5E-05	1.2E-01
7439-97-6	~Mercury (elemental)	0.0295	0.0295	0.0295							3.9E-03	3.9E-03
7440-02-0	Nickel Soluble Salts	10.1	10.1	10.1			1.6E-11	1.6E-11	6.5E-03		1.6E-05	6.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.4	1.4	1.4					1.1E-05			1.1E-05
120-12-7	~Anthracene	0.102	0.102	0.102					4.3E-06	1.3E-06		5.7E-06
56-55-3	~Benz[a]anthracene	0.526	0.526	0.526	3.4E-07	1.1E-07	6.6E-09	4.6E-07				
50-32-8	~Benzo[a]pyrene	0.561	0.561	0.561	**3.7E-06**	**1.2E-06**	5.6E-12	4.9E-06	2.4E-02	7.4E-03	4.5E-06	3.1E-02
205-99-2	~Benzo[b]fluoranthene	0.881	0.881	0.881	5.8E-07	1.9E-07	8.8E-13	7.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.287	0.287	0.287	1.9E-08	6.3E-09	2.9E-14	2.5E-08				
218-01-9	~Chrysene	0.673	0.673	0.673	4.4E-09	1.5E-09	6.7E-15	5.9E-09				
53-70-3	~Dibenz[a,h]anthracene	0.109	0.109	0.109	7.1E-07	2.4E-07	1.1E-12	9.5E-07				
206-44-0	~Fluoranthene	1.21	1.21	1.21					3.9E-04	1.2E-04		5.1E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.471	0.471	0.471	3.1E-07	1.0E-07	4.7E-13	4.1E-07				
91-20-3	~Naphthalene	0.0459	0.0459	0.0459	7.9E-09	2.9E-09	1.1E-08	2.2E-08	2.9E-05	9.1E-06	3.0E-04	3.4E-04
129-00-0	~Pyrene	0.995	0.995	0.995					4.2E-04	1.3E-04		5.5E-04
7782-49-2	Selenium	1.11	1.11	1.11					2.8E-03		9.0E-10	2.8E-03
7440-28-0	Thallium (Soluble Salts)	0.0797	0.0797	0.0797					1.0E-01			1.0E-01
7440-62-2	Vanadium and Compounds	14.7	14.7	14.7					3.7E-02		2.4E-06	3.7E-02
7440-66-6	Zinc and Compounds	129	129	129					5.5E-03			5.5E-03
						Cumulative:		1.2E-05				6.2E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0687	0.0687	0.0687					6.5E-08			6.5E-08
7440-38-2	Arsenic, Inorganic	2.76	2.76	2.76	7.6E-07	1.6E-07	1.6E-11	9.2E-07	4.7E-03	1.0E-03	7.1E-07	5.7E-03
7440-39-3	Barium	74.6	74.6	74.6					3.2E-04		5.7E-07	3.2E-04
100-52-7	Benzaldehyde	0.0553	0.0553	0.0553	6.8E-11			6.8E-11	4.7E-07			4.7E-07
7440-41-7	Beryllium and compounds	0.34	0.34	0.34			1.1E-12	1.1E-12	1.5E-04		6.5E-08	1.5E-04
16065-83-1	Chromium(III), Insoluble Salts	10.8	10.8	10.8					6.2E-06			6.2E-06
18540-29-9	Chromium(VI)	0.747	0.747	0.747	3.7E-08		1.1E-11	3.7E-08	7.1E-04		9.6E-08	7.1E-04
7440-48-4	Cobalt	4.78	4.78	4.78			5.9E-11	5.9E-11	1.4E-02		3.1E-06	1.4E-02
7440-50-8	Copper	23.3	23.3	23.3					5.0E-04			5.0E-04
7439-92-1	~Lead and Compounds	51.5	51.5	51.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	231	231	231					8.2E-03		1.8E-05	8.3E-03
7439-97-6	~Mercury (elemental)	0.0295	0.0295	0.0295							9.3E-04	9.3E-04
7440-02-0	Nickel Soluble Salts	10.1	10.1	10.1			3.6E-12	3.6E-12	4.3E-04		3.9E-06	4.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.4	1.4	1.4					7.5E-07			7.5E-07
120-12-7	~Anthracene	0.102	0.102	0.102					2.9E-07	1.6E-07		4.5E-07
56-55-3	~Benz[a]anthracene	0.526	0.526	0.526	1.6E-08	8.8E-09	5.5E-10	2.5E-08				
50-32-8	~Benzo[a]pyrene	0.561	0.561	0.561	1.7E-07	9.4E-08	4.6E-13	2.7E-07	1.6E-03	8.8E-04	1.1E-06	2.5E-03
205-99-2	~Benzo[b]fluoranthene	0.881	0.881	0.881	2.7E-08	1.5E-08	7.3E-14	4.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.287	0.287	0.287	8.8E-10	4.8E-10	2.4E-15	1.4E-09				
218-01-9	~Chrysene	0.673	0.673	0.673	2.1E-10	1.1E-10	5.5E-16	3.2E-10				
53-70-3	~Dibenz[a,h]anthracene	0.109	0.109	0.109	3.3E-08	1.8E-08	9.0E-14	5.2E-08				
206-44-0	~Fluoranthene	1.21	1.21	1.21					2.6E-05	1.4E-05		4.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.471	0.471	0.471	1.4E-08	7.9E-09	3.9E-14	2.2E-08				
91-20-3	~Naphthalene	0.0459	0.0459	0.0459	1.7E-09	9.3E-10	2.6E-09	5.2E-09	2.0E-06	1.1E-06	7.1E-05	7.4E-05
129-00-0	~Pyrene	0.995	0.995	0.995					2.8E-05	1.6E-05		4.4E-05
7782-49-2	Selenium	1.11	1.11	1.11					1.9E-04		2.1E-10	1.9E-04
7440-28-0	Thallium (Soluble Salts)	0.0797	0.0797	0.0797					6.8E-03			6.8E-03
7440-62-2	Vanadium and Compounds	14.7	14.7	14.7					2.5E-03		5.7E-07	2.5E-03
7440-66-6	Zinc and Compounds	129	129	129					3.7E-04			3.7E-04
						Cumulative:		1.4E-06				4.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0687	0.0687	0.0687					4.2E-07			4.2E-07
7440-38-2	Arsenic, Inorganic	2.76	2.76	2.76	**1.5E-06**	2.2E-07	2.5E-12	**1.7E-06**	3.0E-02	3.6E-03	1.1E-07	3.4E-02
7440-39-3	Barium	74.6	74.6	74.6					2.0E-03		8.6E-08	2.0E-03
100-52-7	Benzaldehyde	0.0553	0.0553	0.0553	1.4E-10			1.4E-10	3.0E-06			3.0E-06
7440-41-7	Beryllium and compounds	0.34	0.34	0.34			1.7E-13	1.7E-13	9.3E-04		9.8E-09	9.3E-04
16065-83-1	Chromium(III), Insoluble Salts	10.8	10.8	10.8					3.9E-05			3.9E-05
18540-29-9	Chromium(VI)	0.747	0.747	0.747	3.3E-07		4.9E-12	3.3E-07	4.5E-03		1.4E-08	4.5E-03
7440-48-4	Cobalt	4.78	4.78	4.78			9.2E-12	9.2E-12	8.7E-02		4.6E-07	8.7E-02
7440-50-8	Copper	23.3	23.3	23.3					3.2E-03			3.2E-03
7439-92-1	~Lead and Compounds	51.5	51.5	51.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	231	231	231					5.3E-02		2.7E-06	5.3E-02
7439-97-6	~Mercury (elemental)	0.0295	0.0295	0.0295							1.4E-04	1.4E-04
7440-02-0	Nickel Soluble Salts	10.1	10.1	10.1			5.6E-13	5.6E-13	2.8E-03		5.8E-07	2.8E-03
14797-55-8	Nitrate (measured as nitrogen)	1.4	1.4	1.4					4.8E-06			4.8E-06
120-12-7	~Anthracene	0.102	0.102	0.102					1.9E-06	5.7E-07		2.4E-06
56-55-3	~Benz[a]anthracene	0.526	0.526	0.526	1.5E-07	4.9E-08	2.4E-10	2.0E-07				
50-32-8	~Benzo[a]pyrene	0.561	0.561	0.561	**1.6E-06**	5.2E-07	2.0E-13	**2.1E-06**	1.0E-02	3.2E-03	1.6E-07	1.3E-02
205-99-2	~Benzo[b]fluoranthene	0.881	0.881	0.881	2.5E-07	8.2E-08	3.1E-14	3.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.287	0.287	0.287	8.0E-09	2.7E-09	1.0E-15	1.1E-08				
218-01-9	~Chrysene	0.673	0.673	0.673	1.9E-09	6.3E-10	2.4E-16	2.5E-09				
53-70-3	~Dibenz[a,h]anthracene	0.109	0.109	0.109	3.1E-07	1.0E-07	3.9E-14	4.1E-07				
206-44-0	~Fluoranthene	1.21	1.21	1.21					1.7E-04	5.1E-05		2.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.471	0.471	0.471	1.3E-07	4.4E-08	1.7E-14	1.8E-07				
91-20-3	~Naphthalene	0.0459	0.0459	0.0459	3.4E-09	1.2E-09	4.0E-10	5.0E-09	1.3E-05	3.9E-06	1.1E-05	2.7E-05
129-00-0	~Pyrene	0.995	0.995	0.995					1.8E-04	5.6E-05		2.4E-04
7782-49-2	Selenium	1.11	1.11	1.11					1.2E-03		3.2E-11	1.2E-03
7440-28-0	Thallium (Soluble Salts)	0.0797	0.0797	0.0797					4.4E-02			4.4E-02
7440-62-2	Vanadium and Compounds	14.7	14.7	14.7					1.6E-02		8.5E-08	1.6E-02
7440-66-6	Zinc and Compounds	129	129	129					2.4E-03			2.4E-03
						Cumulative:		5.3E-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-8 Risk Assessment
Submittal Date:	1/22/2026
Prepared By:	Jonathan Olanin, Jennifer Petzold
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:

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
0.0911		67-64-1	Acetone			mg/kg	SED-8									
1.68	F1	7664-41-7	Ammonia			mg/kg	SED-8									
1.68	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-8									
73.7		7440-39-3	Barium			mg/kg	SED-8									
0.0717	J	100-52-7	Benzaldehyde			mg/kg	SED-8									
0.313	J	7440-41-7	Beryllium and compounds			mg/kg	SED-8									
0.435	J F1	18540-29-9	Chromium(VI)			mg/kg	SED-8									
4.21		7440-48-4	Cobalt			mg/kg	SED-8									
29	F1	7440-50-8	Copper			mg/kg	SED-8									
0.00936		123-91-1	Dioxane, 1,4-			mg/kg	SED-8									
0.0519	J	132-64-9	~Dibenzofuran			mg/kg	SED-8									
43.2	F1	7439-92-1	~Lead and Compounds			mg/kg	SED-8									
223		7439-96-5	Manganese (Non-diet)			mg/kg	SED-8									
0.0082	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-8									
9.67		7440-02-0	Nickel Soluble Salts			mg/kg	SED-8									
3	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
2.72		117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-8									
0.0475	J	117-84-0	~Octyl Phthalate, di-N-			mg/kg	SED-8									
0.0812	J	83-32-9	~Acenaphthene			mg/kg	SED-8									
0.255	J	120-12-7	~Anthracene			mg/kg	SED-8									
1.45		56-55-3	~Benz[a]anthracene			mg/kg	SED-8									
1.51		50-32-8	~Benzo[a]pyrene			mg/kg	SED-8									
2.3		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-8									
0.793		207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-8									
1.73		218-01-9	~Chrysene			mg/kg	SED-8									
0.262	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-8									
3.55		206-44-0	~Fluoranthene			mg/kg	SED-8									
0.118	J	86-73-7	~Fluorene			mg/kg	SED-8									
1.06		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-8									
0.0512	J	91-20-3	~Naphthalene			mg/kg	SED-8									
2.85		129-00-0	~Pyrene			mg/kg	SED-8									
0.547	J	7782-49-2	Selenium			mg/kg	SED-8									
0.5	J	7440-22-4	Silver			mg/kg	SED-8									
10.8		7440-62-2	Vanadium and Compounds			mg/kg	SED-8									
153		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	2.3E-05	5.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.7E-06	3.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	9.7E-06	2.1E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	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	0.0911	0.0911	0.0911					1.3E-06			1.3E-06
7664-41-7	Ammonia	1.68	1.68	1.68							5.4E-11	5.4E-11
7440-38-2	Arsenic, Inorganic	1.68	1.68	1.68	**2.2E-06**	3.1E-07	4.3E-11	2.5E-06	4.3E-02	5.1E-03	1.8E-06	4.8E-02
7440-39-3	Barium	73.7	73.7	73.7					4.7E-03		2.4E-06	4.7E-03
100-52-7	Benzaldehyde	0.0717	0.0717	0.0717	4.1E-10			4.1E-10	9.2E-06			9.2E-06
7440-41-7	Beryllium and compounds	0.313	0.313	0.313			4.5E-12	4.5E-12	2.0E-03		2.5E-07	2.0E-03
18540-29-9	Chromium(VI)	0.435	0.435	0.435	4.5E-07		8.0E-11	4.5E-07	6.2E-03		2.3E-07	6.2E-03
7440-48-4	Cobalt	4.21	4.21	4.21			2.3E-10	2.3E-10	1.8E-01		1.1E-05	1.8E-01
7440-50-8	Copper	29	29	29					9.3E-03			9.3E-03
123-91-1	Dioxane, 1,4-	0.00936	0.00936	0.00936	1.3E-09		4.0E-10	1.7E-09	4.0E-06		7.1E-06	1.1E-05
132-64-9	~Dibenzofuran	0.0519	0.0519	0.0519					6.6E-04			6.6E-04
7439-92-1	~Lead and Compounds	43.2	43.2	43.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	223	223	223					1.2E-01		7.2E-05	1.2E-01
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0082	0.0082	0.0082					1.7E-07		1.2E-07	3.0E-07
7440-02-0	Nickel Soluble Salts	9.67	9.67	9.67			1.5E-11	1.5E-11	6.2E-03		1.6E-05	6.2E-03
14797-55-8	Nitrate (measured as nitrogen)	3	3	3					2.4E-05			2.4E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	2.72	2.72	2.72	5.5E-08	1.5E-08	3.9E-14	7.0E-08	1.7E-03	4.1E-04		2.2E-03
117-84-0	~Octyl Phthalate, di-N-	0.0475	0.0475	0.0475					6.1E-05	1.4E-05		7.5E-05
83-32-9	~Acenaphthene	0.0812	0.0812	0.0812					1.7E-05	5.3E-06		2.3E-05
120-12-7	~Anthracene	0.255	0.255	0.255					1.1E-05	3.4E-06		1.4E-05
56-55-3	~Benz[a]anthracene	1.45	1.45	1.45	9.5E-07	3.2E-07	1.8E-08	1.3E-06				
50-32-8	~Benzo[a]pyrene	1.51	1.51	1.51	**9.9E-06**	**3.3E-06**	1.5E-11	1.3E-05	6.4E-02	2.0E-02	1.2E-05	8.4E-02
205-99-2	~Benzo[b]fluoranthene	2.3	2.3	2.3	**1.5E-06**	5.0E-07	2.3E-12	2.0E-06				
207-08-9	~Benzo[k]fluoranthene	0.793	0.793	0.793	5.2E-08	1.7E-08	7.9E-14	6.9E-08				
218-01-9	~Chrysene	1.73	1.73	1.73	1.1E-08	3.8E-09	1.7E-14	1.5E-08				
53-70-3	~Dibenz[a,h]anthracene	0.262	0.262	0.262	**1.7E-06**	5.7E-07	2.6E-12	2.3E-06				
206-44-0	~Fluoranthene	3.55	3.55	3.55					1.1E-03	3.5E-04		1.5E-03
86-73-7	~Fluorene	0.118	0.118	0.118					3.8E-05	1.2E-05		4.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	1.06	1.06	1.06	6.9E-07	2.3E-07	1.1E-12	9.2E-07				
91-20-3	~Naphthalene	0.0512	0.0512	0.0512	8.8E-09	3.2E-09	1.3E-08	2.5E-08	3.3E-05	1.0E-05	3.3E-04	3.7E-04
129-00-0	~Pyrene	2.85	2.85	2.85					1.2E-03	3.7E-04		1.6E-03
7782-49-2	Selenium	0.547	0.547	0.547					1.4E-03		4.4E-10	1.4E-03
7440-22-4	Silver	0.5	0.5	0.5					1.3E-03			1.3E-03
7440-62-2	Vanadium and Compounds	10.8	10.8	10.8					2.7E-02		1.7E-06	2.7E-02
7440-66-6	Zinc and Compounds	153	153	153					6.5E-03			6.5E-03
						Cumulative:		2.3E-05				5.0E-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	0.0911	0.0911	0.0911					8.7E-08			8.7E-08
7664-41-7	Ammonia	1.68	1.68	1.68							1.3E-11	1.3E-11
7440-38-2	Arsenic, Inorganic	1.68	1.68	1.68	4.6E-07	9.8E-08	9.9E-12	5.6E-07	2.9E-03	6.1E-04	4.3E-07	3.5E-03
7440-39-3	Barium	73.7	73.7	73.7					3.2E-04		5.7E-07	3.2E-04
100-52-7	Benzaldehyde	0.0717	0.0717	0.0717	8.8E-11			8.8E-11	6.1E-07			6.1E-07
7440-41-7	Beryllium and compounds	0.313	0.313	0.313			1.0E-12	1.0E-12	1.3E-04		6.0E-08	1.3E-04
18540-29-9	Chromium(VI)	0.435	0.435	0.435	2.1E-08		6.6E-12	2.1E-08	4.1E-04		5.6E-08	4.1E-04
7440-48-4	Cobalt	4.21	4.21	4.21			5.2E-11	5.2E-11	1.2E-02		2.7E-06	1.2E-02
7440-50-8	Copper	29	29	29					6.2E-04			6.2E-04
123-91-1	Dioxane, 1,4-	0.00936	0.00936	0.00936	2.9E-10		9.1E-11	3.8E-10	2.7E-07		1.7E-06	2.0E-06
132-64-9	~Dibenzofuran	0.0519	0.0519	0.0519					4.4E-05			4.4E-05
7439-92-1	~Lead and Compounds	43.2	43.2	43.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	223	223	223					8.0E-03		1.7E-05	8.0E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0082	0.0082	0.0082					1.2E-08		2.9E-08	4.1E-08
7440-02-0	Nickel Soluble Salts	9.67	9.67	9.67			3.5E-12	3.5E-12	4.1E-04		3.7E-06	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	3	3	3					1.6E-06			1.6E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	2.72	2.72	2.72	1.2E-08	4.9E-09	9.0E-15	1.7E-08	1.2E-04	4.9E-05		1.7E-04
117-84-0	~Octyl Phthalate, di-N-	0.0475	0.0475	0.0475					4.1E-06	1.7E-06		5.8E-06
83-32-9	~Acenaphthene	0.0812	0.0812	0.0812					1.2E-06	6.4E-07		1.8E-06
120-12-7	~Anthracene	0.255	0.255	0.255					7.3E-07	4.0E-07		1.1E-06
56-55-3	~Benz[a]anthracene	1.45	1.45	1.45	4.4E-08	2.4E-08	1.5E-09	7.0E-08				
50-32-8	~Benzo[a]pyrene	1.51	1.51	1.51	4.6E-07	2.5E-07	1.2E-12	7.2E-07	4.3E-03	2.4E-03	2.9E-06	6.7E-03
205-99-2	~Benzo[b]fluoranthene	2.3	2.3	2.3	7.0E-08	3.9E-08	1.9E-13	1.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.793	0.793	0.793	2.4E-09	1.3E-09	6.5E-15	3.8E-09				
218-01-9	~Chrysene	1.73	1.73	1.73	5.3E-10	2.9E-10	1.4E-15	8.2E-10				
53-70-3	~Dibenz[a,h]anthracene	0.262	0.262	0.262	8.0E-08	4.4E-08	2.2E-13	1.2E-07				
206-44-0	~Fluoranthene	3.55	3.55	3.55					7.6E-05	4.2E-05		1.2E-04
86-73-7	~Fluorene	0.118	0.118	0.118					2.5E-06	1.4E-06		3.9E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	1.06	1.06	1.06	3.2E-08	1.8E-08	8.7E-14	5.0E-08				
91-20-3	~Naphthalene	0.0512	0.0512	0.0512	1.9E-09	1.0E-09	2.9E-09	5.8E-09	2.2E-06	1.2E-06	7.9E-05	8.2E-05
129-00-0	~Pyrene	2.85	2.85	2.85					8.1E-05	4.5E-05		1.3E-04
7782-49-2	Selenium	0.547	0.547	0.547					9.4E-05		1.1E-10	9.4E-05
7440-22-4	Silver	0.5	0.5	0.5					8.6E-05			8.6E-05
7440-62-2	Vanadium and Compounds	10.8	10.8	10.8					1.8E-03		4.2E-07	1.8E-03
7440-66-6	Zinc and Compounds	153	153	153					4.4E-04			4.4E-04
						Cumulative:		1.7E-06				3.5E-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-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	0.0911	0.0911	0.0911					5.5E-07			5.5E-07
7664-41-7	Ammonia	1.68	1.68	1.68							1.9E-12	1.9E-12
7440-38-2	Arsenic, Inorganic	1.68	1.68	1.68	9.3E-07	1.3E-07	1.5E-12	**1.1E-06**	1.8E-02	2.2E-03	6.5E-08	2.1E-02
7440-39-3	Barium	73.7	73.7	73.7					2.0E-03		8.5E-08	2.0E-03
100-52-7	Benzaldehyde	0.0717	0.0717	0.0717	1.8E-10			1.8E-10	3.9E-06			3.9E-06
7440-41-7	Beryllium and compounds	0.313	0.313	0.313			1.6E-13	1.6E-13	8.6E-04		9.0E-09	8.6E-04
18540-29-9	Chromium(VI)	0.435	0.435	0.435	1.9E-07		2.8E-12	1.9E-07	2.6E-03		8.4E-09	2.6E-03
7440-48-4	Cobalt	4.21	4.21	4.21			8.1E-12	8.1E-12	7.7E-02		4.1E-07	7.7E-02
7440-50-8	Copper	29	29	29					4.0E-03			4.0E-03
123-91-1	Dioxane, 1,4-	0.00936	0.00936	0.00936	5.8E-10		1.4E-11	5.9E-10	1.7E-06		2.5E-07	2.0E-06
132-64-9	~Dibenzofuran	0.0519	0.0519	0.0519					2.8E-04			2.8E-04
7439-92-1	~Lead and Compounds	43.2	43.2	43.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	223	223	223					5.1E-02		2.6E-06	5.1E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0082	0.0082	0.0082					7.5E-08		4.3E-09	7.9E-08
7440-02-0	Nickel Soluble Salts	9.67	9.67	9.67			5.4E-13	5.4E-13	2.6E-03		5.6E-07	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	3	3	3					1.0E-05			1.0E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	2.72	2.72	2.72	2.3E-08	6.6E-09	1.4E-15	3.0E-08	7.5E-04	1.8E-04		9.2E-04
117-84-0	~Octyl Phthalate, di-N-	0.0475	0.0475	0.0475					2.6E-05	6.2E-06		3.2E-05
83-32-9	~Acenaphthene	0.0812	0.0812	0.0812					7.4E-06	2.3E-06		9.7E-06
120-12-7	~Anthracene	0.255	0.255	0.255					4.7E-06	1.4E-06		6.1E-06
56-55-3	~Benz[a]anthracene	1.45	1.45	1.45	4.1E-07	1.4E-07	6.5E-10	5.4E-07				
50-32-8	~Benzo[a]pyrene	1.51	1.51	1.51	**4.2E-06**	**1.4E-06**	5.4E-13	**5.6E-06**	2.8E-02	8.5E-03	4.4E-07	3.6E-02
205-99-2	~Benzo[b]fluoranthene	2.3	2.3	2.3	6.4E-07	2.1E-07	8.2E-14	8.6E-07				
207-08-9	~Benzo[k]fluoranthene	0.793	0.793	0.793	2.2E-08	7.4E-09	2.8E-15	3.0E-08				
218-01-9	~Chrysene	1.73	1.73	1.73	4.8E-09	1.6E-09	6.2E-16	6.5E-09				
53-70-3	~Dibenz[a,h]anthracene	0.262	0.262	0.262	7.3E-07	2.4E-07	9.3E-14	9.8E-07				
206-44-0	~Fluoranthene	3.55	3.55	3.55					4.9E-04	1.5E-04		6.4E-04
86-73-7	~Fluorene	0.118	0.118	0.118					1.6E-05	5.0E-06		2.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	1.06	1.06	1.06	3.0E-07	9.9E-08	3.8E-14	4.0E-07				
91-20-3	~Naphthalene	0.0512	0.0512	0.0512	3.8E-09	1.4E-09	4.5E-10	5.6E-09	1.4E-05	4.3E-06	1.2E-05	3.0E-05
129-00-0	~Pyrene	2.85	2.85	2.85					5.2E-04	1.6E-04		6.8E-04
7782-49-2	Selenium	0.547	0.547	0.547					6.0E-04		1.6E-11	6.0E-04
7440-22-4	Silver	0.5	0.5	0.5					5.5E-04			5.5E-04
7440-62-2	Vanadium and Compounds	10.8	10.8	10.8					1.2E-02		6.2E-08	1.2E-02
7440-66-6	Zinc and Compounds	153	153	153					2.8E-03			2.8E-03
						Cumulative:		9.7E-06				2.1E-01