Remedial Investigation Report
City of Durham Parks – Walltown Park, NONCD0000824
1308 W. Club Boulevard, Durham, North Carolina
Task Order RI-8
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
January 12, 2026

January 12, 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-8
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. 23050630, dated February 17, 2025, for Task Order 824RI-8 under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

Sincerely,

S&ME, Inc.

Rachel Moore
Environmental Staff Professional
RachelMoore@smeinc.com

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

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

Attachment: Remedial Investigation Report

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1.0 Summary of Current Investigation

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposal No. 23050630, dated March 13, 2025, for Task Orders 824RI-8 under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

- Groundwater monitoring well installation and assessment;
- Landfill gas probe installation and 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 Installation

On July 28, 2025, seven Landfill Gas Probes (LFGP) and two Landfill Gas Implants (LFGI) were installed using a track mounted Geoprobe® unit (7822 DT) outfitted with six-inch diameter rods. S&ME personnel screened the soil for VOCs during installation of the soil gas probes and implants. No visual indications of contamination or elevated organic vapors were noted during installation.

Landfill Gas Probes were installed to depths of 7 to 9 feet below ground surface (ft-bgs), and Landfill Gas Implants were installed to depths of 3 to 5 ft-bgs. Once the total depth of the probes was determined, a 1-inch diameter 1 to 5-foot-long section of PVC 0.010-inch slotted screen was installed. The screen with PVC well riser casing was installed from the top of the well screen up to the ground surface. A sand pack of #2 filter sand was placed in the annulus between the borehole wall and the well screen up to approximately two feet above the top of the well screen. A bentonite seal was then installed up to approximately two feet above the top of the sand pack for all probes. Implants were placed at the bottom of the boring and a sand pack of #2 filter sand one foot above the implant. Granular bentonite was then used to seal the boring from the sand pack to the ground surface. The LFGP and 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.**

2.2 Field Screening Methods

On August 20, 2025, landfill gas and offsite soil gas probes and implants that did not have high water levels were screened for landfill gas. **Figure 2** shows the data from the field screening event. Portable meters were used to collect the following parameters at each soil gas probe, soil gas implant and background screening location:

- Landfill Gas Meter – GEM5000 PLUS for the following:
  - methane: 0-100%, +/- 0.3% to 1.5% accuracy
  - hydrogen sulfide: 0-500 parts per million-volume (ppm-v), with +/- 2.0% accuracy
  - carbon dioxide: 0-100%, +/- 0.5% to 1.5% accuracy
  - oxygen: 0-25%, +/- 1.0% accuracy
  - barometric pressure: +/- 14.7 inches mercury from calibration pressure, +/- 1% inches mercury accuracy
- Photo-Ionization Detector (PID) MiniRAE 3000 for total VOCs: 0-15,000 ppm-v, with +/- 0.1 ppm-v resolution over range of 0 to 999.9 ppm-v and +/- 1 ppm-v resolution over range of 1,000 to 15,000 ppm-v.

Each of the meters listed above has an internal pump, which was used to draw air samples from the gas probe through the portable meters. New Teflon tubing was connected from the meters to the soil gas probe cap for sampling.

A thermohygrometer was used to measure ambient air for humidity and temperature. The landfill gas screening forms which summarize the results are included with the field documents in **Appendix III**.

2.3 Landfill Gas Screening Results

2.3.1 Volatile Organic Compounds

VOCs were detected in all the LFGPs but not in any of the background screening locations. During the screening event, concentrations ranged from 3.5 parts per million by volume (ppm-v) to 31.5 ppm-v.

2.3.2 Methane

During the screening event, methane was not detected in any of the sample locations. The GEM5000 manufacturer specifies an approximate accuracy range of +/- 0.3% of the displayed reading for methane concentrations between 0% and 5%.

2.3.3 Hydrogen Sulfide

During the screening event, Hydrogen Sulfide was not detected in any of the sample locations. The GEM5000 manufacturer specifies an approximate accuracy range of +/- 2.0% of the displayed reading for hydrogen sulfide concentrations between 0 – 500 ppm-v.

The landfill gas screening results are summarized in **Table 2** and shown on **Figure 2**.

2.4 Landfill Gas Sampling

On September 5 and 8, 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, and Hydrogen sulfide by EPA Method TO-15.

2.4.1 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.

2.4.2 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 North Carolina Department of Environmental Quality (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.

2.4.3 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.

After collecting the gas samples, the SILO canisters were shipped under standard chain-of-custody protocol to Eurofins Air Toxics for VOC analysis and Hydrogen Sulfide by EPA Method TO-15 and Methane by ASTM Method D1946. The laboratory reports and chain of custody are in **Appendix IV.**

2.5 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 is 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. 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 **Figures 3**. The field notes are included in **Appendix III**. The laboratory reports and chain of custody forms are included in **Appendix IV**.

3.0 Groundwater Assessment

3.1 Monitoring Well Elevation Measuring

On August 5, 2025, nine groundwater monitor wells (MW-1 through MW-9) were installed using a track mounted Geoprobe® unit (7822 DT) outfitted with six-inch diameter rods. S&ME personnel screened the soil for VOCs during installation of the monitor wells. No visual indications of contamination or elevated organic vapors were noted during the installation of the monitoring wells.

The monitor wells were installed to depths of 21.2 to 36.5 ft-bgs. Once the total depth of the monitor wells was determined, a 2-inch diameter 10-foot-long section of PVC 0.010-inch slotted well screen was installed with PVC well riser casing installed from the top of the well screen up to two feet above ground surface. A sand pack of #2 filter sand was placed in the annulus between the borehole wall and the well screen up to approximately two feet above the top of the well screen. A bentonite seal was then installed up to approximately two feet above the top of the sand pack. Prior to placing the bentonite in the annulus of the borehole, the well was developed with a submersible pump until turbidity had visually improved. Over five well volumes of water were removed from each well during development. The monitor wells were completed with expandable well caps. The monitor well construction details are presented in **Table 4** and the location of the monitoring wells are shown on **Figure 1**. The Coordinates of Selected Features is included in **Appendix I** and the Well Construction Records are included in **Appendix II**.

3.2 Monitor Well Purging and Sampling

On August 28, 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 5**. Groundwater generally flows towards the surface water feature in the center of the site, surface water flows to the north.

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 III**. Once three well volumes were purged, groundwater samples were collected, placed on ice, and sent under the chain-of-custody protocol to Eurofins | Environment Testing America (Eurofins) in Savannah Georgia for analysis. Analysis includes volatile organic compounds (VOCs) by EPA Method 8260D, semi-volatile-organic compounds (SVOCs) by EPA Method 8270E, 1,4 Dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7470A, nitrate and sulfate by EPA Method 300.0, and ammonia by EPA Method 350.1.

3.3 Monitor Well Sample Results

The laboratory reported detections of multiple constituents above the NCAC 2L Groundwater Standards in samples collected from multiple monitoring wells. Analytes that were detected at concentrations exceeding the respective NCAC 2L Groundwater Standards are shown on **Figure 4.** See **Table 6** for a summary of the groundwater analytical results.

4.0 Surface Water and Sediment Sampling

On May 28-29, 2025, S&ME collected surface water and stream sediment samples for laboratory analysis from nine locations. Surface water sample locations are identified as SW-1 through SW-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 6** and **Figure 7**.

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, NC. Analysis includes VOCs by EPA Method 8260D, semi-volatile organic compounds (SVOCs) by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7471B, nitrate and sulfate by EPA Method 39056A, 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 6**. 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 IV**.

The NCDEQ Risk Calculator was used to assess the risk for direct contact of soil. The carcinogenic risk and non-carcinogenic hazard index for each of the sediment sample locations were not exceeded for all receptors. Exceedances of the United States Environmental Protection Agency Regional Soil Screening Levels (USEPA RSLs)) are shown on **Figure 7**.

5.0 NCDEQ Risk Calculator

S&ME used the January 2025 version of NCDEQ's Risk Calculator, downloaded from the NCDEQ website to quantify the risks from different exposure points (landfill gas, groundwater, surface water, and sediment) that contain concentrations of chemicals that potentially cause cancer (carcinogens) and chemicals not known to cause cancer (noncarcinogens). The Risk Calculator was used to show the risks these exposure points pose to park users. Carcinogenic and noncarcinogenic effects are evaluated separately as discussed below.

The risk characterization for carcinogens is expressed in terms of a probability that an individual will develop an excess cancer risk due to exposure to site-related contaminants. The cancer risk is summed across all carcinogenic chemicals and exposure routes (ingestion, dermal, and inhalation) to determine cumulative cancer risks.

The potential for noncancer effects is evaluated by comparing the estimated contaminant exposure to a reference threshold. This threshold represents the exposure below which is unlikely for sensitive populations to experience adverse health effects. The ratio of exposure to toxicity is referred to as a hazard quotient (HQ). The HQs are summed across all noncarcinogenic chemicals and exposure routes to determine cumulative hazard index (HI). For risk assessment purposes, a residential and non-residential/worker exposure scenario was used for landfill gas, groundwater, and sediment samples, and the recreator/trespasser exposure scenario was used for surface water samples. The Resident Receptor scenario is based upon the assumption that people would live at the park for 350 days per year, 24 hours per day, for 26 years (6 years as a child and 20 years as an adult).

5.1 Landfill Gas Samples

The NCDEQ Risk Calculator was run for each landfill gas sample location. The risk calculator uses analytical results and generates a Carcinogenic Risk and Hazard Index value. None of the sample locations exceeded the Residential Receptor or the Non-Residential Worker for landfill gas from the concentrations reported by the laboratory.

5.2 Surface Water Samples

The NCDEQ Risk Calculator was run for each individual surface water sample location. None of the sample locations exceeded risk for the recreator/trespasser receptor.

5.3 Sediment Samples

The NCDEQ Risk Calculator was run for each individual sediment sample location. None of the sample locations exceeded risk for the residential, non-residential, nor recreator/trespasser receptor.

Appendix V contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, called LFGP-DUP, was collected on September 5, 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 Duplicate-1, was collected on August 28, 2025, from MW-9. 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-6/SED-6. 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. The analyte 2-Butanone was found between the method detection limit (MDL) and the reporting limit (RL), at a concentration of 3.88 µg/L; this detection did not affect the results for the record samples.

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. 23050630, dated March 13, 2025, for Task Orders 824RI-8 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

January 12, 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 12th day of January, 2026.

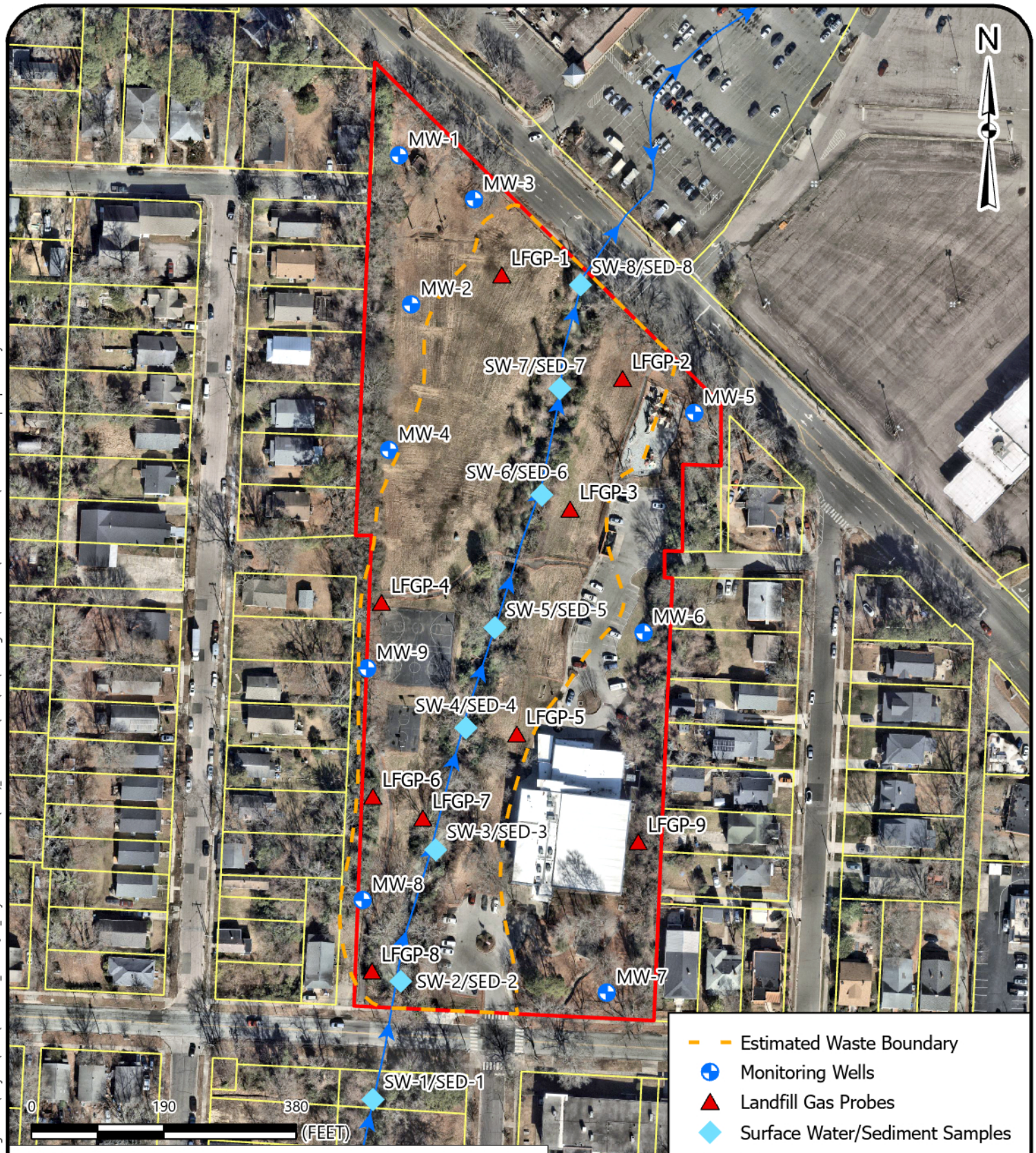
(OFFICIAL SEAL)

Wilma Craft
Notary Public (signature)

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

My commission expires: March 12 2028

Figures



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-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.aprx plotted by RachelMoore

SITE MAP

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 190 ft
DATE: 12/10/2025
PROJECT NUMBER 23050630

FIGURE NO. 1

NOTES:
LANDFILL GAS SCREENING WAS CONDUCTED ON AUGUST 20, 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-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 165 ft
DATE: 12/10/2025
PROJECT NUMBER 23050630
FIGURE NO. 2

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.aprx plotted by RachelMoore

NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON SEPTEMBER 5, 2025. METHANE WAS DETECTED ABOVE THE LABORATORY DETECTION LIMIT AT LFGP-1, LFGP-4, AND LFGP-8 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

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.

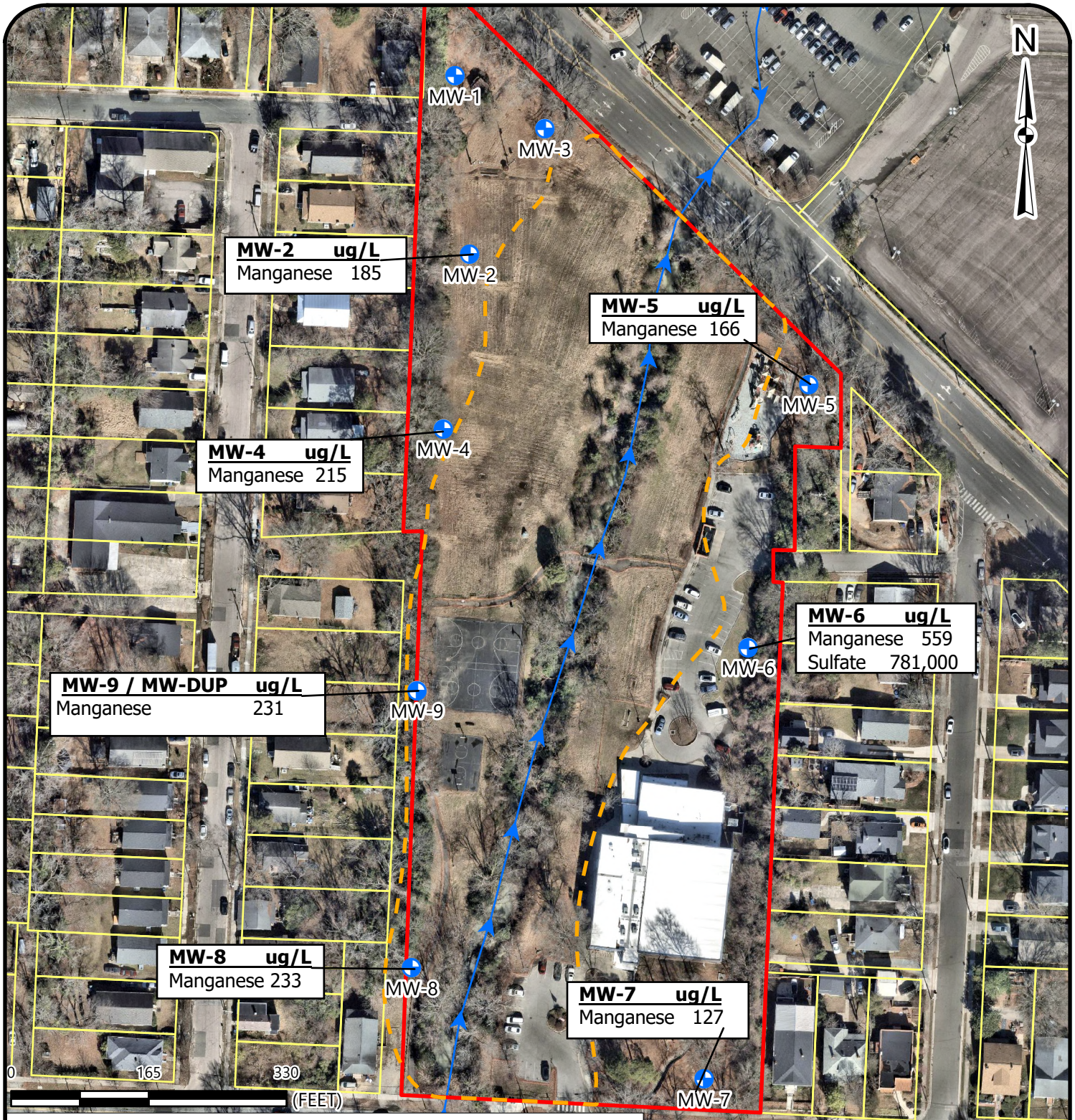
- Estimated Waste Boundary
- Landfill Gas Probes
- Stream
- Site Boundary
- Durham County Parcels

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 165 ft
DATE: 12/18/2025
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-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.aprx plotted by RachelMoore



NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON AUGUST 28, 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.

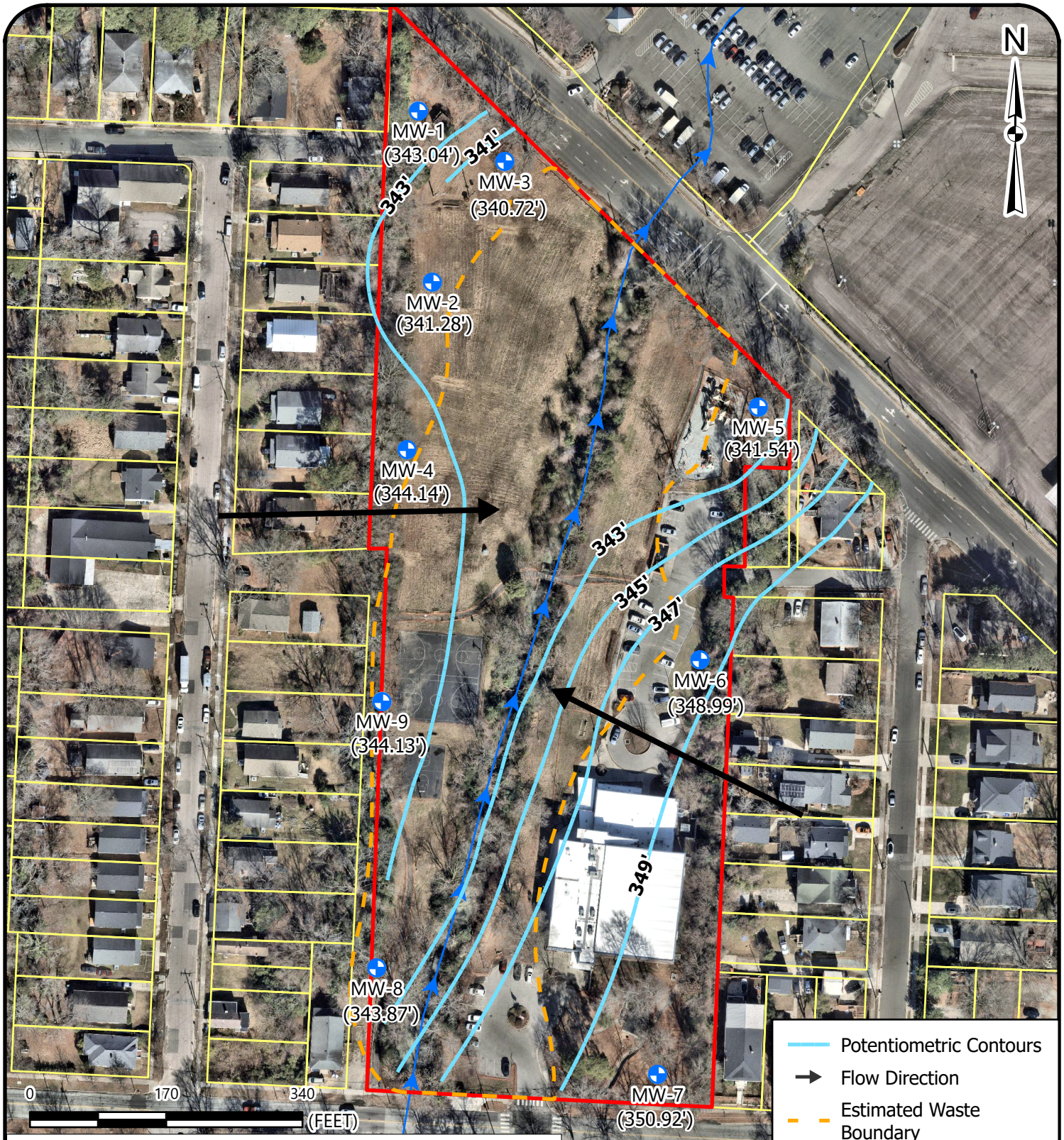
- Estimated Waste Boundary
- Monitoring Wells
- Stream
- Site Boundary
- Durham County Parcels

GROUNDWATER ANALYTICAL RESULTS

WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 824RI-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 165 ft
DATE: 12/17/2025
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-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.aprx plotted by MadisonAllen



NOTES:
DEPTH TO GROUNDWATER WAS MEASURED ON AUGUST 18, 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-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 170 ft	5
DATE: 12/18/2025	
PROJECT NUMBER 23050630	

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.aprx plotted by RachelMoore

NOTES:
SURFACE WATER FLOWS FROM SOUTH TO NORTH.
SURFACE WATER SAMPLING WAS CONDUCTED ON MAY 28-29, 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-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 190 ft
DATE: 12/10/2025
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-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.aprx plotted by JonathanOlanin

NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON MAY 28-29, 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

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-8
1308. W CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE: 1 in = 190 ft
DATE: 12/17/2025
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-8 Figures\Walltown\Walltown RI-8\Walltown RI-8.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-8

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, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

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	8/20/2025	**19**	0	0	0
LFGP-2	8/20/2025	**29.4**	0	0	0
LFGP-3	8/20/2025	**31.5**	0	0	0
LFGP-4	8/20/2025	**13.5**	0	0	0
LFGP-5	8/20/2025	**3.5**	0	0	0
LFGP-6	8/20/2025	**4.5**	0	0	0
LFGP-7	8/20/2025	**5.1**	0	0	0
LFGP-8	8/20/2025	**7.3**	0	0	0
LFGP-9	8/20/2025	Not installed at time of screening			

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, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

Analytical Method		Analyte	CAS Number	Sample ID	LFGP-1	LFGP-2	LFGP-3	LFGP-4	LFGP-5	LFGP-6	LFGP-7	LFGP-8	LFGP-9	LFGP-DUP
				Date Collected	9/5/2025	9/5/2025	9/5/2025	9/5/2025	9/5/2025	9/5/2025	9/5/2025	9/5/2025	9/8/2025	9/5/2025
Volatile Organic Compounds by Method TO-15 (µg/m3)		1,3-Dichlorobenzene	541-73-1		**5.6**	<5.0	<5.0	<5.1	<4.9	<4.5	<4.8	<5.3	<5.3	<5.6
		2-Butanone (MEK)	78-93-3		<9.7	<9.8	<9.9	**24**	<9.6	<8.8	<9.4	<10	<10	<11
		Acetone	67-64-1		**150**	**60**	**55**	**620**	**47**	**99**	**180**	**33**	**33**	**62**
		Chloroform	67-66-3		**6.8**	<4.1	<4.1	<4.2	<4.0	<3.6	**16**	**8.3**	**14**	<4.6
		2-Propanol	67-63-0		**20**	**45**	<8.2	**25**	**17**	<7.3	<7.8	<8.6	<8.6	<9.2
		Tetrachloroethylene (PCE)	127-18-4		<5.6	**82**	**460**	<5.8	**39**	<5.0	<5.4	**34**	<6.0	**430**
		Ethanol	64-17-5		<16	<16	<16	**37**	<16	<16	<16	<16	<16	<16
ASTM D5504-12 (ug/m3)		Hydrogen Sulfide	7783-06-4		<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
NIOSH 6009 (ug/m3)		Mercury	7439-97-6		<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
EPA Method 3C (%)		Methane	74-82-8		**0.00039**	<0.00017	<0.00017	**0.00020**	<0.00016	<0.00015	<0.00016	**0.00022**	<0.00018	<0.00019
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			1.7E-06	2.3E-07	1.3E-06	0.0E+00	1.1E-07	0.0E+00	3.90E-06	2.10E-06	3.40E-06	1.3E-06
		Non-Carcinogenic Hazard Quotient			1.0E-01	6.5E-02	3.3E-01	3.7E-03	3.0E-02	0.0E+00	2.40E-01	1.50E-01	2.10E-01	3.3E-01
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			1.3E-07	1.7E-08	9.8E-08	0.0E+00	8.3-09	0.0E+00	3.00E-07	1.60E-07	2.60E-07	9.8E-08
		Non-Carcinogenic Hazard Quotient			8.2E-03	5.2E-03	2.6E-02	3.0E-04	2.4E-03	0.0E+00	1.90E-02	1.20E-02	1.60E-02	2.6E-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 September 10th.
ASTM D5504 Hydrogen Sulfide Samples were collected on September 8th.

TABLE 4
Groundwater Monitor Well Construction & Groundwater Level
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

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'	8/18/2025	4.93	343.04
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'	8/18/2025	6.24	341.28
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'	8/18/2025	6.15	340.72
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'	8/18/2025	2.89	344.14
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'	8/18/2025	10.35	341.54
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'	8/18/2025	10.43	348.99
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'	8/18/2025	18.19	350.92
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'	8/18/2025	7.34	343.87
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'	8/18/2025	3.56	344.13

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, Durham County, North Carolina

S&ME Project No. 23050630 Task Order RI-8

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	8/28/2025	6.9	20.8	316	18
MW-2	8/28/2025	7.3	21.5	583	4.8
MW-3	8/28/2025	7.4	22.7	508	1.7
MW-4	8/28/2025	7.5	18.9	603	5.6
MW-5	8/28/2025	7.9	20.5	524	43
MW-6	8/28/2025	7.0	20.9	1592	3.1
MW-7	8/28/2025	5.7	19.1	1114	3.0
MW-8	8/28/2025	7.3	18.8	513	4.1
MW-9	8/28/2025	7.5	19.4	577	5.3

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, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

Analytical Method		Method 8260D - Volatile Organic Compounds (µg/l)		Method 8270E SIM (µg/l)	Metals by EPA Method 6020 (µg/l)											Method 7471B (µg/l)	Method 9056A (µg/L)	
CAS Number		78-93-3	74-87-3	123-91-1	7440-38-2	7440-39-3	7440-41-7	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	7439-97-6	14797-55-8	14808-79-8
Analyte		2-Butanone (MEK)	Chloromethane	1,4-Dioxane	Arsenic	Barium	Beryllium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Mercury	Nitrate as (N)	Sulfate
Sample ID	Date Collected																	
MW-1	8/28/2025	<25	**0.723 J**	<0.323	**1.75 J**	**63.7**	<1.00	**9.47**	<5.00	**1.94 J**	<1.00	**35.8**	**1.48 J**	**2.45 J**	**22.8**	<0.200	<100	**1820 J**
MW-2	8/28/2025	**4.92 J**	**1.17**	<0.420	**1.56 J**	**126**	<1.00	<5.00	<5.00	<2.00	<1.00	**185**	**1.06 J**	**3.25**	<10	<0.200	<100	**27300**
MW-3	8/28/2025	**5.62 J**	**1.65**	<0.314	<5.00	**76.2**	<1.00	<5.00	<5.00	<2.00	<1.00	**5.43**	<5.00	**2.28 J**	<10	<0.200	**269**	**33400**
MW-4	8/28/2025	<25	**1.16**	**0.429**	<5.00	**570**	<1.00	<5.00	<5.00	<2.00	<1.00	**215**	<5.00	<5.00	<10	<0.200	<100	**23700 F1**
MW-5	8/28/2025	<25	**0.773 J**	<0.285	<5.00	**62.1**	<1.00	<5.00	**0.567 J**	**1.05 J**	<1.00	**166**	**0.941 J**	**8.11**	<10	<0.200	**31.1 J**	**23300**
MW-6	8/28/2025	<25	<1.00	<0.322	<5.00	**221**	<1.00	<5.00	**0.793 J**	**1.02 J**	<1.00	**559**	**4.02 J**	**2.19 J**	<10	<0.200	<100	**781000**
MW-7	8/28/2025	<25	**0.843 J**	<0.324	<5	**63.1**	**1.23**	<5.00	**0.621 J**	**1.77 J**	**1.47**	**127**	**55.7**	<5.00	**15**	<0.200	<100	**186000**
MW-8	8/28/2025	<25	**0.815 J**	<0.299	<5	**163**	<1.00	<5.00	<5.00	**0.801 J**	<1.00	**233**	**0.563 J**	**3.44 J**	<10	<0.200	**83.2 J**	**8120**
MW-9	8/28/2025	<25	<1.00	<0.297	**1.47 J**	**178**	<1.00	<5.00	<5.00	<2.00	<1.00	**231**	**0.450 J**	**3.54 J**	<10	<.200	<100	**1930 J**
DUPLICATE-1	8/28/2025	<25	**1.15**	**0.645**	<5.00	**567**	<1.00	<5.00	<5.00	<2.00	<1.00	**217**	<5.00	<5.00	<10	<0.200	<100	**17900**
15A NCAC 2L Groundwater Standards & IMACs		4,000	3	3	10	700	4	10	1	1,000	15	50	100	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-9.

Table 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

Analytical Method		Method 6020B (ug/L)												Method 9056A (ug/L)		NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		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		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	5/28/2025	**0.500 J**	**1.07 J**	**31.8**	<0.237	<1.2	**0.305 J**	**11.2**	**3.12**	**35.6**	**1.67 J**	<0.63	**21.5**	**747**	**9330**	9.4E-07	4.20E-02
SW-2	5/28/2025	**0.485 J**	**1.06 J**	**23.4**	<0.237	**1.27 J**	**0.915**	**13**	**3.69**	**29.8**	**2.69 J**	**2.39 J**	**26.7**	**604**	**5460**	9.3E-07	5.40E-02
SW-3	5/29/2025	<0.34	<0.86	**45.6**	<0.237	<1.2	<0.22	**8.9**	**1.67**	**27.7**	**1.84 J**	**1.75 J**	**18**	**915**	**15700**	0.00E+00	1.80E-02
SW-4	5/29/2025	<0.34	<0.86	**44**	<0.237	<1.2	<0.22	**8.15**	**1.33**	**21.5**	**1.71 J**	**1.69 J**	**16.9**	**1070**	**16000**	0.00E+00	1.50E-02
SW-5	5/28/2025	**0.455 J**	**1.14 J**	**23.7**	<0.237	**1.22 J**	**0.365 J**	**12.3**	**5.09**	**19**	**1.82 J**	**1.78 J**	**24.4**	**481**	**5260**	1.0E-06	4.10E-02
SW-6	5/28/2025	**0.475 J**	**0.915 J**	**24.1**	<0.237	<1.2	**0.555**	**12.6**	**3.66**	**25.6**	**2.03 J**	**2.18 J**	**25.7**	**563**	**5600**	8.0E-07	4.40E-02
SW-7	5/29/2025	<0.34	<0.86	**46.6**	<0.237	<1.2	<0.22	**9.12**	**1.49**	**28.3**	**1.94 J**	**1.55 J**	**26.1**	**1000**	**15200**	0.00E+00	1.80E-02
SW-8	5/29/2025	<0.34	<0.86	**43.7**	<0.237	<1.2	<0.22	**9.21**	**1.48**	**32.5**	**1.67 J**	**1.68 J**	**18.5**	**765**	**14100**	0.00E+00	2.00E-02
SW-Dup	5/28/2025	**0.450 J**	<0.86	**21.1**	<0.237	<1.2	**0.395 J**	**11.2**	**2.76**	**18.3**	**1.78 J**	**1.67**	**20.7**	**514**	**5470**	See SW-6	
15A NCAC 2B Surface Water Standards		**6**	**10**	**1000**	**0.25**	**24**	**NE**	**2.7**	**0.54**	**NE**	**16**	**NE**	**36**	**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), 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).

Table 8
Sediment Sample Analytical Results Summary
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

Analytical Method		Method 8270E SIM	Method 8260D - Volatile Organic Compounds (VOCs)					Method 8270E - Semi-Volatile Organic Compounds (SVOCs)						Method 6020B - Metals																Method 7471B	Method 9056A	NCDEQ Risk Calculator					
CAS Number		123-91-1	67-64-1	78-93-3	99-87-6	100-42-5	108-88-3	50-32-8	205-99-2	218-01-9	206-44-0	85-01-8	129-00-0	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		1,4-Dioxane	Acetone	2-Butanone (MEK)	4-Isopropyltoluene	Styrene	Toluene	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Fluoranthene	Phenanthrene	Pyrene	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																																		
SED-1	5/28/2025	**0.009 B**	**0.175**	**0.0147 J**	<0.000914	**0.00142 J**	<0.000914	**0.423 J**	**0.717 J**	**0.639 J**	**1.28 J**	<0.475	**0.835 J**	**0.412 J**	**1.23**	**47.7**	**0.337**	**0.223**	**13.3**	**5.56**	**18.4**	**39.3**	**191**	**14.6**	**0.328 J**	**0.0435 J**	<0.036	**22.1**	**78.1**	**0.0271 J**	<8.85	6.1E-06	5.3E-01	6.5E-07	3.7E-02	2.6E-06	2.2E-01
SED-2	5/28/2025	**0.00923 B**	**0.0472**	**0.00581 J**	**0.0017 J**	<0.00831	**0.00105 J**	<0.123 *3	<0.259 *3	<0.277	**0.777 J**	<0.212	**0.482 J**	**0.253 J**	**0.634**	**29.7**	**0.190 J**	**0.205 J**	**6.7**	**4.2**	**10.7**	**54.8**	**89.9**	**13.1**	<0.105	**0.049 J**	<0.0360	**14.2**	**86.1**	**0.0264 J**	**40.4**	9.4E-07	3.4E-01	2.1E-07	2.4E-02	4.0E-07	1.4E-01
SED-3	5/29/2025	**0.00889**	**0.0749**	**0.00740 J**	<0.000914	<0.00831	**0.00118 J**	<0.116 *3	<0.244 *3	<0.262	**0.512 J**	<0.200	<0.462	<0.198	**0.377 J**	**12.4 B**	**0.0788 J**	**0.0985 J**	**4.09 B**	**3.1**	**6.94 B**	**9.84**	**78.2**	**11.4**	**0.166 J**	**0.0137 J B**	<0.0365	**13.1**	**38.5**	<0.0185	**16.6 J**	5.6E-07	2.4E-01	1.3E-07	1.7E-02	2.4E-07	1.0E-01
SED-4	5/29/2025	<0.00703	**0.0163**	<0.0412	<0.000914	<0.00831	<0.000914	<0.122 *3	<0.257 *3	<0.276	**0.591**	<0.211	<0.462	<0.174	**0.499**	**18.4 B**	**0.112 J**	**0.0133 J**	**4.70 B**	**3.14**	**7.92 B**	**15.5**	**80.2**	**10.1**	**0.158 J**	**0.0166 J B**	<0.0321	**10.4**	**54.6**	<0.0185	<9.60	7.4E-07	2.3E-01	1.7E-07	1.6E-02	3.2E-07	1.0E-01
SED-5	5/28/2025	**0.0403 B**	**0.0469**	<0.0183	<0.000914	<0.00831	<0.000914	<0.119 *3	<0.250 *3	<0.268	**0.763 J**	<0.205	**0.489 J**	**0.185 J**	**0.464**	**19.5**	**0.13**	**0.136**	**3.98**	**2.65**	**9.12**	**19.2**	**77.7**	**7.96**	**0.121 J**	**0.0189 J**	<0.0326	**7.28**	**53.8**	<0.0190	**11.5 J**	6.9E-07	2.2E-01	1.6E-07	1.5E-02	3.0E-07	9.6E-02
SED-6	5/28/2025	<0.00703	**0.259**	**0.0227**	<0.000914	<0.00831	**0.00206 J**	**0.51 J**	**0.825 J**	<0.263	**1.51 J**	<0.201	**0.921 J**	**0.835 J**	**1.08**	**45.9**	**0.245**	**0.226**	**10**	**4.49**	**17.7**	**41.2**	**158**	**13.5**	**0.268 J**	**0.219**	<0.0371	**19.7**	**121**	**0.0121 J**	**37.5**	6.8E-06	4.7E-01	6.4E-07	3.3E-02	2.9E-06	2.0E-01
SED-7	5/29/2025	<0.00703	**0.112**	**0.00927 J**	<0.000914	<0.00831	<0.000914	**0.459 J**	<0.249 *3	<0.267	**1.54 J**	**0.668 J**	**0.948 J**	**0.619 J**	**4.04**	**122 B**	**0.507**	**0.944**	**18.2 B**	**6.36**	**55.7 B**	**114**	**290**	**18.9**	**0.753 J**	**0.0264 J**	**0.133 J**	**23.6**	**371**	<0.0185	**32.3**	1.0E-05	1.0E+00	1.6E-06	6.9E-02	4.3E-06	4.3E-01
SED-8	5/29/2025	<0.00703	**0.205**	**0.0176 J**	<0.000914	<0.00831	<0.000914	**0.442 J**	**0.642 J**	<0.267	**1.40 J**	**0.516 J**	**0.893 J**	<0.180	**1.11**	**25.3 F1 B**	**0.147 J**	**0.193 J**	**7.85 B**	**3.62**	**15.5 B**	**68.1**	**121**	**10.2**	**0.236 J**	**0.0457 J B**	**0.097 J**	**12.7 F1**	**84.6**	<0.0185	**18.5 J**	6.0E-06	4.8E-01	6.1E-07	3.3E-02	2.6E-06	2.0E-01
SED-Dup	5/28/2025	**0.0736 B**	**0.148**	**0.014 J**	<0.000914	<0.00831	<0.000914	<0.115 *3	<0.243 *3	<0.260	**0.900 J**	<0.199	**0.543 J**	**0.333 J**	**0.911**	**36.2**	**0.197**	**0.127**	**7.74**	**3.54**	**18**	**33**	**137**	**10.3**	**0.167**	**0.0392**	<0.0383	**12.6**	**89.6**	**0.0127 J**	**11.3 J**	**See SED-6**					
EPA Resident Soil Screening Levels		**5.3**	**7,000**	**2,700**	**17**	**600**	**490**	**0.11**	**1.1**	**110**	**240**	**NE**	**180**	**3.1**	**0.68**	**1,500**	**16**	**0.71**	**NE**	**2.3**	**310**	**200**	**180**	**140**	**39**	**39**	**0.078**	**39**	**2,300**	**0.71**	**NE**						

Notes:
Concentrations are reported in milligrams per kilogram (mg/kg).
Target constituents not shown for the method were not detected.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
All detections are shown in **BOLD.**
Detections that exceed the United States Environmental Protection Agency Regional Screening Levels for Chemical Contaminants at Superfund Sites Table.
Compound not in January 2025 NCDEQ Risk Calculator, concentration not entered.
J: Result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value.
F1 (Metals): MS and/ or MSD recovery exceeds control limits.
B: Compound was found in blank and sample.
NE: Not Established
*3 = ISTD response or retention time outside acceptable limits.
EPA Resident Soil Screening levels based on a target cancer risk of 1E-06 and a target hazard quotient of 0.1 [from the USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024].

Appendices

Appendix I- Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
City of Durham Parks - Walltown Park (NONCD0000824)
1308 W. Club Boulevard, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-8

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 – Well Construction Records for LFGP and MW

Print Form

WELL CONSTRUCTION RECORD (GW-1)

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 & 8/4 - 8/5 2025 **Well ID#** MW-1

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ **Yes** or ☑ **No**
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@21.2 **(ft.)**
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**
If water level is above casing, use "-"

11. Borehole diameter: 6 **(in.)**

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
11.2 ft.	0 ft.	2 in.	sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
21.2 ft.	11.2 ft.	2 in.	0.01	sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
9.2 ft.	7.2 ft.	Bentonite	pour
7.2 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
21.2 ft.	9.2 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 8/27/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4-8/4-8/5 2025 **Well ID#** MW-2

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@ 31.7 **(ft.)**
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**
If water level is above casing, use "-"

11. Borehole diameter: 6 **(in.)**

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
16.7 ft.	0 ft.	2 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
31.7 ft.	16.7 ft.	2 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
14.7 ft.	12.7 ft.	Bentonite	POUR
12.7 ft.	0 ft.	Grout	POUR
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
31.7 ft.	14.7 ft.	#2 med.	POUR
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4/4-8/5 2025 **Well ID#** MW-3

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@ 21.2 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
11.2 ft.	0 ft.	2 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
21.2 ft.	11.2 ft.	2 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
9.2 ft.	7.2 ft.	Bentonite	pour
7.2 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
21.2 ft.	9.2 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 8/27/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4/4-8/5 2025 **Well ID#** MW-4

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@ 31.5 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
16.5 ft.	0 ft.	2 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
31.5 ft.	16.5 ft.	2 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
14.5 ft.	12.5 ft.	Bentonite	pour
12.5 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
31.5 ft.	14.5 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor

8/27/25
Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 & 8/4 - 8/5 2025 **Well ID#** MW-5

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: @ 36.5 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2.15 ft.	0 ft.	2 in.	sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
36.5 ft.	21.5 ft.	2 in.	0.01	sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
19.5 ft.	17.5 ft.	Bentonite	pour
17.5 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
36.5 ft.	19.5 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 8/27/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 + 8/4 - 8/5 2025 **Well ID#** MW-6

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: to 31.5 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
16.5 ft.	0 ft.	2 in.	sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
31.5 ft.	16.5 ft.	2 in.	0.01	sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
14.5 ft.	12.5 ft.	Bentonite	pour
12.5 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
31.5 ft.	14.5 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 8/27/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4-8/4-8/5 2025 **Well ID#** MW-7

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@30 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
15 ft.	0 ft.	2 in.	Sch. 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
30 ft.	15 ft.	2 in.	0.01	Sch. 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
13 ft.	11 ft.	Bentonite	POUR
11 ft.	0 ft.	Grout	POUR
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
30 ft.	13 ft.	#2 med.	POUR
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4-8/4-8/5 2025 **Well ID#** MW-8

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ **Yes** or ☑ **No**
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@ 31.7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
14.7 ft.	0 ft.	2 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
31.7 ft.	16.7 ft.	2 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
14.7 ft.	12.7 ft.	Bentonite	pour
12.7 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
31.7 ft.	14.7 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 8/27/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 **Well ID#** MW-9

5a. Well Location: 4-8/4-8/5 2025

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: @ 31.7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
16.7 ft.	0 ft.	2 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
31.7 ft.	16.7 ft.	2 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
14.7 ft.	12.7 ft.	Bentonite	pour
12.7 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
31.7 ft.	14.7 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4/4-8/5 2025 **Well ID#** LFGP-8

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 10@7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2 ft.	0 ft.	1 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
7 ft.	2 ft.	1 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	1 ft.	Bentonite	pour
1 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
7 ft.	2 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 **Well ID#** LFGP-7
4-8/4-8/5 2025

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2 ft.	0 ft.	1 in.	sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
7 ft.	2 ft.	1 in.	0.01	sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	1 ft.	Bentonite	pour
1 ft.	0 ft.	Grut	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
7 ft.	2 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4-8/4-8/5 2025 **Well ID#** LFGP-6

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 10@7 **(ft.)**
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ **(ft.)**
If water level is above casing, use "-"

11. Borehole diameter: 6 **(in.)**

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2 ft.	0 ft.	1 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
7 ft.	2 ft.	1 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	1 ft.	Bentonite	pour
1 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
7 ft.	2 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4-8/4-8/5 2025 **Well ID#** LFGP-5

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 10@7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2 ft.	0 ft.	1 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
7 ft.	2 ft.	1 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	1 ft.	Bentonite	POUR
1 ft.	0 ft.	Grout	POUR
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
7 ft.	2 ft.	#2 med.	POUR
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LL
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4/4-8/5 2025 **Well ID#** LFGP-4

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ **Permanent** or ☐ **Temporary**

7. Is this a repair to an existing well: ☐ **Yes** or ☑ **No**
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2 ft.	0 ft.	1 in.	Sch.40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
7 ft.	2 ft.	1 in.	0.01	Sch.40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	1 ft.	Bentonite	POUR
1 ft.	0 ft.	Grout	POUR
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
7 ft.	2 ft.	#2 med.	POUR
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 **Well ID#** LFGP-3
4-8|4-8|5
2025

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@9 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
4 ft.	0 ft.	1 in.	Sch. 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
9 ft.	4 ft.	1 in.	0.01	Sch. 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
4 ft.	3 ft.	Bentonite	POUR
3 ft.	0 ft.	Grout	POUR
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
9 ft.	4 ft.	#2 med.	POUR
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8|27|25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 4-8/4-8/5 2025 **Well ID#** LFGP-2

5a. Well Location:
Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 1@7 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2 ft.	0 ft.	1 in.	Sch. 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
7 ft.	2 ft.	1 in.	0.01	Sch. 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	1 ft.	Bentonite	pour
1 ft.	0 ft.	Grout	pour
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
7 ft.	2 ft.	#2 med.	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Signature of Certified Well Contractor — Date: 8/27/25

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

WELL CONSTRUCTION RECORD (GW-1)

Print Form

For Internal Use Only:

1. Well Contractor Information:

T. Bolyard
Well Contractor Name

3307
NC Well Contractor Certification Number

Environmental Drilling & Probing Services, LLC
Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☑ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 7/28 - 7/31 & 8/4-8/5 2025 **Well ID#** LFGP-1

5a. Well Location:

Walltown Park
Facility/Owner Name

Facility ID# (if applicable)

1308 W Club Blvd. Durham, NC
Physical Address, City, and Zip

Durham
County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ N _____ W

6. Is(are) the well(s): ☑ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☑ No
If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: ONE

9. Total well depth below land surface: 10@3 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 6 (in.)

12. Well construction method: Air Rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) _____ **Method of test:** _____

13b. Disinfection type: _____ **Amount:** _____

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
2.5 ft.	0 ft.	1/4 in.	Teflon	Tubing
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	1/2 in.	SVP 55	1/2 - 1/4	S. Steel
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
2 ft.	0 ft.	#16 bent.	(granulated Bentonite)
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
3 ft.	2 ft.	#2 med	pour
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

_____ 8/27/25
Signature of Certified Well Contractor — Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

Appendix III – S&ME Field Notes

Environmental Field Report	
Date: 2025-05-28 & 2025-05-29	**Job Number:** 23050630
Project Name: City of Durham Parks Walltown Park SED/SW Sampling	**Weather/Temperature:**
Project Location: 1308 W. Club Blvd, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin; Bob Walton

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

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

- Arrive at the site. Scout the park area.

- Calibration of the multipurpose meter (Hanna HI98129):

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

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

	Sampling Time	Sediment ID	Surface Water ID	pH	Conductivity (uS/cm)	Temperature (°C)	Turbidity (NTU)	Relative Flow
	0950	SED-1	SW-1	8.06	1456	17.2	14.7	Low
5/28								
	1250	SED-2	SW-2	7.96	1064	19.1	41.84	Low
	1350	SED-6	SW-6	7.82	103.5	19.4	26.93	Mod
	1350	SED-DUP	DUP	7.82	103.5	19.4	26.93	Mod
	1515	SED-5	SW-5	7.86	102	19.5	21.16	Mod
	1000	SED-8	SW-8	7.72	219	18.8	8.09	Low
5/29	1040	SED-7	SW-7	7.77	224	19.0	7.43	Low
	1145	SED-4	SW-4	7.89	230	19.3	7.58	Low
	1210	SED-3	SW-3	7.87	260	19.4	8.38	Low

Hours	Mileage	Signature of S&ME Personnel
12.0	60	James C. Waters Jonathan Olanin

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-1**	Purge Time (Min.):	40
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	Brandon Governo	Sample Time:	14:35
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	5.37	ft-TOC
Total Well Depth:	21.20	ft-TOC
Height of Water Column:	15.83	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.6	gal
3 * Well Volume	7.7	gal
5 * Well Volume	12.9	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:50 **End Time:** 14:30

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	13:55	7.6	23.2	489	40	
	14:00	7.7	21.4	400	36	
	14:05	7.7	21.5	394	35	
	14:10	7.8	21.1	392	44	
	14:15	7.2	21.2	341	42	
	14:20	7.0	21	326	36	
	14:25	6.9	20.9	318	20	
	14:30	6.9	20.8	316	18	

Sample Method: Peristaltic Pump **Sample Time:** 14:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

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

Notes:

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:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-2**	Purge Time (Min.):	35
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	Brandon Governo	Sample Time:	16:40
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	6.86	ft-TOC
Total Well Depth:	31.70	ft-TOC
Height of Water Column:	24.84	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	12.2	gal
5 * Well Volume	20.3	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 16:00 **End Time:** 16:35

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	16:05	7.4	21.5	590	304	
	16:10	7.4	21.5	593	44	
	16:15	7.4	21.6	593	6.7	
	16:20	7.3	21.5	590	6.9	
	16:25	7.3	21.5	587	1.2	
	16:30	7.3	21.5	585	6.7	
	16:35	7.3	21.5	583	4.8	

Sample Method: Peristaltic Pump **Sample Time:** 16:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

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

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-3**	Purge Time (Min.):	35
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	Brandon Governo	Sample Time:	15:50
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	6.45	ft-TOC
Total Well Depth:	21.20	ft-TOC
Height of Water Column:	14.75	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.4	gal
3 * Well Volume	7.2	gal
5 * Well Volume	12.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 15:10 **End Time:** 15:45

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	15:15	7.3	23.5	508	19	
	15:20	7.3	22.7	502	7.1	
	15:25	7.3	22.1	507	6.6	
	15:30	7.4	22.4	507	3.2	
	15:35	7.4	22.7	508	3.7	
	15:40	7.4	22.8	508	3.1	
	15:45	7.4	22.7	508	1.7	

Sample Method: Peristaltic Pump **Sample Time:** 15:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

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

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-4**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	C. Faircloth	Sample Time:	12:10
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.34	ft-TOC
Total Well Depth:	32.00	ft-TOC
Height of Water Column:	28.66	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.7	gal
3 * Well Volume	14.0	gal
5 * Well Volume	23.4	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:35 **End Time:** 12:05

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	11:35	7.6	19.7	620	33	
0.2	11:40	7.5	19.2	590	13	
0.4	11:45	7.5	19.1	583	12	
0.6	11:50	7.5	19.1	591	7.4	
0.8	11:55	7.5	19	592	7.7	
1.0	12:00	7.5	19.1	604	10.0	
1.2	12:05	7.5	18.9	603	5.6	

Sample Method: Peristaltic Pump **Sample Time:** 12:10

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		12/18/2025

Notes: Duplicate-1 collected here

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-5**	Purge Time (Min.):	40
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	Brandon Governo	Sample Time:	11:50
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	11.21	ft-TOC
Total Well Depth:	36.50	ft-TOC
Height of Water Column:	25.29	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	20.6	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:05 **End Time:** 11:45

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	11:10	8.0	21.1	622	84	
	11:15	7.8	20.5	567	79	
	11:20	7.9	20.1	537	54	
	11:25	7.8	20.5	539	58	
	11:30	7.8	20.4	531	46	
	11:35	7.9	20.4	528	49	
	11:40	7.9	20.5	525	40	
	11:45	7.9	20.5	524	43	

Sample Method: Peristaltic Pump **Sample Time:** 11:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

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

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-6**	Purge Time (Min.):	35
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	Brandon Governo	Sample Time:	12:55
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	11.95	ft-TOC
Total Well Depth:	31.50	ft-TOC
Height of Water Column:	19.55	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.2	gal
3 * Well Volume	9.6	gal
5 * Well Volume	16.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:15 **End Time:** 12:50

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	12:20	6.9	21.6	1,597	0.64	
	12:25	7.0	20.4	1,608	1.2	
	12:30	7.0	20.3	1,601	2.9	
	12:35	6.9	20.5	1,599	3.5	
	12:40	6.9	20.8	1,598	4.2	
	12:45	7.0	20.8	1,595	8.0	
	12:50	7.0	20.9	1,592	3.1	

Sample Method: Peristaltic Pump **Sample Time:** 12:55

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

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

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-7**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	C. Faircloth	Sample Time:	17:35
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	18.09	ft-TOC
Total Well Depth:	30.00	ft-TOC
Height of Water Column:	11.91	feet
Screen Length:	15	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.9	gal
3 * Well Volume	5.8	gal
5 * Well Volume	9.7	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 17:05 **End Time:** 17:30

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	17:05	5.8	20.6	1,131	5.4	
0.2	17:10	5.7	19.3	1,127	7.5	
0.4	17:15	5.7	19.3	1,130	5.0	
0.6	17:20	5.7	19.3	1,121	3.0	
0.8	17:25	5.7	19.4	1,132	3.3	
1.0	17:30	5.7	19.1	1,114	3.0	

Sample Method: Peristaltic Pump **Sample Time:** 17:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		12/18/2025

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-8**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	C. Faircloth	Sample Time:	16:00
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	7.80	ft-TOC
Total Well Depth:	31.50	ft-TOC
Height of Water Column:	23.70	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	11.6	gal
5 * Well Volume	19.3	gal

Well Purging Information

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

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	15:25	7.3	20.4	522	3.0	
	15:30	7.3	19.7	525	4.3	
	15:35	7.3	19.6	527	2.3	
	15:40	7.3	19.1	521	2.5	
	15:45	7.3	19	518	3.8	
	15:50	7.3	18.8	521	3.0	
	15:55	7.3	18.8	513	4.1	

Sample Method: Peristaltic Pump **Sample Time:** 16:00

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		12/18/2025

Notes:

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Walltown		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	25050630	Purge Date:	August 28, 2025
Source Well:	**MW-9**	Purge Time (Min.):	40
Locked?:	No	Sample Date:	August 28, 2025
Sampled By:	C. Faircloth	Sample Time:	14:15
Weather:	Overcast	Air Temp:	70 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	8/28/25	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	8/28/25	09:10	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.66	ft-TOC
Total Well Depth:	31.00	ft-TOC
Height of Water Column:	26.34	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	12.9	gal
5 * Well Volume	21.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:30 **End Time:** 14:10

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	13:40	7.5	20.5	600	4.7	
0.2	13:45	7.5	20.1	587	4.1	
0.4	13:50	7.5	19.9	589	4.3	
0.6	13:55	7.5	19.8	582	5.9	
0.8	14:00	7.5	19.6	585	4.4	
1.0	14:05	7.5	19.6	575	4.7	
1.2	14:10	7.5	19.4	577	5.3	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		12/18/2025

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-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		12/18/2025

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		12/18/2025

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		12/18/2025

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		12/18/2025

Notes:

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

LANDFILL GAS SCREENING FORM

Project Name:	**Walltown Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**				
NCDEQ ID No.:	**NONCD0000824**	Date:	8/20/2025	Gas Analyzer	GEM 5000			
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000		Pre Calibration Time:	830
Task Order:	**824RI-7**	S&ME Personnel:	Clay Faircloth, Brandon Governo	Thermo Hygrometer	UEI OTH 10		Post Calibration Time:	1430

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	09:55	0.0	0	0.0	0	0.0	20.1	0	29.77	72.0	59
BG-2	10:00	0.0	0	0.0	0	0.0	20.1	0	29.77	72.0	59
BG-3	10:05	0.0	0	0.0	0	0.0	20.1	0	29.77	72.0	59
BG-4	10:10	0.0	0	0.0	0	0.0	20.1	0	29.77	72.0	59
LFGP-1	10:30	19.0	0	0.0	0	3.4	19.8	0	29.77	77.0	59
LFGP-2	10:24	29.4	0	0.0	0	0.2	19.5	0	29.77	76.0	59
LFGP-3	10:18	31.5	0	0.0	0	0.0	19.8	0	29.78	75.0	60
LFGP-4	10:35	13.5	0	0.0	0	0.0	19.1	0	29.78	77.0	62
LFGP-5	10:56	3.5	0	0.0	0	0.7	18.8	0	29.80	81.0	62
LFGP-6	10:50	4.5	0	0.0	0	0.0	19.2	0	29.80	80.0	62
LFGP-7	10:42	5.1	0	0.0	0	0.1	18.5	0	29.78	77.0	62
LFGP-8	10:52	7.3	0	0.0	0	0.1	19.1	0	29.79	89.0	61
LFGP-9 (Implant)	not installed at time of screening										

Name	**Signature**	**Date**	**Notes:**
(1) Clay Faircloth		8/18/2025	

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Walltown Park		
Project Number:	23050630 - 823RI-7		
Location:	Durham, NC	**Date:**	9/5/2025
Weather:	Sunny	**Air Temp (°F):**	72
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	6L3267	2456	6L0871	6L1776	6L2097
Regulator ID	23459	24282	26995	25316	24063
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 (%)	18.2	19.2	19.2	13.8	15.2
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	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)	0			0			0			0			0		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	0.0			0.0			0.0			0.0			0.0		
Actual Purge Time (min)	20.0			20.0			20.0			20.0			20.0		

Sample Collection					
Start Time	09:52	10:15	10:15	10:25	10:50
Initial Vacuum (inHg)	30	30	30	29	28
End Time	13:25	12:55	12:55	13:35	13:50
Final Vacuum (inHg)	8	6	6	7	8
Approximate Total Time (min)	0	0	0	0	0
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: Brandon Governo Sampler Signature: Date: 9/5/2025

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.

2. DUPLICATE TAKEN AT LFGP-3

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Walltown Park				
Project Number:	23050630 - 823RI-7				
Location:	Durham, NC			**Date:**	9/5/2025
Weather:	Sunny			**Air Temp (°F):**	73
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	LFGP-6	LFGP-9
Canister ID	6L4384	6L2188	6L2397	6L0394	6L1473
Regulator ID	23439	25538	23683	23424	24392
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 (%)	16.2	13.4	13	16	21.1
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	200	380
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.125%	0.180%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information

Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	3	0	12	7	0	60	7	0	60	7	0	60	5	0	58
Sand Pack Interval Depth (in-bgs)	24	to	36	24	to	84	24	to	84	24	to	84	12	to	70
Volume (mL)	0			0			0			0			0		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	0.0			0.0			0.0			0.0			0.0		
Actual Purge Time (min)	5.0			20.0			20.0			20.0			20.0		

Sample Collection					
Start Time	11:15	11:35	11:55	12:20	11:00
Initial Vacuum (inHg)	28	30	30	28	28
End Time	14:40	14:55	14:50	14:55	13:30
Final Vacuum (inHg)	7	6	5	6	4
Approximate Total Time (min)	0	0	0	0	0
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: Brandon Governo Sampler Signature: Date: 9/5/2025

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.

2. DUPLICATE TAKEN AT LFGP-3. LFGP-9 sampled on 9/8/2025

Appendix IV – Laboratory Analytical Reports and COC

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/11/2025 5:02:22 PM

JOB DESCRIPTION

Wallton Park

JOB NUMBER

752-32995-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Authorized for release by
Chad Bechtold, Project Manager
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(813)690-3563

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Definitions/Glossary

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

Job ID: 752-32995-1

Qualifiers

GC/MS Semi VOA

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

Metals

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

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
752-32995-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/29/2025 2:19 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

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

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

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

Metals
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: Wallton Park

Job ID: 752-32995-1

Client Sample ID: SW-8 — Lab Sample ID: 752-32995-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.765		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	14.1		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	43.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	9.21		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.48		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	32.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.67	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.68	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	18.5		10.0	8.91	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-7 — Lab Sample ID: 752-32995-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.00		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	15.2		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	46.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	9.12		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.49		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	28.3		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.94	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.55	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	26.1		10.0	8.91	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-4 — Lab Sample ID: 752-32995-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.07		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	16.0		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	44.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	8.15		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.33		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	21.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.71	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.69	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	16.9		10.0	8.91	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-32995-1

Client Sample ID: SW-3 — Lab Sample ID: 752-32995-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.915		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	15.7		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	45.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	8.90		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.67		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	27.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.84	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.75	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	18.0		10.0	8.91	ug/L	1		6020B	Total Recoverable

Client Sample ID: Trip Blank — Lab Sample ID: 752-32995-5

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-32995-1

Client Sample ID: SW-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-1
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			06/06/25 11:28	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 11:28	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 11:28	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 11:28	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 11:28	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 11:28	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 11:28	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 11:28	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 11:28	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 11:28	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 11:28	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 11:28	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 11:28	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 11:28	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 11:28	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 11:28	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 11:28	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 11:28	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 11:28	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 11:28	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 11:28	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 11:28	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 11:28	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 11:28	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 11:28	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 11:28	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 11:28	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 11:28	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 11:28	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 11:28	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 11:28	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 11:28	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 11:28	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 11:28	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 11:28	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 11:28	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 11:28	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 11:28	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 11:28	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 11:28	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 11:28	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 11:28	1

Client Sample ID: SW-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-1
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			06/06/25 11:28	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 11:28	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 11:28	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 11:28	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 11:28	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 11:28	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 11:28	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 11:28	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 11:28	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 11:28	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 11:28	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 11:28	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 11:28	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 11:28	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 11:28	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 11:28	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 11:28	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 11:28	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 11:28	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 11:28	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 11:28	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*56 - 136*		*06/06/25 11:28*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*06/06/25 11:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*59 - 146*		*06/06/25 11:28*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*06/06/25 11:28*	*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		0.297	0.297	ug/L		06/05/25 07:00	06/10/25 21:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*06/05/25 07:00*	*06/10/25 21:44*	*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		9.77	0.410	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,4,5-Trichlorophenol	ND		9.77	0.528	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,4,6-Trichlorophenol	ND		9.77	1.07	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,4-Dichlorophenol	ND		9.77	0.557	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,4-Dimethylphenol	ND		9.77	0.235	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,4-Dinitrophenol	ND		29.3	4.57	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,4-Dinitrotoluene	ND		9.77	0.635	ug/L		06/04/25 07:00	06/05/25 19:16	1
2,6-Dinitrotoluene	ND		9.77	0.283	ug/L		06/04/25 07:00	06/05/25 19:16	1
2-Chloronaphthalene	ND		9.77	0.371	ug/L		06/04/25 07:00	06/05/25 19:16	1
2-Chlorophenol	ND		9.77	0.821	ug/L		06/04/25 07:00	06/05/25 19:16	1
2-Methylnaphthalene	ND		9.77	0.792	ug/L		06/04/25 07:00	06/05/25 19:16	1

Client Sample ID: SW-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-1
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		9.77	0.743	ug/L		06/04/25 07:00	06/05/25 19:16	1
2-Nitroaniline	ND		9.77	1.34	ug/L		06/04/25 07:00	06/05/25 19:16	1
2-Nitrophenol	ND		9.77	1.14	ug/L		06/04/25 07:00	06/05/25 19:16	1
3 & 4 Methylphenol	ND		19.5	4.50	ug/L		06/04/25 07:00	06/05/25 19:16	1
3,3'-Dichlorobenzidine	ND		10.7	0.401	ug/L		06/04/25 07:00	06/05/25 19:16	1
3-Nitroaniline	ND		9.77	0.928	ug/L		06/04/25 07:00	06/05/25 19:16	1
4,6-Dinitro-2-methylphenol	ND		9.77	1.93	ug/L		06/04/25 07:00	06/05/25 19:16	1
4-Bromophenyl phenyl ether	ND		9.77	0.127	ug/L		06/04/25 07:00	06/05/25 19:16	1
4-Chloro-3-methylphenol	ND		9.77	0.713	ug/L		06/04/25 07:00	06/05/25 19:16	1
4-Chloroaniline	ND		9.77	0.274	ug/L		06/04/25 07:00	06/05/25 19:16	1
4-Chlorophenyl phenyl ether	ND		9.77	0.235	ug/L		06/04/25 07:00	06/05/25 19:16	1
4-Nitroaniline	ND		9.77	3.42	ug/L		06/04/25 07:00	06/05/25 19:16	1
4-Nitrophenol	ND		9.77	2.68	ug/L		06/04/25 07:00	06/05/25 19:16	1
Acenaphthene	ND		9.77	0.616	ug/L		06/04/25 07:00	06/05/25 19:16	1
Acenaphthylene	ND		9.77	0.743	ug/L		06/04/25 07:00	06/05/25 19:16	1
Acetophenone	ND		9.77	3.13	ug/L		06/04/25 07:00	06/05/25 19:16	1
Anthracene	ND		9.77	0.889	ug/L		06/04/25 07:00	06/05/25 19:16	1
Atrazine	ND		9.77	1.10	ug/L		06/04/25 07:00	06/05/25 19:16	1
Benzaldehyde	ND		9.77	0.655	ug/L		06/04/25 07:00	06/05/25 19:16	1
Benzo[a]anthracene	ND		9.77	0.977	ug/L		06/04/25 07:00	06/05/25 19:16	1
Benzo[a]pyrene	ND		9.77	1.07	ug/L		06/04/25 07:00	06/05/25 19:16	1
Benzo[b]fluoranthene	ND		9.77	1.17	ug/L		06/04/25 07:00	06/05/25 19:16	1
Benzo[g,h,i]perylene	ND		9.77	1.47	ug/L		06/04/25 07:00	06/05/25 19:16	1
Benzo[k]fluoranthene	ND		9.77	1.47	ug/L		06/04/25 07:00	06/05/25 19:16	1
bis (2-chloroisopropyl) ether	ND		9.77	0.909	ug/L		06/04/25 07:00	06/05/25 19:16	1
Bis(2-chloroethoxy)methane	ND		9.77	0.332	ug/L		06/04/25 07:00	06/05/25 19:16	1
Bis(2-chloroethyl)ether	ND		9.77	0.713	ug/L		06/04/25 07:00	06/05/25 19:16	1
Bis(2-ethylhexyl) phthalate	ND		9.77	3.91	ug/L		06/04/25 07:00	06/05/25 19:16	1
Butyl benzyl phthalate	ND		9.77	3.91	ug/L		06/04/25 07:00	06/05/25 19:16	1
Caprolactam	ND		9.77	2.35	ug/L		06/04/25 07:00	06/05/25 19:16	1
Carbazole	ND		9.77	0.313	ug/L		06/04/25 07:00	06/05/25 19:16	1
Chrysene	ND		9.77	1.17	ug/L		06/04/25 07:00	06/05/25 19:16	1
Dibenz(a,h)anthracene	ND		9.77	1.27	ug/L		06/04/25 07:00	06/05/25 19:16	1
Dibenzofuran	ND		9.77	0.625	ug/L		06/04/25 07:00	06/05/25 19:16	1
Diethyl phthalate	ND		9.77	3.91	ug/L		06/04/25 07:00	06/05/25 19:16	1
Dimethyl phthalate	ND		9.77	3.91	ug/L		06/04/25 07:00	06/05/25 19:16	1
Di-n-butyl phthalate	ND		9.77	3.91	ug/L		06/04/25 07:00	06/05/25 19:16	1
Di-n-octyl phthalate	ND		9.77	3.91	ug/L		06/04/25 07:00	06/05/25 19:16	1
Fluoranthene	ND		9.77	0.616	ug/L		06/04/25 07:00	06/05/25 19:16	1
Fluorene	ND		9.77	0.655	ug/L		06/04/25 07:00	06/05/25 19:16	1
Hexachlorobenzene	ND		9.77	0.244	ug/L		06/04/25 07:00	06/05/25 19:16	1
Hexachlorobutadiene	ND		9.77	0.537	ug/L		06/04/25 07:00	06/05/25 19:16	1
Hexachlorocyclopentadiene	ND		19.5	0.313	ug/L		06/04/25 07:00	06/05/25 19:16	1
Hexachloroethane	ND		9.77	0.518	ug/L		06/04/25 07:00	06/05/25 19:16	1
Indeno[1,2,3-cd]pyrene	ND		9.77	1.07	ug/L		06/04/25 07:00	06/05/25 19:16	1
Isophorone	ND		9.77	0.782	ug/L		06/04/25 07:00	06/05/25 19:16	1
Naphthalene	ND		9.77	0.733	ug/L		06/04/25 07:00	06/05/25 19:16	1
Nitrobenzene	ND		9.77	0.586	ug/L		06/04/25 07:00	06/05/25 19:16	1
N-Nitrosodi-n-propylamine	ND		9.77	0.322	ug/L		06/04/25 07:00	06/05/25 19:16	1

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

Job ID: 752-32995-1

Client Sample ID: SW-8

Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-1

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		9.77	0.186	ug/L		06/04/25 07:00	06/05/25 19:16	1
Pentachlorophenol	ND		9.77	2.74	ug/L		06/04/25 07:00	06/05/25 19:16	1
Phenanthrene	ND		9.77	0.723	ug/L		06/04/25 07:00	06/05/25 19:16	1
Phenol	ND		9.77	0.664	ug/L		06/04/25 07:00	06/05/25 19:16	1
Pyrene	ND		9.77	0.616	ug/L		06/04/25 07:00	06/05/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*06/04/25 07:00*	*06/05/25 19:16*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*06/04/25 07:00*	*06/05/25 19:16*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 150*	*06/04/25 07:00*	*06/05/25 19:16*	*1*
Nitrobenzene-d5 (Surr)	*80*		*22 - 150*	*06/04/25 07:00*	*06/05/25 19:16*	*1*
Phenol-d5 (Surr)	*94*		*10 - 150*	*06/04/25 07:00*	*06/05/25 19:16*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*06/04/25 07:00*	*06/05/25 19:16*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.765**		0.100	0.0630	mg/L			05/30/25 19:27	1
Sulfate	**14.1**		1.00	0.390	mg/L			05/30/25 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		06/04/25 07:27	06/05/25 03:22	1
Arsenic	ND		5.00	1.32	ug/L		06/04/25 07:27	06/05/25 03:22	1
Barium	**43.7**		10.0	0.410	ug/L		06/04/25 07:27	06/05/25 03:22	1
Beryllium	ND		1.00	0.147	ug/L		06/04/25 07:27	06/05/25 03:22	1
Cadmium	ND		0.700	0.237	ug/L		06/04/25 07:27	06/05/25 03:22	1
Chromium	ND		5.00	3.69	ug/L		06/04/25 07:27	06/05/25 03:22	1
Cobalt	ND		5.00	0.411	ug/L		06/04/25 07:27	06/05/25 03:22	1
Copper	**9.21**		2.00	0.642	ug/L		06/04/25 07:27	06/05/25 03:22	1
Lead	**1.48**		1.00	0.864	ug/L		06/04/25 07:27	06/05/25 03:22	1
Manganese	**32.5**		5.00	1.29	ug/L		06/04/25 07:27	06/05/25 03:22	1
Nickel	**1.67**	**J**	5.00	0.422	ug/L		06/04/25 07:27	06/05/25 03:22	1
Selenium	ND		5.00	2.29	ug/L		06/04/25 07:27	06/05/25 03:22	1
Silver	ND		1.00	0.167	ug/L		06/04/25 07:27	06/05/25 03:22	1
Thallium	ND	^+	1.00	0.190	ug/L		06/04/25 07:27	06/05/25 03:22	1
Vanadium	**1.68**	**J**	5.00	1.22	ug/L		06/04/25 07:27	06/05/25 03:22	1
Zinc	**18.5**		10.0	8.91	ug/L		06/04/25 07:27	06/05/25 03:22	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		06/06/25 12:45	06/06/25 18:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			06/02/25 11:08	1

Client Sample ID: SW-7

Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-2

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			06/06/25 11:54	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 11:54	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 11:54	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 11:54	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 11:54	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 11:54	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 11:54	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 11:54	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 11:54	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 11:54	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 11:54	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 11:54	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 11:54	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 11:54	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 11:54	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 11:54	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 11:54	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 11:54	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 11:54	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 11:54	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 11:54	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 11:54	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 11:54	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 11:54	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 11:54	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 11:54	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 11:54	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 11:54	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 11:54	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 11:54	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 11:54	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 11:54	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 11:54	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 11:54	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 11:54	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 11:54	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 11:54	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 11:54	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 11:54	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 11:54	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 11:54	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 11:54	1

Client Sample ID: SW-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-2
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			06/06/25 11:54	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 11:54	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 11:54	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 11:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 11:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 11:54	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 11:54	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 11:54	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 11:54	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 11:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 11:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 11:54	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 11:54	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 11:54	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 11:54	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 11:54	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 11:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 11:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 11:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 11:54	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 11:54	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 11:54	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*06/06/25 11:54*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*06/06/25 11:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 146*		*06/06/25 11:54*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*06/06/25 11:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.288	0.288	ug/L		06/05/25 07:00	06/10/25 22:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*06/05/25 07:00*	*06/10/25 22:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.62	0.404	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,4,5-Trichlorophenol	ND		9.62	0.519	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,4,6-Trichlorophenol	ND		9.62	1.05	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,4-Dichlorophenol	ND		9.62	0.548	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,4-Dimethylphenol	ND		9.62	0.231	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,4-Dinitrophenol	ND		28.8	4.50	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,4-Dinitrotoluene	ND		9.62	0.625	ug/L		06/04/25 07:00	06/05/25 19:53	1
2,6-Dinitrotoluene	ND		9.62	0.279	ug/L		06/04/25 07:00	06/05/25 19:53	1
2-Chloronaphthalene	ND		9.62	0.365	ug/L		06/04/25 07:00	06/05/25 19:53	1
2-Chlorophenol	ND		9.62	0.808	ug/L		06/04/25 07:00	06/05/25 19:53	1
2-Methylnaphthalene	ND		9.62	0.779	ug/L		06/04/25 07:00	06/05/25 19:53	1

Client Sample ID: SW-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.62	0.731	ug/L		06/04/25 07:00	06/05/25 19:53	1
2-Nitroaniline	ND		9.62	1.32	ug/L		06/04/25 07:00	06/05/25 19:53	1
2-Nitrophenol	ND		9.62	1.13	ug/L		06/04/25 07:00	06/05/25 19:53	1
3 & 4 Methylphenol	ND		19.2	4.42	ug/L		06/04/25 07:00	06/05/25 19:53	1
3,3'-Dichlorobenzidine	ND		10.6	0.394	ug/L		06/04/25 07:00	06/05/25 19:53	1
3-Nitroaniline	ND		9.62	0.913	ug/L		06/04/25 07:00	06/05/25 19:53	1
4,6-Dinitro-2-methylphenol	ND		9.62	1.89	ug/L		06/04/25 07:00	06/05/25 19:53	1
4-Bromophenyl phenyl ether	ND		9.62	0.125	ug/L		06/04/25 07:00	06/05/25 19:53	1
4-Chloro-3-methylphenol	ND		9.62	0.702	ug/L		06/04/25 07:00	06/05/25 19:53	1
4-Chloroaniline	ND		9.62	0.269	ug/L		06/04/25 07:00	06/05/25 19:53	1
4-Chlorophenyl phenyl ether	ND		9.62	0.231	ug/L		06/04/25 07:00	06/05/25 19:53	1
4-Nitroaniline	ND		9.62	3.37	ug/L		06/04/25 07:00	06/05/25 19:53	1
4-Nitrophenol	ND		9.62	2.63	ug/L		06/04/25 07:00	06/05/25 19:53	1
Acenaphthene	ND		9.62	0.606	ug/L		06/04/25 07:00	06/05/25 19:53	1
Acenaphthylene	ND		9.62	0.731	ug/L		06/04/25 07:00	06/05/25 19:53	1
Acetophenone	ND		9.62	3.08	ug/L		06/04/25 07:00	06/05/25 19:53	1
Anthracene	ND		9.62	0.875	ug/L		06/04/25 07:00	06/05/25 19:53	1
Atrazine	ND		9.62	1.09	ug/L		06/04/25 07:00	06/05/25 19:53	1
Benzaldehyde	ND		9.62	0.644	ug/L		06/04/25 07:00	06/05/25 19:53	1
Benzo[a]anthracene	ND		9.62	0.962	ug/L		06/04/25 07:00	06/05/25 19:53	1
Benzo[a]pyrene	ND		9.62	1.06	ug/L		06/04/25 07:00	06/05/25 19:53	1
Benzo[b]fluoranthene	ND		9.62	1.15	ug/L		06/04/25 07:00	06/05/25 19:53	1
Benzo[g,h,i]perylene	ND		9.62	1.44	ug/L		06/04/25 07:00	06/05/25 19:53	1
Benzo[k]fluoranthene	ND		9.62	1.44	ug/L		06/04/25 07:00	06/05/25 19:53	1
bis (2-chloroisopropyl) ether	ND		9.62	0.894	ug/L		06/04/25 07:00	06/05/25 19:53	1
Bis(2-chloroethoxy)methane	ND		9.62	0.327	ug/L		06/04/25 07:00	06/05/25 19:53	1
Bis(2-chloroethyl)ether	ND		9.62	0.702	ug/L		06/04/25 07:00	06/05/25 19:53	1
Bis(2-ethylhexyl) phthalate	ND		9.62	3.85	ug/L		06/04/25 07:00	06/05/25 19:53	1
Butyl benzyl phthalate	ND		9.62	3.85	ug/L		06/04/25 07:00	06/05/25 19:53	1
Caprolactam	ND		9.62	2.31	ug/L		06/04/25 07:00	06/05/25 19:53	1
Carbazole	ND		9.62	0.308	ug/L		06/04/25 07:00	06/05/25 19:53	1
Chrysene	ND		9.62	1.15	ug/L		06/04/25 07:00	06/05/25 19:53	1
Dibenz(a,h)anthracene	ND		9.62	1.25	ug/L		06/04/25 07:00	06/05/25 19:53	1
Dibenzofuran	ND		9.62	0.615	ug/L		06/04/25 07:00	06/05/25 19:53	1
Diethyl phthalate	ND		9.62	3.85	ug/L		06/04/25 07:00	06/05/25 19:53	1
Dimethyl phthalate	ND		9.62	3.85	ug/L		06/04/25 07:00	06/05/25 19:53	1
Di-n-butyl phthalate	ND		9.62	3.85	ug/L		06/04/25 07:00	06/05/25 19:53	1
Di-n-octyl phthalate	ND		9.62	3.85	ug/L		06/04/25 07:00	06/05/25 19:53	1
Fluoranthene	ND		9.62	0.606	ug/L		06/04/25 07:00	06/05/25 19:53	1
Fluorene	ND		9.62	0.644	ug/L		06/04/25 07:00	06/05/25 19:53	1
Hexachlorobenzene	ND		9.62	0.240	ug/L		06/04/25 07:00	06/05/25 19:53	1
Hexachlorobutadiene	ND		9.62	0.529	ug/L		06/04/25 07:00	06/05/25 19:53	1
Hexachlorocyclopentadiene	ND		19.2	0.308	ug/L		06/04/25 07:00	06/05/25 19:53	1
Hexachloroethane	ND		9.62	0.510	ug/L		06/04/25 07:00	06/05/25 19:53	1
Indeno[1,2,3-cd]pyrene	ND		9.62	1.06	ug/L		06/04/25 07:00	06/05/25 19:53	1
Isophorone	ND		9.62	0.769	ug/L		06/04/25 07:00	06/05/25 19:53	1
Naphthalene	ND		9.62	0.721	ug/L		06/04/25 07:00	06/05/25 19:53	1
Nitrobenzene	ND		9.62	0.577	ug/L		06/04/25 07:00	06/05/25 19:53	1
N-Nitrosodi-n-propylamine	ND		9.62	0.317	ug/L		06/04/25 07:00	06/05/25 19:53	1

Client Sample ID: SW-7

Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-2

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		9.62	0.183	ug/L		06/04/25 07:00	06/05/25 19:53	1
Pentachlorophenol	ND		9.62	2.69	ug/L		06/04/25 07:00	06/05/25 19:53	1
Phenanthrene	ND		9.62	0.712	ug/L		06/04/25 07:00	06/05/25 19:53	1
Phenol	ND		9.62	0.654	ug/L		06/04/25 07:00	06/05/25 19:53	1
Pyrene	ND		9.62	0.606	ug/L		06/04/25 07:00	06/05/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*	*06/04/25 07:00*	*06/05/25 19:53*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*06/04/25 07:00*	*06/05/25 19:53*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 150*	*06/04/25 07:00*	*06/05/25 19:53*	*1*
Nitrobenzene-d5 (Surr)	*80*		*22 - 150*	*06/04/25 07:00*	*06/05/25 19:53*	*1*
Phenol-d5 (Surr)	*88*		*10 - 150*	*06/04/25 07:00*	*06/05/25 19:53*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*06/04/25 07:00*	*06/05/25 19:53*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.00**		0.100	0.0630	mg/L			05/30/25 19:36	1
Sulfate	**15.2**		1.00	0.390	mg/L			05/30/25 19:36	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		06/04/25 07:27	06/05/25 03:24	1
Arsenic	ND		5.00	1.32	ug/L		06/04/25 07:27	06/05/25 03:24	1
Barium	**46.6**		10.0	0.410	ug/L		06/04/25 07:27	06/05/25 03:24	1
Beryllium	ND		1.00	0.147	ug/L		06/04/25 07:27	06/05/25 03:24	1
Cadmium	ND		0.700	0.237	ug/L		06/04/25 07:27	06/05/25 03:24	1
Chromium	ND		5.00	3.69	ug/L		06/04/25 07:27	06/05/25 03:24	1
Cobalt	ND		5.00	0.411	ug/L		06/04/25 07:27	06/05/25 03:24	1
Copper	**9.12**		2.00	0.642	ug/L		06/04/25 07:27	06/05/25 03:24	1
Lead	**1.49**		1.00	0.864	ug/L		06/04/25 07:27	06/05/25 03:24	1
Manganese	**28.3**		5.00	1.29	ug/L		06/04/25 07:27	06/05/25 03:24	1
Nickel	**1.94**	**J**	5.00	0.422	ug/L		06/04/25 07:27	06/05/25 03:24	1
Selenium	ND		5.00	2.29	ug/L		06/04/25 07:27	06/05/25 03:24	1
Silver	ND		1.00	0.167	ug/L		06/04/25 07:27	06/05/25 03:24	1
Thallium	ND	^+	1.00	0.190	ug/L		06/04/25 07:27	06/05/25 03:24	1
Vanadium	**1.55**	**J**	5.00	1.22	ug/L		06/04/25 07:27	06/05/25 03:24	1
Zinc	**26.1**		10.0	8.91	ug/L		06/04/25 07:27	06/05/25 03:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		06/06/25 12:45	06/06/25 18:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			06/02/25 11:10	1

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

Job ID: 752-32995-1

Client Sample ID: SW-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-3
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			06/06/25 14:53	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 14:53	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 14:53	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 14:53	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 14:53	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 14:53	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 14:53	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 14:53	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 14:53	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 14:53	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 14:53	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 14:53	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 14:53	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 14:53	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 14:53	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 14:53	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 14:53	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 14:53	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 14:53	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 14:53	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 14:53	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 14:53	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 14:53	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 14:53	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 14:53	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 14:53	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 14:53	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 14:53	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 14:53	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 14:53	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 14:53	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 14:53	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 14:53	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 14:53	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 14:53	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 14:53	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 14:53	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 14:53	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 14:53	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 14:53	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 14:53	1

Client Sample ID: SW-4

Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-3

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			06/06/25 14:53	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 14:53	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 14:53	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 14:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 14:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 14:53	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 14:53	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 14:53	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 14:53	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 14:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 14:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 14:53	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 14:53	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 14:53	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 14:53	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 14:53	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 14:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 14:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 14:53	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 14:53	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 14:53	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/06/25 14:53*	*1*
Dibromofluoromethane	*97*		*79 - 130*		*06/06/25 14:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*06/06/25 14:53*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*06/06/25 14:53*	*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		0.285	0.285	ug/L		06/05/25 07:00	06/10/25 22:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*06/05/25 07:00*	*06/10/25 22:28*	*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		9.65	0.405	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,4,5-Trichlorophenol	ND		9.65	0.521	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,4,6-Trichlorophenol	ND		9.65	1.05	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,4-Dichlorophenol	ND		9.65	0.550	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,4-Dimethylphenol	ND		9.65	0.232	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,4-Dinitrophenol	ND		28.9	4.51	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,4-Dinitrotoluene	ND		9.65	0.627	ug/L		06/04/25 07:00	06/05/25 20:30	1
2,6-Dinitrotoluene	ND		9.65	0.280	ug/L		06/04/25 07:00	06/05/25 20:30	1
2-Chloronaphthalene	ND		9.65	0.367	ug/L		06/04/25 07:00	06/05/25 20:30	1
2-Chlorophenol	ND		9.65	0.810	ug/L		06/04/25 07:00	06/05/25 20:30	1
2-Methylnaphthalene	ND		9.65	0.781	ug/L		06/04/25 07:00	06/05/25 20:30	1

Client Sample ID: SW-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-3
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		9.65	0.733	ug/L		06/04/25 07:00	06/05/25 20:30	1
2-Nitroaniline	ND		9.65	1.32	ug/L		06/04/25 07:00	06/05/25 20:30	1
2-Nitrophenol	ND		9.65	1.13	ug/L		06/04/25 07:00	06/05/25 20:30	1
3 & 4 Methylphenol	ND		19.3	4.44	ug/L		06/04/25 07:00	06/05/25 20:30	1
3,3'-Dichlorobenzidine	ND		10.6	0.395	ug/L		06/04/25 07:00	06/05/25 20:30	1
3-Nitroaniline	ND		9.65	0.916	ug/L		06/04/25 07:00	06/05/25 20:30	1
4,6-Dinitro-2-methylphenol	ND		9.65	1.90	ug/L		06/04/25 07:00	06/05/25 20:30	1
4-Bromophenyl phenyl ether	ND		9.65	0.125	ug/L		06/04/25 07:00	06/05/25 20:30	1
4-Chloro-3-methylphenol	ND		9.65	0.704	ug/L		06/04/25 07:00	06/05/25 20:30	1
4-Chloroaniline	ND		9.65	0.270	ug/L		06/04/25 07:00	06/05/25 20:30	1
4-Chlorophenyl phenyl ether	ND		9.65	0.232	ug/L		06/04/25 07:00	06/05/25 20:30	1
4-Nitroaniline	ND		9.65	3.38	ug/L		06/04/25 07:00	06/05/25 20:30	1
4-Nitrophenol	ND		9.65	2.64	ug/L		06/04/25 07:00	06/05/25 20:30	1
Acenaphthene	ND		9.65	0.608	ug/L		06/04/25 07:00	06/05/25 20:30	1
Acenaphthylene	ND		9.65	0.733	ug/L		06/04/25 07:00	06/05/25 20:30	1
Acetophenone	ND		9.65	3.09	ug/L		06/04/25 07:00	06/05/25 20:30	1
Anthracene	ND		9.65	0.878	ug/L		06/04/25 07:00	06/05/25 20:30	1
Atrazine	ND		9.65	1.09	ug/L		06/04/25 07:00	06/05/25 20:30	1
Benzaldehyde	ND		9.65	0.646	ug/L		06/04/25 07:00	06/05/25 20:30	1
Benzo[a]anthracene	ND		9.65	0.965	ug/L		06/04/25 07:00	06/05/25 20:30	1
Benzo[a]pyrene	ND		9.65	1.06	ug/L		06/04/25 07:00	06/05/25 20:30	1
Benzo[b]fluoranthene	ND		9.65	1.16	ug/L		06/04/25 07:00	06/05/25 20:30	1
Benzo[g,h,i]perylene	ND		9.65	1.45	ug/L		06/04/25 07:00	06/05/25 20:30	1
Benzo[k]fluoranthene	ND		9.65	1.45	ug/L		06/04/25 07:00	06/05/25 20:30	1
bis (2-chloroisopropyl) ether	ND		9.65	0.897	ug/L		06/04/25 07:00	06/05/25 20:30	1
Bis(2-chloroethoxy)methane	ND		9.65	0.328	ug/L		06/04/25 07:00	06/05/25 20:30	1
Bis(2-chloroethyl)ether	ND		9.65	0.704	ug/L		06/04/25 07:00	06/05/25 20:30	1
Bis(2-ethylhexyl) phthalate	ND		9.65	3.86	ug/L		06/04/25 07:00	06/05/25 20:30	1
Butyl benzyl phthalate	ND		9.65	3.86	ug/L		06/04/25 07:00	06/05/25 20:30	1
Caprolactam	ND		9.65	2.32	ug/L		06/04/25 07:00	06/05/25 20:30	1
Carbazole	ND		9.65	0.309	ug/L		06/04/25 07:00	06/05/25 20:30	1
Chrysene	ND		9.65	1.16	ug/L		06/04/25 07:00	06/05/25 20:30	1
Dibenz(a,h)anthracene	ND		9.65	1.25	ug/L		06/04/25 07:00	06/05/25 20:30	1
Dibenzofuran	ND		9.65	0.617	ug/L		06/04/25 07:00	06/05/25 20:30	1
Diethyl phthalate	ND		9.65	3.86	ug/L		06/04/25 07:00	06/05/25 20:30	1
Dimethyl phthalate	ND		9.65	3.86	ug/L		06/04/25 07:00	06/05/25 20:30	1
Di-n-butyl phthalate	ND		9.65	3.86	ug/L		06/04/25 07:00	06/05/25 20:30	1
Di-n-octyl phthalate	ND		9.65	3.86	ug/L		06/04/25 07:00	06/05/25 20:30	1
Fluoranthene	ND		9.65	0.608	ug/L		06/04/25 07:00	06/05/25 20:30	1
Fluorene	ND		9.65	0.646	ug/L		06/04/25 07:00	06/05/25 20:30	1
Hexachlorobenzene	ND		9.65	0.241	ug/L		06/04/25 07:00	06/05/25 20:30	1
Hexachlorobutadiene	ND		9.65	0.531	ug/L		06/04/25 07:00	06/05/25 20:30	1
Hexachlorocyclopentadiene	ND		19.3	0.309	ug/L		06/04/25 07:00	06/05/25 20:30	1
Hexachloroethane	ND		9.65	0.511	ug/L		06/04/25 07:00	06/05/25 20:30	1
Indeno[1,2,3-cd]pyrene	ND		9.65	1.06	ug/L		06/04/25 07:00	06/05/25 20:30	1
Isophorone	ND		9.65	0.772	ug/L		06/04/25 07:00	06/05/25 20:30	1
Naphthalene	ND		9.65	0.723	ug/L		06/04/25 07:00	06/05/25 20:30	1
Nitrobenzene	ND		9.65	0.579	ug/L		06/04/25 07:00	06/05/25 20:30	1
N-Nitrosodi-n-propylamine	ND		9.65	0.318	ug/L		06/04/25 07:00	06/05/25 20:30	1

Client Sample ID: SW-4

Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-3

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		9.65	0.183	ug/L		06/04/25 07:00	06/05/25 20:30	1
Pentachlorophenol	ND		9.65	2.70	ug/L		06/04/25 07:00	06/05/25 20:30	1
Phenanthrene	ND		9.65	0.714	ug/L		06/04/25 07:00	06/05/25 20:30	1
Phenol	ND		9.65	0.656	ug/L		06/04/25 07:00	06/05/25 20:30	1
Pyrene	ND		9.65	0.608	ug/L		06/04/25 07:00	06/05/25 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 150*	*06/04/25 07:00*	*06/05/25 20:30*	*1*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*	*06/04/25 07:00*	*06/05/25 20:30*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 150*	*06/04/25 07:00*	*06/05/25 20:30*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*06/04/25 07:00*	*06/05/25 20:30*	*1*
Phenol-d5 (Surr)	*89*		*10 - 150*	*06/04/25 07:00*	*06/05/25 20:30*	*1*
Terphenyl-d14 (Surr)	*56*		*28 - 150*	*06/04/25 07:00*	*06/05/25 20:30*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.07**		0.100	0.0630	mg/L			05/30/25 19:44	1
Sulfate	**16.0**		1.00	0.390	mg/L			05/30/25 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		06/04/25 07:27	06/05/25 03:26	1
Arsenic	ND		5.00	1.32	ug/L		06/04/25 07:27	06/05/25 03:26	1
Barium	**44.0**		10.0	0.410	ug/L		06/04/25 07:27	06/05/25 03:26	1
Beryllium	ND		1.00	0.147	ug/L		06/04/25 07:27	06/05/25 03:26	1
Cadmium	ND		0.700	0.237	ug/L		06/04/25 07:27	06/05/25 03:26	1
Chromium	ND		5.00	3.69	ug/L		06/04/25 07:27	06/05/25 03:26	1
Cobalt	ND		5.00	0.411	ug/L		06/04/25 07:27	06/05/25 03:26	1
Copper	**8.15**		2.00	0.642	ug/L		06/04/25 07:27	06/05/25 03:26	1
Lead	**1.33**		1.00	0.864	ug/L		06/04/25 07:27	06/05/25 03:26	1
Manganese	**21.5**		5.00	1.29	ug/L		06/04/25 07:27	06/05/25 03:26	1
Nickel	**1.71**	**J**	5.00	0.422	ug/L		06/04/25 07:27	06/05/25 03:26	1
Selenium	ND		5.00	2.29	ug/L		06/04/25 07:27	06/05/25 03:26	1
Silver	ND		1.00	0.167	ug/L		06/04/25 07:27	06/05/25 03:26	1
Thallium	ND	^+	1.00	0.190	ug/L		06/04/25 07:27	06/05/25 03:26	1
Vanadium	**1.69**	**J**	5.00	1.22	ug/L		06/04/25 07:27	06/05/25 03:26	1
Zinc	**16.9**		10.0	8.91	ug/L		06/04/25 07:27	06/05/25 03:26	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		06/06/25 12:45	06/06/25 18:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			06/02/25 11:12	1

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

Job ID: 752-32995-1

Client Sample ID: SW-3

Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-4

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			06/06/25 15:18	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 15:18	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 15:18	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 15:18	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 15:18	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 15:18	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 15:18	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 15:18	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 15:18	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 15:18	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 15:18	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 15:18	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 15:18	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 15:18	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 15:18	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 15:18	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 15:18	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 15:18	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 15:18	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 15:18	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 15:18	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 15:18	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 15:18	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 15:18	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 15:18	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 15:18	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 15:18	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 15:18	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 15:18	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 15:18	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 15:18	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 15:18	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 15:18	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 15:18	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 15:18	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 15:18	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 15:18	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 15:18	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 15:18	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 15:18	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 15:18	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 15:18	1

Client Sample ID: SW-3

Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-4

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			06/06/25 15:18	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 15:18	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 15:18	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 15:18	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 15:18	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 15:18	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 15:18	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 15:18	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 15:18	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 15:18	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 15:18	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 15:18	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 15:18	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 15:18	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 15:18	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 15:18	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 15:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 15:18	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 15:18	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 15:18	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 15:18	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 15:18	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*56 - 136*		*06/06/25 15:18*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*06/06/25 15:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*06/06/25 15:18*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*06/06/25 15:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.293	0.293	ug/L		06/05/25 07:00	06/10/25 22:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*06/05/25 07:00*	*06/10/25 22:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.74	0.409	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,4,5-Trichlorophenol	ND		9.74	0.526	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,4,6-Trichlorophenol	ND		9.74	1.06	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,4-Dichlorophenol	ND		9.74	0.555	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,4-Dimethylphenol	ND		9.74	0.234	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,4-Dinitrophenol	ND		29.2	4.56	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,4-Dinitrotoluene	ND		9.74	0.633	ug/L		06/04/25 07:00	06/05/25 21:06	1
2,6-Dinitrotoluene	ND		9.74	0.282	ug/L		06/04/25 07:00	06/05/25 21:06	1
2-Chloronaphthalene	ND		9.74	0.370	ug/L		06/04/25 07:00	06/05/25 21:06	1
2-Chlorophenol	ND		9.74	0.818	ug/L		06/04/25 07:00	06/05/25 21:06	1
2-Methylnaphthalene	ND		9.74	0.789	ug/L		06/04/25 07:00	06/05/25 21:06	1

Client Sample ID: SW-3
Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-4
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		9.74	0.740	ug/L		06/04/25 07:00	06/05/25 21:06	1
2-Nitroaniline	ND		9.74	1.33	ug/L		06/04/25 07:00	06/05/25 21:06	1
2-Nitrophenol	ND		9.74	1.14	ug/L		06/04/25 07:00	06/05/25 21:06	1
3 & 4 Methylphenol	ND		19.5	4.48	ug/L		06/04/25 07:00	06/05/25 21:06	1
3,3'-Dichlorobenzidine	ND		10.7	0.399	ug/L		06/04/25 07:00	06/05/25 21:06	1
3-Nitroaniline	ND		9.74	0.925	ug/L		06/04/25 07:00	06/05/25 21:06	1
4,6-Dinitro-2-methylphenol	ND		9.74	1.92	ug/L		06/04/25 07:00	06/05/25 21:06	1
4-Bromophenyl phenyl ether	ND		9.74	0.127	ug/L		06/04/25 07:00	06/05/25 21:06	1
4-Chloro-3-methylphenol	ND		9.74	0.711	ug/L		06/04/25 07:00	06/05/25 21:06	1
4-Chloroaniline	ND		9.74	0.273	ug/L		06/04/25 07:00	06/05/25 21:06	1
4-Chlorophenyl phenyl ether	ND		9.74	0.234	ug/L		06/04/25 07:00	06/05/25 21:06	1
4-Nitroaniline	ND		9.74	3.41	ug/L		06/04/25 07:00	06/05/25 21:06	1
4-Nitrophenol	ND		9.74	2.67	ug/L		06/04/25 07:00	06/05/25 21:06	1
Acenaphthene	ND		9.74	0.614	ug/L		06/04/25 07:00	06/05/25 21:06	1
Acenaphthylene	ND		9.74	0.740	ug/L		06/04/25 07:00	06/05/25 21:06	1
Acetophenone	ND		9.74	3.12	ug/L		06/04/25 07:00	06/05/25 21:06	1
Anthracene	ND		9.74	0.886	ug/L		06/04/25 07:00	06/05/25 21:06	1
Atrazine	ND		9.74	1.10	ug/L		06/04/25 07:00	06/05/25 21:06	1
Benzaldehyde	ND		9.74	0.653	ug/L		06/04/25 07:00	06/05/25 21:06	1
Benzo[a]anthracene	ND		9.74	0.974	ug/L		06/04/25 07:00	06/05/25 21:06	1
Benzo[a]pyrene	ND		9.74	1.07	ug/L		06/04/25 07:00	06/05/25 21:06	1
Benzo[b]fluoranthene	ND		9.74	1.17	ug/L		06/04/25 07:00	06/05/25 21:06	1
Benzo[g,h,i]perylene	ND		9.74	1.46	ug/L		06/04/25 07:00	06/05/25 21:06	1
Benzo[k]fluoranthene	ND		9.74	1.46	ug/L		06/04/25 07:00	06/05/25 21:06	1
bis (2-chloroisopropyl) ether	ND		9.74	0.906	ug/L		06/04/25 07:00	06/05/25 21:06	1
Bis(2-chloroethoxy)methane	ND		9.74	0.331	ug/L		06/04/25 07:00	06/05/25 21:06	1
Bis(2-chloroethyl)ether	ND		9.74	0.711	ug/L		06/04/25 07:00	06/05/25 21:06	1
Bis(2-ethylhexyl) phthalate	ND		9.74	3.90	ug/L		06/04/25 07:00	06/05/25 21:06	1
Butyl benzyl phthalate	ND		9.74	3.90	ug/L		06/04/25 07:00	06/05/25 21:06	1
Caprolactam	ND		9.74	2.34	ug/L		06/04/25 07:00	06/05/25 21:06	1
Carbazole	ND		9.74	0.312	ug/L		06/04/25 07:00	06/05/25 21:06	1
Chrysene	ND		9.74	1.17	ug/L		06/04/25 07:00	06/05/25 21:06	1
Dibenz(a,h)anthracene	ND		9.74	1.27	ug/L		06/04/25 07:00	06/05/25 21:06	1
Dibenzofuran	ND		9.74	0.623	ug/L		06/04/25 07:00	06/05/25 21:06	1
Diethyl phthalate	ND		9.74	3.90	ug/L		06/04/25 07:00	06/05/25 21:06	1
Dimethyl phthalate	ND		9.74	3.90	ug/L		06/04/25 07:00	06/05/25 21:06	1
Di-n-butyl phthalate	ND		9.74	3.90	ug/L		06/04/25 07:00	06/05/25 21:06	1
Di-n-octyl phthalate	ND		9.74	3.90	ug/L		06/04/25 07:00	06/05/25 21:06	1
Fluoranthene	ND		9.74	0.614	ug/L		06/04/25 07:00	06/05/25 21:06	1
Fluorene	ND		9.74	0.653	ug/L		06/04/25 07:00	06/05/25 21:06	1
Hexachlorobenzene	ND		9.74	0.244	ug/L		06/04/25 07:00	06/05/25 21:06	1
Hexachlorobutadiene	ND		9.74	0.536	ug/L		06/04/25 07:00	06/05/25 21:06	1
Hexachlorocyclopentadiene	ND		19.5	0.312	ug/L		06/04/25 07:00	06/05/25 21:06	1
Hexachloroethane	ND		9.74	0.516	ug/L		06/04/25 07:00	06/05/25 21:06	1
Indeno[1,2,3-cd]pyrene	ND		9.74	1.07	ug/L		06/04/25 07:00	06/05/25 21:06	1
Isophorone	ND		9.74	0.779	ug/L		06/04/25 07:00	06/05/25 21:06	1
Naphthalene	ND		9.74	0.731	ug/L		06/04/25 07:00	06/05/25 21:06	1
Nitrobenzene	ND		9.74	0.584	ug/L		06/04/25 07:00	06/05/25 21:06	1
N-Nitrosodi-n-propylamine	ND		9.74	0.321	ug/L		06/04/25 07:00	06/05/25 21:06	1

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

Job ID: 752-32995-1

Client Sample ID: SW-3

Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-4

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		9.74	0.185	ug/L		06/04/25 07:00	06/05/25 21:06	1
Pentachlorophenol	ND		9.74	2.73	ug/L		06/04/25 07:00	06/05/25 21:06	1
Phenanthrene	ND		9.74	0.721	ug/L		06/04/25 07:00	06/05/25 21:06	1
Phenol	ND		9.74	0.662	ug/L		06/04/25 07:00	06/05/25 21:06	1
Pyrene	ND		9.74	0.614	ug/L		06/04/25 07:00	06/05/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*06/04/25 07:00*	*06/05/25 21:06*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*06/04/25 07:00*	*06/05/25 21:06*	*1*
2-Fluorophenol (Surr)	*83*		*10 - 150*	*06/04/25 07:00*	*06/05/25 21:06*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*06/04/25 07:00*	*06/05/25 21:06*	*1*
Phenol-d5 (Surr)	*90*		*10 - 150*	*06/04/25 07:00*	*06/05/25 21:06*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*06/04/25 07:00*	*06/05/25 21:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.915**		0.100	0.0630	mg/L			05/30/25 19:53	1
Sulfate	**15.7**		1.00	0.390	mg/L			05/30/25 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		06/04/25 07:27	06/05/25 03:29	1
Arsenic	ND		5.00	1.32	ug/L		06/04/25 07:27	06/05/25 03:29	1
Barium	**45.6**		10.0	0.410	ug/L		06/04/25 07:27	06/05/25 03:29	1
Beryllium	ND		1.00	0.147	ug/L		06/04/25 07:27	06/05/25 03:29	1
Cadmium	ND		0.700	0.237	ug/L		06/04/25 07:27	06/05/25 03:29	1
Chromium	ND		5.00	3.69	ug/L		06/04/25 07:27	06/05/25 03:29	1
Cobalt	ND		5.00	0.411	ug/L		06/04/25 07:27	06/05/25 03:29	1
Copper	**8.90**		2.00	0.642	ug/L		06/04/25 07:27	06/05/25 03:29	1
Lead	**1.67**		1.00	0.864	ug/L		06/04/25 07:27	06/05/25 03:29	1
Manganese	**27.7**		5.00	1.29	ug/L		06/04/25 07:27	06/05/25 03:29	1
Nickel	**1.84**	**J**	5.00	0.422	ug/L		06/04/25 07:27	06/05/25 03:29	1
Selenium	ND		5.00	2.29	ug/L		06/04/25 07:27	06/05/25 03:29	1
Silver	ND		1.00	0.167	ug/L		06/04/25 07:27	06/05/25 03:29	1
Thallium	ND	^+	1.00	0.190	ug/L		06/04/25 07:27	06/05/25 03:29	1
Vanadium	**1.75**	**J**	5.00	1.22	ug/L		06/04/25 07:27	06/05/25 03:29	1
Zinc	**18.0**		10.0	8.91	ug/L		06/04/25 07:27	06/05/25 03:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		06/06/25 12:45	06/06/25 18:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			06/02/25 11:14	1

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

Job ID: 752-32995-1

Client Sample ID: Trip Blank

Date Collected: 05/29/25 00:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-5

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			06/06/25 15:44	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 15:44	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 15:44	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 15:44	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 15:44	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 15:44	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 15:44	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 15:44	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 15:44	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 15:44	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 15:44	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 15:44	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 15:44	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 15:44	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 15:44	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 15:44	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 15:44	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 15:44	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 15:44	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 15:44	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 15:44	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 15:44	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 15:44	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 15:44	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 15:44	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 15:44	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 15:44	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 15:44	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 15:44	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 15:44	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 15:44	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 15:44	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 15:44	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 15:44	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 15:44	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 15:44	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 15:44	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 15:44	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 15:44	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 15:44	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 15:44	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 15:44	1

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

Job ID: 752-32995-1

Client Sample ID: Trip Blank

Date Collected: 05/29/25 00:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-5

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			06/06/25 15:44	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 15:44	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 15:44	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 15:44	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 15:44	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 15:44	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 15:44	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 15:44	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 15:44	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 15:44	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 15:44	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 15:44	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 15:44	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 15:44	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 15:44	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 15:44	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 15:44	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 15:44	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 15:44	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 15:44	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 15:44	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/06/25 15:44*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*06/06/25 15:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*06/06/25 15:44*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*06/06/25 15:44*	*1*

Surrogate Summary

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

Job ID: 752-32995-1

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)
752-32995-1	SW-8	93	103	103	94
752-32995-2	SW-7	96	102	99	94
752-32995-3	SW-4	92	97	101	91
752-32995-4	SW-3	93	98	101	93
752-32995-5	Trip Blank	92	101	104	92
LCS 400-711780/1002	Lab Control Sample	97	107	106	97
MB 400-711780/5	Method Blank	92	102	99	91

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)
752-32995-1	SW-8	79	72	84	80	94	53
752-32995-2	SW-7	74	72	80	80	88	51
752-32995-3	SW-4	78	73	81	81	89	56
752-32995-4	SW-3	79	71	83	79	90	51
LCS 400-711547/2-A	Lab Control Sample	91	74	96	82	119	82
LCSD 400-711547/3-A	Lab Control Sample Dup	94	72	99	82	125	82
MB 400-711547/1-A	Method Blank	87	76	95	84	108	76

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: 752-32995-1
Project/Site: Wallton Park

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-140)						
752-32995-1	SW-8	24						
752-32995-2	SW-7	25						
752-32995-3	SW-4	25						
752-32995-4	SW-3	24						
LCS 400-711732/2-A	Lab Control Sample	21						
LCSD 400-711732/3-A	Lab Control Sample Dup	23						
MB 400-711732/1-A	Method Blank	15						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-711780/5
Matrix: Water
Analysis Batch: 711780

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			06/06/25 08:29	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 08:29	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 08:29	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 08:29	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 08:29	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 08:29	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 08:29	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 08:29	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 08:29	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 08:29	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 08:29	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 08:29	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 08:29	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 08:29	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 08:29	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 08:29	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 08:29	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 08:29	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 08:29	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 08:29	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 08:29	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 08:29	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 08:29	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 08:29	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 08:29	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 08:29	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 08:29	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 08:29	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 08:29	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 08:29	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 08:29	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 08:29	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 08:29	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 08:29	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 08:29	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 08:29	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 08:29	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 08:29	1

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

Lab Sample ID: MB 400-711780/5
Matrix: Water
Analysis Batch: 711780

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			06/06/25 08:29	1
o-Xylene	ND		5.00	3.00	ug/L			06/06/25 08:29	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 08:29	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 08:29	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 08:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 08:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 08:29	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 08:29	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 08:29	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 08:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 08:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 08:29	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 08:29	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 08:29	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 08:29	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 08:29	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 08:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 08:29	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 08:29	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/06/25 08:29*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*06/06/25 08:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 146*		*06/06/25 08:29*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*06/06/25 08:29*	*1*

Lab Sample ID: LCS 400-711780/1002
Matrix: Water
Analysis Batch: 711780

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	226.5		ug/L		113	43 - 150
Benzene	50.0	52.40		ug/L		105	70 - 130
Bromobenzene	50.0	47.19		ug/L		94	70 - 132
Bromoform	50.0	42.98		ug/L		86	57 - 140
Bromomethane	50.0	53.05		ug/L		106	10 - 150
2-Butanone (MEK)	200	229.3		ug/L		115	61 - 145
Carbon disulfide	50.0	46.08		ug/L		92	61 - 137
Carbon tetrachloride	50.0	54.94		ug/L		110	61 - 137
Chlorobenzene	50.0	48.68		ug/L		97	70 - 130
Chlorobromomethane	50.0	53.99		ug/L		108	70 - 130
Chlorodibromomethane	50.0	48.40		ug/L		97	67 - 135

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

Lab Sample ID: LCS 400-711780/1002
Matrix: Water
Analysis Batch: 711780

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	54.51		ug/L		109	55 - 141
Chloroform	50.0	53.33		ug/L		107	69 - 130
Chloromethane	50.0	49.92		ug/L		100	58 - 137
2-Chlorotoluene	50.0	46.00		ug/L		92	70 - 130
4-Chlorotoluene	50.0	46.46		ug/L		93	70 - 130
cis-1,2-Dichloroethene	50.0	52.32		ug/L		105	68 - 130
cis-1,3-Dichloropropene	50.0	53.95		ug/L		108	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.49		ug/L		85	54 - 135
Dibromomethane	50.0	53.36		ug/L		107	70 - 130
1,2-Dichlorobenzene	50.0	48.02		ug/L		96	67 - 130
1,3-Dichlorobenzene	50.0	47.44		ug/L		95	70 - 130
1,4-Dichlorobenzene	50.0	47.04		ug/L		94	70 - 130
Dichlorobromomethane	50.0	53.61		ug/L		107	67 - 133
1,1-Dichloroethane	50.0	53.13		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	54.17		ug/L		108	69 - 130
1,1-Dichloroethene	50.0	50.86		ug/L		102	63 - 134
1,2-Dichloropropane	50.0	53.18		ug/L		106	70 - 130
1,3-Dichloropropane	50.0	47.29		ug/L		95	70 - 130
2,2-Dichloropropane	50.0	50.18		ug/L		100	52 - 135
1,1-Dichloropropene	50.0	50.69		ug/L		101	70 - 130
Ethyl acetate	100	84.92		ug/L		85	34 - 150
Ethylbenzene	50.0	46.87		ug/L		94	70 - 130
Ethylene Dibromide	50.0	46.18		ug/L		92	70 - 130
Hexachlorobutadiene	50.0	45.99		ug/L		92	53 - 140
Hexane	50.0	51.85		ug/L		104	69 - 130
2-Hexanone	200	190.2		ug/L		95	65 - 137
Iodomethane	50.0	47.69		ug/L		95	27 - 150
Isopropylbenzene	50.0	47.07		ug/L		94	70 - 130
Isopropyl ether	50.0	57.46		ug/L		115	64 - 132
4-Isopropyltoluene	50.0	44.12		ug/L		88	65 - 130
Methylene Chloride	50.0	51.09		ug/L		102	66 - 135
4-Methyl-2-pentanone (MIBK)	200	206.1		ug/L		103	69 - 138
Methyl tert-butyl ether	50.0	50.53		ug/L		101	66 - 130
m-Xylene & p-Xylene	50.0	46.55		ug/L		93	70 - 130
Naphthalene	50.0	44.95		ug/L		90	47 - 149
n-Butylbenzene	50.0	45.38		ug/L		91	67 - 130
n-Heptane	50.0	48.48		ug/L		97	70 - 130
N-Propylbenzene	50.0	45.55		ug/L		91	70 - 130
o-Xylene	50.0	47.79		ug/L		96	70 - 130
sec-Butylbenzene	50.0	44.62		ug/L		89	66 - 130
Styrene	50.0	46.10		ug/L		92	70 - 130
tert-Butylbenzene	50.0	42.60		ug/L		85	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.80		ug/L		102	67 - 131
1,1,2,2-Tetrachloroethane	50.0	44.92		ug/L		90	70 - 131
Tetrachloroethene	50.0	47.25		ug/L		94	65 - 130
Toluene	50.0	46.69		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.05		ug/L		84	57 - 140
trans-1,2-Dichloroethene	50.0	51.62		ug/L		103	70 - 130
trans-1,3-Dichloropropene	50.0	47.36		ug/L		95	63 - 130

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

Lab Sample ID: LCS 400-711780/1002
Matrix: Water
Analysis Batch: 711780

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	47.70		ug/L		95	60 - 138
1,2,4-Trichlorobenzene	50.0	48.03		ug/L		96	60 - 140
1,1,1-Trichloroethane	50.0	52.94		ug/L		106	68 - 130
1,1,2-Trichloroethane	50.0	48.64		ug/L		97	70 - 130
Trichloroethene	50.0	52.99		ug/L		106	70 - 130
Trichlorofluoromethane	50.0	56.49		ug/L		113	65 - 138
1,2,3-Trichloropropane	50.0	44.38		ug/L		89	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.27		ug/L		105	60 - 139
1,2,4-Trimethylbenzene	50.0	43.25		ug/L		87	70 - 130
1,3,5-Trimethylbenzene	50.0	45.37		ug/L		91	69 - 130
Vinyl acetate	100	112.6		ug/L		113	26 - 150
Vinyl chloride	50.0	58.48		ug/L		117	59 - 136
Xylenes, Total	100	94.34		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*56 - 136*
Dibromofluoromethane	*107*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*
Toluene-d8 (Surr)	*97*		*64 - 132*

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

Lab Sample ID: MB 400-711547/1-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		06/04/25 07:00	06/05/25 17:27	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		06/04/25 07:00	06/05/25 17:27	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		06/04/25 07:00	06/05/25 17:27	1
2-Chlorophenol	ND		10.0	0.840	ug/L		06/04/25 07:00	06/05/25 17:27	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		06/04/25 07:00	06/05/25 17:27	1
2-Methylphenol	ND		10.0	0.760	ug/L		06/04/25 07:00	06/05/25 17:27	1
2-Nitroaniline	ND		10.0	1.37	ug/L		06/04/25 07:00	06/05/25 17:27	1
2-Nitrophenol	ND		10.0	1.17	ug/L		06/04/25 07:00	06/05/25 17:27	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		06/04/25 07:00	06/05/25 17:27	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		06/04/25 07:00	06/05/25 17:27	1
3-Nitroaniline	ND		10.0	0.950	ug/L		06/04/25 07:00	06/05/25 17:27	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		06/04/25 07:00	06/05/25 17:27	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		06/04/25 07:00	06/05/25 17:27	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		06/04/25 07:00	06/05/25 17:27	1
4-Chloroaniline	ND		10.0	0.280	ug/L		06/04/25 07:00	06/05/25 17:27	1

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

Lab Sample ID: MB 400-711547/1-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		06/04/25 07:00	06/05/25 17:27	1
4-Nitroaniline	ND		10.0	3.50	ug/L		06/04/25 07:00	06/05/25 17:27	1
4-Nitrophenol	ND		10.0	2.74	ug/L		06/04/25 07:00	06/05/25 17:27	1
Acenaphthene	ND		10.0	0.630	ug/L		06/04/25 07:00	06/05/25 17:27	1
Acenaphthylene	ND		10.0	0.760	ug/L		06/04/25 07:00	06/05/25 17:27	1
Acetophenone	ND		10.0	3.20	ug/L		06/04/25 07:00	06/05/25 17:27	1
Anthracene	ND		10.0	0.910	ug/L		06/04/25 07:00	06/05/25 17:27	1
Atrazine	ND		10.0	1.13	ug/L		06/04/25 07:00	06/05/25 17:27	1
Benzaldehyde	ND		10.0	0.670	ug/L		06/04/25 07:00	06/05/25 17:27	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		06/04/25 07:00	06/05/25 17:27	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		06/04/25 07:00	06/05/25 17:27	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		06/04/25 07:00	06/05/25 17:27	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		06/04/25 07:00	06/05/25 17:27	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		06/04/25 07:00	06/05/25 17:27	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		06/04/25 07:00	06/05/25 17:27	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		06/04/25 07:00	06/05/25 17:27	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Caprolactam	ND		10.0	2.40	ug/L		06/04/25 07:00	06/05/25 17:27	1
Carbazole	ND		10.0	0.320	ug/L		06/04/25 07:00	06/05/25 17:27	1
Chrysene	ND		10.0	1.20	ug/L		06/04/25 07:00	06/05/25 17:27	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		06/04/25 07:00	06/05/25 17:27	1
Dibenzofuran	ND		10.0	0.640	ug/L		06/04/25 07:00	06/05/25 17:27	1
Diethyl phthalate	ND		10.0	4.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Di-n-butyl phthalate	ND		10.0	4.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		06/04/25 07:00	06/05/25 17:27	1
Fluoranthene	ND		10.0	0.630	ug/L		06/04/25 07:00	06/05/25 17:27	1
Fluorene	ND		10.0	0.670	ug/L		06/04/25 07:00	06/05/25 17:27	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		06/04/25 07:00	06/05/25 17:27	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		06/04/25 07:00	06/05/25 17:27	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		06/04/25 07:00	06/05/25 17:27	1
Hexachloroethane	ND		10.0	0.530	ug/L		06/04/25 07:00	06/05/25 17:27	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		06/04/25 07:00	06/05/25 17:27	1
Isophorone	ND		10.0	0.800	ug/L		06/04/25 07:00	06/05/25 17:27	1
Naphthalene	ND		10.0	0.750	ug/L		06/04/25 07:00	06/05/25 17:27	1
Nitrobenzene	ND		10.0	0.600	ug/L		06/04/25 07:00	06/05/25 17:27	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		06/04/25 07:00	06/05/25 17:27	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		06/04/25 07:00	06/05/25 17:27	1
Pentachlorophenol	ND		10.0	2.80	ug/L		06/04/25 07:00	06/05/25 17:27	1
Phenanthrene	ND		10.0	0.740	ug/L		06/04/25 07:00	06/05/25 17:27	1
Phenol	ND		10.0	0.680	ug/L		06/04/25 07:00	06/05/25 17:27	1
Pyrene	ND		10.0	0.630	ug/L		06/04/25 07:00	06/05/25 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 150*	*06/04/25 07:00*	*06/05/25 17:27*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*06/04/25 07:00*	*06/05/25 17:27*	*1*

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

Lab Sample ID: MB 400-711547/1-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711547

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	*95*		*10 - 150*	*06/04/25 07:00*	*06/05/25 17:27*	*1*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*	*06/04/25 07:00*	*06/05/25 17:27*	*1*
Phenol-d5 (Surr)	*108*		*10 - 150*	*06/04/25 07:00*	*06/05/25 17:27*	*1*
Terphenyl-d14 (Surr)	*76*		*28 - 150*	*06/04/25 07:00*	*06/05/25 17:27*	*1*

Lab Sample ID: LCS 400-711547/2-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	35.44		ug/L		71	27 - 120
2,4,5-Trichlorophenol	50.0	44.47		ug/L		89	27 - 136
2,4,6-Trichlorophenol	50.0	45.21		ug/L		90	21 - 132
2,4-Dichlorophenol	50.0	43.63		ug/L		87	30 - 125
2,4-Dimethylphenol	50.0	41.82		ug/L		84	10 - 142
2,4-Dinitrophenol	100	78.38		ug/L		78	10 - 150
2,4-Dinitrotoluene	50.0	43.21		ug/L		86	30 - 129
2,6-Dinitrotoluene	50.0	43.23		ug/L		86	34 - 132
2-Chloronaphthalene	50.0	34.91		ug/L		70	10 - 150
2-Chlorophenol	50.0	46.98		ug/L		94	28 - 127
2-Methylnaphthalene	50.0	32.78		ug/L		66	24 - 110
2-Methylphenol	50.0	51.80		ug/L		104	11 - 121
2-Nitroaniline	50.0	48.07		ug/L		96	31 - 141
2-Nitrophenol	50.0	46.37		ug/L		93	31 - 142
3 & 4 Methylphenol	50.0	54.37		ug/L		109	10 - 150
3,3'-Dichlorobenzidine	66.7	52.14		ug/L		78	10 - 150
3-Nitroaniline	50.0	43.31		ug/L		87	33 - 136
4,6-Dinitro-2-methylphenol	100	88.47		ug/L		88	10 - 150
4-Bromophenyl phenyl ether	50.0	43.52		ug/L		87	24 - 120
4-Chloro-3-methylphenol	50.0	49.04		ug/L		98	10 - 137
4-Chloroaniline	50.0	48.36		ug/L		97	10 - 150
4-Chlorophenyl phenyl ether	50.0	37.84		ug/L		76	31 - 110
4-Nitroaniline	50.0	43.72		ug/L		87	37 - 139
4-Nitrophenol	100	115.1		ug/L		115	10 - 150
Acenaphthene	50.0	35.67		ug/L		71	29 - 110
Acenaphthylene	50.0	37.94		ug/L		76	30 - 112
Acetophenone	50.0	45.02		ug/L		90	27 - 119
Anthracene	50.0	45.99		ug/L		92	31 - 120
Atrazine	50.0	50.52		ug/L		101	10 - 150
Benzaldehyde	50.0	37.19		ug/L		74	10 - 150
Benzo[a]anthracene	50.0	51.96		ug/L		104	36 - 118
Benzo[a]pyrene	50.0	45.14		ug/L		90	29 - 120
Benzo[b]fluoranthene	50.0	47.75		ug/L		96	32 - 119
Benzo[g,h,i]perylene	50.0	41.85		ug/L		84	28 - 115
Benzo[k]fluoranthene	50.0	45.67		ug/L		91	30 - 118
bis (2-chloroisopropyl) ether	50.0	41.40		ug/L		83	32 - 115
Bis(2-chloroethoxy)methane	50.0	47.18		ug/L		94	34 - 120
Bis(2-chloroethyl)ether	50.0	43.62		ug/L		87	32 - 114

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

Lab Sample ID: LCS 400-711547/2-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	50.0	42.80		ug/L		86	24 - 133
Butyl benzyl phthalate	50.0	46.32		ug/L		93	24 - 140
Caprolactam	50.0	46.20		ug/L		92	10 - 150
Carbazole	50.0	45.67		ug/L		91	28 - 123
Chrysene	50.0	49.98		ug/L		100	34 - 113
Dibenz(a,h)anthracene	50.0	42.87		ug/L		86	29 - 117
Dibenzofuran	50.0	45.35		ug/L		91	35 - 110
Diethyl phthalate	50.0	32.54		ug/L		65	31 - 118
Dimethyl phthalate	50.0	36.14		ug/L		72	24 - 125
Di-n-butyl phthalate	50.0	39.54		ug/L		79	30 - 127
Di-n-octyl phthalate	50.0	42.82		ug/L		86	28 - 142
Fluoranthene	50.0	51.17		ug/L		102	30 - 124
Fluorene	50.0	40.39		ug/L		81	30 - 118
Hexachlorobenzene	50.0	43.79		ug/L		88	29 - 113
Hexachlorobutadiene	50.0	24.64		ug/L		49	10 - 117
Hexachlorocyclopentadiene	50.0	19.41	J	ug/L		39	10 - 150
Hexachloroethane	50.0	26.76		ug/L		54	10 - 112
Indeno[1,2,3-cd]pyrene	50.0	42.51		ug/L		85	28 - 115
Isophorone	50.0	44.09		ug/L		88	29 - 125
Naphthalene	50.0	35.10		ug/L		70	27 - 110
Nitrobenzene	50.0	41.08		ug/L		82	29 - 129
N-Nitrosodi-n-propylamine	50.0	47.73		ug/L		95	53 - 134
N-Nitrosodiphenylamine	49.6	43.65		ug/L		88	62 - 132
Pentachlorophenol	100	98.98		ug/L		99	14 - 150
Phenanthrene	50.0	45.73		ug/L		91	32 - 115
Phenol	50.0	64.83		ug/L		130	10 - 150
Pyrene	50.0	49.28		ug/L		99	30 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 150*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*
2-Fluorophenol (Surr)	*96*		*10 - 150*
Nitrobenzene-d5 (Surr)	*82*		*22 - 150*
Phenol-d5 (Surr)	*119*		*10 - 150*
Terphenyl-d14 (Surr)	*82*		*28 - 150*

Lab Sample ID: LCSD 400-711547/3-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711547

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	50.0	35.24		ug/L		70	27 - 120	1	40
2,4,5-Trichlorophenol	50.0	47.04		ug/L		94	27 - 136	6	40
2,4,6-Trichlorophenol	50.0	46.59		ug/L		93	21 - 132	3	40
2,4-Dichlorophenol	50.0	46.51		ug/L		93	30 - 125	6	40
2,4-Dimethylphenol	50.0	47.41		ug/L		95	10 - 142	13	40
2,4-Dinitrophenol	100	79.45		ug/L		79	10 - 150	1	40
2,4-Dinitrotoluene	50.0	44.23		ug/L		88	30 - 129	2	40

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

Lab Sample ID: LCSD 400-711547/3-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711547

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	50.0	43.99		ug/L		88	34 - 132	2	40
2-Chloronaphthalene	50.0	30.43		ug/L		61	10 - 150	14	40
2-Chlorophenol	50.0	50.01		ug/L		100	28 - 127	6	40
2-Methylnaphthalene	50.0	34.55		ug/L		69	24 - 110	5	40
2-Methylphenol	50.0	56.11		ug/L		112	11 - 121	8	40
2-Nitroaniline	50.0	50.20		ug/L		100	31 - 141	4	40
2-Nitrophenol	50.0	49.92		ug/L		100	31 - 142	7	40
3 & 4 Methylphenol	50.0	58.35		ug/L		117	10 - 150	7	40
3,3'-Dichlorobenzidine	66.7	54.95		ug/L		82	10 - 150	5	40
3-Nitroaniline	50.0	44.73		ug/L		89	33 - 136	3	40
4,6-Dinitro-2-methylphenol	100	91.83		ug/L		92	10 - 150	4	40
4-Bromophenyl phenyl ether	50.0	44.54		ug/L		89	24 - 120	2	40
4-Chloro-3-methylphenol	50.0	52.64		ug/L		105	10 - 137	7	40
4-Chloroaniline	50.0	51.18		ug/L		102	10 - 150	6	40
4-Chlorophenyl phenyl ether	50.0	38.50		ug/L		77	31 - 110	2	40
4-Nitroaniline	50.0	45.26		ug/L		91	37 - 139	3	40
4-Nitrophenol	100	119.9		ug/L		120	10 - 150	4	40
Acenaphthene	50.0	35.87		ug/L		72	29 - 110	1	40
Acenaphthylene	50.0	38.29		ug/L		77	30 - 112	1	40
Acetophenone	50.0	46.08		ug/L		92	27 - 119	2	40
Anthracene	50.0	47.32		ug/L		95	31 - 120	3	40
Atrazine	50.0	50.36		ug/L		101	10 - 150	0	40
Benzaldehyde	50.0	38.70		ug/L		77	10 - 150	4	40
Benzo[a]anthracene	50.0	55.42		ug/L		111	36 - 118	6	40
Benzo[a]pyrene	50.0	45.08		ug/L		90	29 - 120	0	40
Benzo[b]fluoranthene	50.0	47.99		ug/L		96	32 - 119	1	40
Benzo[g,h,i]perylene	50.0	41.67		ug/L		83	28 - 115	0	40
Benzo[k]fluoranthene	50.0	45.56		ug/L		91	30 - 118	0	40
bis (2-chloroisopropyl) ether	50.0	42.24		ug/L		84	32 - 115	2	40
Bis(2-chloroethoxy)methane	50.0	50.17		ug/L		100	34 - 120	6	40
Bis(2-chloroethyl)ether	50.0	44.83		ug/L		90	32 - 114	3	40
Bis(2-ethylhexyl) phthalate	50.0	44.65		ug/L		89	24 - 133	4	40
Butyl benzyl phthalate	50.0	54.22		ug/L		108	24 - 140	16	40
Caprolactam	50.0	57.77		ug/L		116	10 - 150	22	40
Carbazole	50.0	46.33		ug/L		93	28 - 123	1	40
Chrysene	50.0	54.04		ug/L		108	34 - 113	8	40
Dibenz(a,h)anthracene	50.0	42.97		ug/L		86	29 - 117	0	40
Dibenzofuran	50.0	46.14		ug/L		92	35 - 110	2	40
Diethyl phthalate	50.0	35.41		ug/L		71	31 - 118	8	40
Dimethyl phthalate	50.0	37.82		ug/L		76	24 - 125	5	40
Di-n-butyl phthalate	50.0	43.64		ug/L		87	30 - 127	10	40
Di-n-octyl phthalate	50.0	44.73		ug/L		89	28 - 142	4	40
Fluoranthene	50.0	51.28		ug/L		103	30 - 124	0	40
Fluorene	50.0	40.60		ug/L		81	30 - 118	1	40
Hexachlorobenzene	50.0	44.69		ug/L		89	29 - 113	2	40
Hexachlorobutadiene	50.0	24.64		ug/L		49	10 - 117	0	40
Hexachlorocyclopentadiene	50.0	20.68		ug/L		41	10 - 150	6	40
Hexachloroethane	50.0	26.75		ug/L		53	10 - 112	0	40
Indeno[1,2,3-cd]pyrene	50.0	42.27		ug/L		85	28 - 115	1	40

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

Lab Sample ID: LCSD 400-711547/3-A
Matrix: Water
Analysis Batch: 711694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711547

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone			50.0	45.14		ug/L		90	29 - 125	2	40
Naphthalene			50.0	37.19		ug/L		74	27 - 110	6	40
Nitrobenzene			50.0	42.25		ug/L		84	29 - 129	3	40
N-Nitrosodi-n-propylamine			50.0	49.95		ug/L		100	53 - 134	5	40
N-Nitrosodiphenylamine			49.6	44.44		ug/L		90	62 - 132	2	40
Pentachlorophenol			100	102.1		ug/L		102	14 - 150	3	40
Phenanthrene			50.0	46.57		ug/L		93	32 - 115	2	40
Phenol			50.0	68.63		ug/L		137	10 - 150	6	40
Pyrene			50.0	51.42		ug/L		103	30 - 126	4	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 150*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*
2-Fluorophenol (Surr)	*99*		*10 - 150*
Nitrobenzene-d5 (Surr)	*82*		*22 - 150*
Phenol-d5 (Surr)	*125*		*10 - 150*
Terphenyl-d14 (Surr)	*82*		*28 - 150*

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

Lab Sample ID: MB 400-711732/1-A
Matrix: Water
Analysis Batch: 712314

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711732

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		06/05/25 07:00	06/10/25 20:39	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*15*		*10 - 140*	*06/05/25 07:00*	*06/10/25 20:39*	*1*

Lab Sample ID: LCS 400-711732/2-A
Matrix: Water
Analysis Batch: 712314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711732

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane			16.0	16.29		ug/L		102	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*21*		*10 - 140*

Lab Sample ID: LCSD 400-711732/3-A
Matrix: Water
Analysis Batch: 712314

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711732

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	16.70		ug/L		104	30 - 150	3	

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

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-711030/5
Matrix: Water
Analysis Batch: 711030

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.100	0.0630	mg/L			05/30/25 19:02	1

Lab Sample ID: LCS 400-711030/6
Matrix: Water
Analysis Batch: 711030

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.26	2.114		mg/L		94	90 - 110		

Lab Sample ID: LCSD 400-711030/7
Matrix: Water
Analysis Batch: 711030

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
Nitrate as N			2.26	2.101		mg/L		93	90 - 110	1	15

Lab Sample ID: MB 400-711032/5
Matrix: Water
Analysis Batch: 711032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.390	mg/L			05/30/25 19:02	1

Lab Sample ID: LCS 400-711032/6
Matrix: Water
Analysis Batch: 711032

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	9.701		mg/L		97	90 - 110		

Lab Sample ID: LCSD 400-711032/7
Matrix: Water
Analysis Batch: 711032

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
Sulfate			10.0	9.478		mg/L		95	90 - 110	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-58947/1-A
Matrix: Water
Analysis Batch: 59450

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 58947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		06/04/25 07:27	06/05/25 02:07	1
Arsenic	ND		5.00	1.32	ug/L		06/04/25 07:27	06/05/25 02:07	1
Barium	ND		10.0	0.410	ug/L		06/04/25 07:27	06/05/25 02:07	1
Beryllium	ND	^+	1.00	0.147	ug/L		06/04/25 07:27	06/05/25 02:07	1
Cadmium	ND		0.700	0.237	ug/L		06/04/25 07:27	06/05/25 02:07	1
Chromium	ND		5.00	3.69	ug/L		06/04/25 07:27	06/05/25 02:07	1

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

Lab Sample ID: MB 705-58947/1-A
Matrix: Water
Analysis Batch: 59450

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 58947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		5.00	0.411	ug/L		06/04/25 07:27	06/05/25 02:07	1
Copper	ND		2.00	0.642	ug/L		06/04/25 07:27	06/05/25 02:07	1
Lead	ND		1.00	0.864	ug/L		06/04/25 07:27	06/05/25 02:07	1
Manganese	ND		5.00	1.29	ug/L		06/04/25 07:27	06/05/25 02:07	1
Nickel	ND		5.00	0.422	ug/L		06/04/25 07:27	06/05/25 02:07	1
Selenium	ND		5.00	2.29	ug/L		06/04/25 07:27	06/05/25 02:07	1
Silver	ND		1.00	0.167	ug/L		06/04/25 07:27	06/05/25 02:07	1
Thallium	ND	^+	1.00	0.190	ug/L		06/04/25 07:27	06/05/25 02:07	1
Vanadium	ND		5.00	1.22	ug/L		06/04/25 07:27	06/05/25 02:07	1
Zinc	ND		10.0	8.91	ug/L		06/04/25 07:27	06/05/25 02:07	1

Lab Sample ID: LCS 705-58947/2-A
Matrix: Water
Analysis Batch: 59450

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 58947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	102.9		ug/L		103	80 - 120
Arsenic	100	96.58		ug/L		97	80 - 120
Barium	100	99.31		ug/L		99	80 - 120
Beryllium	100	107.4	^+	ug/L		107	80 - 120
Cadmium	100	100.0		ug/L		100	80 - 120
Chromium	100	101.3		ug/L		101	80 - 120
Cobalt	100	98.61		ug/L		99	80 - 120
Copper	100	97.58		ug/L		98	80 - 120
Lead	100	112.5		ug/L		112	80 - 120
Manganese	100	98.18		ug/L		98	80 - 120
Nickel	100	96.76		ug/L		97	80 - 120
Selenium	100	102.0		ug/L		102	80 - 120
Silver	10.0	10.63		ug/L		106	80 - 120
Thallium	100	113.2	^+	ug/L		113	80 - 120
Vanadium	100	103.0		ug/L		103	80 - 120
Zinc	100	105.2		ug/L		105	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-59839/1-A
Matrix: Water
Analysis Batch: 60125

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59839

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		06/06/25 12:45	06/06/25 17:38	1

Lab Sample ID: LCS 705-59839/2-A
Matrix: Water
Analysis Batch: 60125

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59839

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.785		ug/L		95	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-12269/10
Matrix: Water
Analysis Batch: 12269

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			06/02/25 10:34	1

Lab Sample ID: LCS 752-12269/11
Matrix: Water
Analysis Batch: 12269

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			1.02	1.019		mg/L		100	90 - 110		

QC Association Summary

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

Job ID: 752-32995-1

GC/MS VOA

Analysis Batch: 711780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	8260D	
752-32995-2	SW-7	Total/NA	Water	8260D	
752-32995-3	SW-4	Total/NA	Water	8260D	
752-32995-4	SW-3	Total/NA	Water	8260D	
752-32995-5	Trip Blank	Total/NA	Water	8260D	
MB 400-711780/5	Method Blank	Total/NA	Water	8260D	
LCS 400-711780/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 711547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	3511	
752-32995-2	SW-7	Total/NA	Water	3511	
752-32995-3	SW-4	Total/NA	Water	3511	
752-32995-4	SW-3	Total/NA	Water	3511	
MB 400-711547/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-711547/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-711547/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 711694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	8270E	711547
752-32995-2	SW-7	Total/NA	Water	8270E	711547
752-32995-3	SW-4	Total/NA	Water	8270E	711547
752-32995-4	SW-3	Total/NA	Water	8270E	711547
MB 400-711547/1-A	Method Blank	Total/NA	Water	8270E	711547
LCS 400-711547/2-A	Lab Control Sample	Total/NA	Water	8270E	711547
LCSD 400-711547/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	711547

Prep Batch: 711732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	3510C	
752-32995-2	SW-7	Total/NA	Water	3510C	
752-32995-3	SW-4	Total/NA	Water	3510C	
752-32995-4	SW-3	Total/NA	Water	3510C	
MB 400-711732/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-711732/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-711732/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 712314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	8270E SIM ID	711732
752-32995-2	SW-7	Total/NA	Water	8270E SIM ID	711732
752-32995-3	SW-4	Total/NA	Water	8270E SIM ID	711732
752-32995-4	SW-3	Total/NA	Water	8270E SIM ID	711732
MB 400-711732/1-A	Method Blank	Total/NA	Water	8270E SIM ID	711732
LCS 400-711732/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	711732
LCSD 400-711732/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	711732

HPLC/IC

Analysis Batch: 711030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	9056A	
752-32995-2	SW-7	Total/NA	Water	9056A	
752-32995-3	SW-4	Total/NA	Water	9056A	
752-32995-4	SW-3	Total/NA	Water	9056A	
MB 400-711030/5	Method Blank	Total/NA	Water	9056A	
LCS 400-711030/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 400-711030/7	Lab Control Sample Dup	Total/NA	Water	9056A	

Analysis Batch: 711032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	9056A	
752-32995-2	SW-7	Total/NA	Water	9056A	
752-32995-3	SW-4	Total/NA	Water	9056A	
752-32995-4	SW-3	Total/NA	Water	9056A	
MB 400-711032/5	Method Blank	Total/NA	Water	9056A	
LCS 400-711032/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 400-711032/7	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 58947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total Recoverable	Water	3005A	
752-32995-2	SW-7	Total Recoverable	Water	3005A	
752-32995-3	SW-4	Total Recoverable	Water	3005A	
752-32995-4	SW-3	Total Recoverable	Water	3005A	
MB 705-58947/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-58947/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 59450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total Recoverable	Water	6020B	58947
752-32995-2	SW-7	Total Recoverable	Water	6020B	58947
752-32995-3	SW-4	Total Recoverable	Water	6020B	58947
752-32995-4	SW-3	Total Recoverable	Water	6020B	58947
MB 705-58947/1-A	Method Blank	Total Recoverable	Water	6020B	58947
LCS 705-58947/2-A	Lab Control Sample	Total Recoverable	Water	6020B	58947

Prep Batch: 59839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	7470A	
752-32995-2	SW-7	Total/NA	Water	7470A	
752-32995-3	SW-4	Total/NA	Water	7470A	
752-32995-4	SW-3	Total/NA	Water	7470A	
MB 705-59839/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-59839/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 60125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	7470A	59839
752-32995-2	SW-7	Total/NA	Water	7470A	59839

Metals (Continued)

Analysis Batch: 60125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-3	SW-4	Total/NA	Water	7470A	59839
752-32995-4	SW-3	Total/NA	Water	7470A	59839
MB 705-59839/1-A	Method Blank	Total/NA	Water	7470A	59839
LCS 705-59839/2-A	Lab Control Sample	Total/NA	Water	7470A	59839

General Chemistry

Analysis Batch: 12269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32995-1	SW-8	Total/NA	Water	350.1	
752-32995-2	SW-7	Total/NA	Water	350.1	
752-32995-3	SW-4	Total/NA	Water	350.1	
752-32995-4	SW-3	Total/NA	Water	350.1	
MB 752-12269/10	Method Blank	Total/NA	Water	350.1	
LCS 752-12269/11	Lab Control Sample	Total/NA	Water	350.1	

Lab Chronicle

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

Job ID: 752-32995-1

Client Sample ID: SW-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711780	WPD	EET PEN	06/06/25 11:28
Total/NA	Prep	3511			711547	RAW	EET PEN	06/04/25 07:00
Total/NA	Analysis	8270E		1	711694	JAW	EET PEN	06/05/25 19:16
Total/NA	Prep	3510C			711732	BKL	EET PEN	06/05/25 07:00
Total/NA	Analysis	8270E SIM ID		1	712314	VC1	EET PEN	06/10/25 21:44
Total/NA	Analysis	9056A		1	711030	AMM	EET PEN	05/30/25 19:27
Total/NA	Analysis	9056A		1	711032	AMM	EET PEN	05/30/25 19:27
Total Recoverable	Prep	3005A			58947	SA	EET ATL	06/04/25 07:27
Total Recoverable	Analysis	6020B		1	59450	IF	EET ATL	06/05/25 03:22
Total/NA	Prep	7470A			59839	GR	EET ATL	06/06/25 12:45
Total/NA	Analysis	7470A		1	60125	GR	EET ATL	06/06/25 18:29
Total/NA	Analysis	350.1		1	12269	ME	EET RAL	06/02/25 11:08

Client Sample ID: SW-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711780	WPD	EET PEN	06/06/25 11:54
Total/NA	Prep	3511			711547	RAW	EET PEN	06/04/25 07:00
Total/NA	Analysis	8270E		1	711694	JAW	EET PEN	06/05/25 19:53
Total/NA	Prep	3510C			711732	BKL	EET PEN	06/05/25 07:00
Total/NA	Analysis	8270E SIM ID		1	712314	VC1	EET PEN	06/10/25 22:06
Total/NA	Analysis	9056A		1	711030	AMM	EET PEN	05/30/25 19:36
Total/NA	Analysis	9056A		1	711032	AMM	EET PEN	05/30/25 19:36
Total Recoverable	Prep	3005A			58947	SA	EET ATL	06/04/25 07:27
Total Recoverable	Analysis	6020B		1	59450	IF	EET ATL	06/05/25 03:24
Total/NA	Prep	7470A			59839	GR	EET ATL	06/06/25 12:45
Total/NA	Analysis	7470A		1	60125	GR	EET ATL	06/06/25 18:45
Total/NA	Analysis	350.1		1	12269	ME	EET RAL	06/02/25 11:10

Client Sample ID: SW-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:19

Lab Sample ID: 752-32995-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711780	WPD	EET PEN	06/06/25 14:53
Total/NA	Prep	3511			711547	RAW	EET PEN	06/04/25 07:00
Total/NA	Analysis	8270E		1	711694	JAW	EET PEN	06/05/25 20:30
Total/NA	Prep	3510C			711732	BKL	EET PEN	06/05/25 07:00
Total/NA	Analysis	8270E SIM ID		1	712314	VC1	EET PEN	06/10/25 22:28
Total/NA	Analysis	9056A		1	711030	AMM	EET PEN	05/30/25 19:44
Total/NA	Analysis	9056A		1	711032	AMM	EET PEN	05/30/25 19:44

Lab Chronicle

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

Job ID: 752-32995-1

Client Sample ID: SW-4

Lab Sample ID: 752-32995-3

Date Collected: 05/29/25 11:45

Matrix: Water

Date Received: 05/29/25 14:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			58947	SA	EET ATL	06/04/25 07:27
Total Recoverable	Analysis	6020B		1	59450	IF	EET ATL	06/05/25 03:26
Total/NA	Prep	7470A			59839	GR	EET ATL	06/06/25 12:45
Total/NA	Analysis	7470A		1	60125	GR	EET ATL	06/06/25 18:48
Total/NA	Analysis	350.1		1	12269	ME	EET RAL	06/02/25 11:12

Client Sample ID: SW-3

Lab Sample ID: 752-32995-4

Date Collected: 05/29/25 12:10

Matrix: Water

Date Received: 05/29/25 14:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711780	WPD	EET PEN	06/06/25 15:18
Total/NA	Prep	3511			711547	RAW	EET PEN	06/04/25 07:00
Total/NA	Analysis	8270E		1	711694	JAW	EET PEN	06/05/25 21:06
Total/NA	Prep	3510C			711732	BKL	EET PEN	06/05/25 07:00
Total/NA	Analysis	8270E SIM ID		1	712314	VC1	EET PEN	06/10/25 22:50
Total/NA	Analysis	9056A		1	711030	AMM	EET PEN	05/30/25 19:53
Total/NA	Analysis	9056A		1	711032	AMM	EET PEN	05/30/25 19:53
Total Recoverable	Prep	3005A			58947	SA	EET ATL	06/04/25 07:27
Total Recoverable	Analysis	6020B		1	59450	IF	EET ATL	06/05/25 03:29
Total/NA	Prep	7470A			59839	GR	EET ATL	06/06/25 12:45
Total/NA	Analysis	7470A		1	60125	GR	EET ATL	06/06/25 18:52
Total/NA	Analysis	350.1		1	12269	ME	EET RAL	06/02/25 11:14

Client Sample ID: Trip Blank

Lab Sample ID: 752-32995-5

Date Collected: 05/29/25 00:00

Matrix: Water

Date Received: 05/29/25 14:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711780	WPD	EET PEN	06/06/25 15:44

Laboratory References:

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

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

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-32995-1
Project/Site: Wallton 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	1,2,4-Trimethylbenzene
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol
9056A		Water	Nitrate as N
9056A		Water	Sulfate

Method Summary

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

Job ID: 752-32995-1

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 PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
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

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

Laboratory References:

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

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

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

Sample Summary

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

Job ID: 752-32995-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
752-32995-1	SW-8	Water	05/29/25 10:00	05/29/25 14:19
752-32995-2	SW-7	Water	05/29/25 10:40	05/29/25 14:19
752-32995-3	SW-4	Water	05/29/25 11:45	05/29/25 14:19
752-32995-4	SW-3	Water	05/29/25 12:10	05/29/25 14:19
752-32995-5	Trip Blank	Water	05/29/25 00:00	05/29/25 14:19

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: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s): 752-32995 COC	COC No: 680-167640-59295.1
Client Contact: Jerry Paul	Phone: 919.872.2660	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:

Address: 3201 Spring Forest Road	Due Date Requested:	Analysis Requested	Preservation Codes: N - None; PL - MeOH/NaHS04; 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#:		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)	360.1 - Ammonia, 9056A_ORGFM_28D - Sulfate	8270E - SVOCs, 8270E_SIM_ID_D5 - 1,4-Dioxane	9056A_ORGFM_48H - Nitrate as N - Soil	8260D - VOC NC 02L List - Soil	6020B - PRLF 10 Metals; 7471B - Hg - Soil	8260D - VOC NC 02L List (Water - Trip Blank)	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	PL	N	A		
SW-8	5/29/25	1000	G	W	N	X	X	X	X	X	X	12	
SW-7		1040				X	X	X	X	X	X	12	
SW-4		1145				X	X	X	X	X	X	12	
SW-3		1210				X	X	X	X	X	X	12	
Trip Blank		—	—	—								2	

Initial Temperature: _____ °C
Correction Factor: 0.2°C
Corrected Temperature: _____ °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO LB

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jonathan Olanin	5/29/25	S&ME	[signature]	5/29/25 1419	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:

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: 752-5719.1
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 #: 752-32995-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 6/6/2025			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: Wallton 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/5030C VOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Trip Blank (752-32995-5)	5/29/25	Eastern	G	Water			X	2	

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		052925 1700			5/30/25 1012	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.6 IR11, 3.8 IR11

Ver: 10/10/2024

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-5718.1
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 #: 752-32995-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 6/6/2025			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: Wallton 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/5030C VOC NC 02L List	8270E_QQQ/3511 SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI 1,4 Dioxane	9056A_ORGFM_28D/ Sulfate	9056A_ORGFM_48H/ Nitrate as N	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-8 (752-32995-1)	5/29/25	10:00 Eastern	G	Water			X	X	X	X	X	10	
SW-7 (752-32995-2)	5/29/25	10:40 Eastern	G	Water			X	X	X	X	X	10	
SW-4 (752-32995-3)	5/29/25	11:45 Eastern	G	Water			X	X	X	X	X	10	
SW-3 (752-32995-4)	5/29/25	12:10 Eastern	G	Water			X	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:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	5.29.25 1536		VB	5/30/25 1102	EETS
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: 3.6c [signature]

Ver: 10/10/2024

6/11/2025

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-5717.1
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 #: 752-32995-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 6/6/2025			
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: Wallton 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/3005A PRLF 16 Metals, including prep	7470A/7470A_Prep Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SW-8 (752-32995-1)	5/29/25	10:00 Eastern	G	Water			X	X	1	
SW-7 (752-32995-2)	5/29/25	10:40 Eastern	G	Water			X	X	1	
SW-4 (752-32995-3)	5/29/25	11:45 Eastern	G	Water			X	X	1	
SW-3 (752-32995-4)	5/29/25	12:10 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
1	[signature]	5-29-25 1536		[signature]	5/30/25 10 [illegible]	
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: 2664 3.4

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-32995-1

Login Number: 32995
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: 752-32995-1

Login Number: 32995
List Number: 2
Creator: Karbievskii, Konstantin

List Source: Eurofins Atlanta
List Creation: 05/30/25 10:32 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
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.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-32995-1

Login Number: 32995
List Number: 3
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola
List Creation: 05/30/25 03:53 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6°C, 3.8°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/30/2025 5:00:50 PM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-32997-1

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
6/30/2025 5:00:50 PM

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

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Definitions/Glossary

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

Job ID: 752-32997-1

Qualifiers

GC/MS 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.

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.

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.

Glossary

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

Glossary (Continued)

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

Job Narrative
752-32997-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/29/2025 2:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

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

GC/MS Semi VOA
Method 8270E: The following samples were diluted to bring the concentration of target analytes within the calibration range: SED-8 (752-32997-1), SED-7 (752-32997-2), SED-4 (752-32997-3) and SED-3 (752-32997-4). Elevated reporting limits (RLs) are provided.

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

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

Metals
Method 6020B_LL: The method blank for preparation batch 705-59440 and analytical batch 705-60318 contained Silver, Chromium, Copper and Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Detection Summary

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

Job ID: 752-32997-1

Client Sample ID: SED-8 — Lab Sample ID: 752-32997-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.205		0.0296	0.0142	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0176	J	0.0296	0.00710	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	0.442	J	1.96	0.279	mg/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.642	J	1.96	0.587	mg/Kg	5	☼	8270E	Total/NA
Fluoranthene	1.40	J	1.96	0.433	mg/Kg	5	☼	8270E	Total/NA
Phenanthrene	0.516	J	1.96	0.480	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.893	J	1.96	0.462	mg/Kg	5	☼	8270E	Total/NA
Sulfate	18.5	J	24.2	8.84	mg/Kg	1	☼	9056A	Soluble
Silver	0.0457	J B	0.166	0.00192	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.11		0.397	0.0354	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.85	B	0.662	0.136	mg/Kg	5	☼	6020B	Total/NA
Copper	15.5	B	0.331	0.0344	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.193	J	0.331	0.0108	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.62		0.497	0.0187	mg/Kg	5	☼	6020B	Total/NA
Barium	25.3	F1 B	1.66	0.00937	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.147	J	0.331	0.0232	mg/Kg	5	☼	6020B	Total/NA
Manganese	121		0.662	0.0407	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.2		0.662	0.0173	mg/Kg	5	☼	6020B	Total/NA
Lead	68.1		0.331	0.0391	mg/Kg	5	☼	6020B	Total/NA
Antimony	0.242	J F1	0.662	0.151	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.236	J	1.66	0.118	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0970	J	0.464	0.0279	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.7	F1	0.662	0.0831	mg/Kg	5	☼	6020B	Total/NA
Zinc	84.6		1.66	1.37	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-7 — Lab Sample ID: 752-32997-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.112		0.0257	0.0124	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.00927	J	0.0257	0.00618	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	0.459	J	2.33	0.332	mg/Kg	5	☼	8270E	Total/NA
Fluoranthene	1.54	J	2.33	0.516	mg/Kg	5	☼	8270E	Total/NA
Phenanthrene	0.668	J	2.33	0.572	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.948	J	2.33	0.551	mg/Kg	5	☼	8270E	Total/NA
Sulfate	32.3		29.2	10.7	mg/Kg	1	☼	9056A	Soluble
Silver	0.264	B	0.214	0.00248	mg/Kg	5	☼	6020B	Total/NA
Arsenic	4.04		0.513	0.0457	mg/Kg	5	☼	6020B	Total/NA
Chromium	18.2	B	0.855	0.176	mg/Kg	5	☼	6020B	Total/NA
Copper	55.7	B	0.427	0.0444	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.944		0.427	0.0139	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.36		0.641	0.0242	mg/Kg	5	☼	6020B	Total/NA
Barium	122	B	2.14	0.0121	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.507		0.427	0.0300	mg/Kg	5	☼	6020B	Total/NA
Manganese	290		0.855	0.0526	mg/Kg	5	☼	6020B	Total/NA
Nickel	18.9		0.855	0.0224	mg/Kg	5	☼	6020B	Total/NA
Lead	114		0.427	0.0504	mg/Kg	5	☼	6020B	Total/NA
Antimony	0.619	J	0.855	0.195	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.753	J	2.14	0.152	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.133	J	0.598	0.0360	mg/Kg	5	☼	6020B	Total/NA
Vanadium	23.6		0.855	0.107	mg/Kg	5	☼	6020B	Total/NA
Zinc	371		2.14	1.77	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-32997-1

Client Sample ID: SED-4 — Lab Sample ID: 752-32997-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0163	J	0.0230	0.0110	mg/Kg	1	☼	8260D	Total/NA
Fluoranthene	0.591	J	2.10	0.465	mg/Kg	5	☼	8270E	Total/NA
Silver	0.0166	J B	0.171	0.00199	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.499		0.411	0.0366	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.70	B	0.685	0.141	mg/Kg	5	☼	6020B	Total/NA
Copper	7.92	B	0.342	0.0356	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.133	J	0.342	0.0112	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.14		0.514	0.0194	mg/Kg	5	☼	6020B	Total/NA
Barium	18.4	B	1.71	0.00969	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.112	J	0.342	0.0240	mg/Kg	5	☼	6020B	Total/NA
Manganese	80.2		0.685	0.0421	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.1		0.685	0.0179	mg/Kg	5	☼	6020B	Total/NA
Lead	15.5		0.342	0.0404	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.158	J	1.71	0.122	mg/Kg	5	☼	6020B	Total/NA
Vanadium	10.4		0.685	0.0860	mg/Kg	5	☼	6020B	Total/NA
Zinc	54.6		1.71	1.42	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-3 — Lab Sample ID: 752-32997-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0749		0.0245	0.0118	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.00740	J	0.0245	0.00589	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00118	J	0.00491	0.000982	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00889		0.00771	0.00771	mg/Kg	5	☼	8270E SIM ID	Total/NA
Fluoranthene	0.512	J	2.00	0.442	mg/Kg	5	☼	8270E	Total/NA
Sulfate	16.6	J	26.1	9.52	mg/Kg	1	☼	9056A	Soluble
Silver	0.0137	J B	0.167	0.00194	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.377	J	0.401	0.0357	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.09	B	0.668	0.138	mg/Kg	5	☼	6020B	Total/NA
Copper	6.94	B	0.334	0.0347	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0985	J	0.334	0.0109	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.10		0.501	0.0189	mg/Kg	5	☼	6020B	Total/NA
Barium	12.4	B	1.67	0.00945	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0788	J	0.334	0.0234	mg/Kg	5	☼	6020B	Total/NA
Manganese	78.2		0.668	0.0411	mg/Kg	5	☼	6020B	Total/NA
Nickel	11.4		0.668	0.0175	mg/Kg	5	☼	6020B	Total/NA
Lead	9.84		0.334	0.0394	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.166	J	1.67	0.119	mg/Kg	5	☼	6020B	Total/NA
Vanadium	13.1		0.668	0.0838	mg/Kg	5	☼	6020B	Total/NA
Zinc	38.5		1.67	1.39	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-32997-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-1
Matrix: Solid
Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.205**		0.0296	0.0142	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Benzene	ND		0.00591	0.000792	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Bromobenzene	ND		0.00591	0.00154	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Chlorobromomethane	ND		0.00591	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Dichlorobromomethane	ND		0.00591	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Bromoform	ND		0.00591	0.00154	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Bromomethane	ND		0.00591	0.00296	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
2-Butanone (MEK)	**0.0176**	**J**	0.0296	0.00710	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
n-Butylbenzene	ND		0.00591	0.00114	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
sec-Butylbenzene	ND		0.00591	0.00112	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
tert-Butylbenzene	ND		0.00591	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Carbon disulfide	ND		0.00591	0.00299	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Carbon tetrachloride	ND		0.00591	0.00201	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Chlorobenzene	ND		0.00591	0.00156	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Chloroethane	ND		0.00591	0.00390	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Chloroform	ND		0.00591	0.00161	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Chloromethane	ND		0.00591	0.00261	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
2-Chlorotoluene	ND		0.00591	0.00196	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
4-Chlorotoluene	ND		0.00591	0.00116	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Chlorodibromomethane	ND		0.00591	0.00142	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2-Dibromo-3-Chloropropane	ND		0.00591	0.00390	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Ethylene Dibromide	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Dibromomethane	ND		0.00591	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2-Dichlorobenzene	ND		0.00591	0.00188	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,3-Dichlorobenzene	ND		0.00591	0.00112	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,4-Dichlorobenzene	ND		0.00591	0.00102	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
trans-1,4-Dichloro-2-butene	ND		0.00591	0.00296	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1-Dichloroethane	ND		0.00591	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2-Dichloroethane	ND		0.00591	0.00218	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
cis-1,2-Dichloroethene	ND		0.00591	0.000899	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
trans-1,2-Dichloroethene	ND		0.00591	0.00114	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1-Dichloroethene	ND		0.00591	0.00248	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2-Dichloropropane	ND		0.00591	0.000899	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,3-Dichloropropane	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
2,2-Dichloropropane	ND		0.00591	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1-Dichloropropene	ND		0.00591	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
cis-1,3-Dichloropropene	ND		0.00591	0.00142	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
trans-1,3-Dichloropropene	ND		0.00591	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Ethylbenzene	ND		0.00591	0.000722	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Hexachlorobutadiene	ND		0.00591	0.00296	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
2-Hexanone	ND		0.0296	0.00591	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Iodomethane	ND		0.00591	0.00402	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Isopropylbenzene	ND		0.00591	0.000804	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
4-Isopropyltoluene	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Methylene Chloride	ND		0.0177	0.0118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.0296	0.0159	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Methyl tert-butyl ether	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Naphthalene	ND		0.00591	0.00355	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
N-Propylbenzene	ND		0.00591	0.00106	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1

Client Sample ID: SED-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-1
Matrix: Solid
Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1,1,2-Tetrachloroethane	ND		0.00591	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1,2,2-Tetrachloroethane	ND		0.00591	0.00203	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Tetrachloroethene	ND		0.00591	0.00355	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Toluene	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2,3-Trichlorobenzene	ND		0.00591	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2,4-Trichlorobenzene	ND		0.00591	0.00238	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1,1-Trichloroethane	ND		0.00591	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1,2-Trichloroethane	ND		0.00591	0.00190	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Trichloroethene	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Trichlorofluoromethane	ND		0.00591	0.00286	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2,3-Trichloropropane	ND		0.00591	0.00246	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00591	0.00222	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,2,4-Trimethylbenzene	ND		0.00591	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
1,3,5-Trimethylbenzene	ND		0.00591	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Vinyl acetate	ND		0.0296	0.00755	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Vinyl chloride	ND		0.00591	0.00258	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
o-Xylene	ND		0.00591	0.00355	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
m-Xylene & p-Xylene	ND		0.00591	0.00355	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Xylenes, Total	ND		0.0118	0.00710	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Isopropyl ether	ND	*+	0.00591	0.00163	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Hexane	ND		0.00591	0.00308	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
n-Heptane	ND		0.00591	0.00342	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1
Ethyl acetate	ND		0.0237	0.00591	mg/Kg	☼	06/06/25 08:25	06/06/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:02*	*1*
Dibromofluoromethane	*106*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:02*	*1*
Toluene-d8 (Surr)	*104*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00691	0.00691	mg/Kg	☼	06/12/25 11:56	06/17/25 11:39	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*61*		*10 - 150*	*06/12/25 11:56*	*06/17/25 11:39*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.96	0.492	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2,4,5-Trichlorophenol	ND		1.96	0.599	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2,4,6-Trichlorophenol	ND		1.96	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2,4-Dichlorophenol	ND		1.96	0.415	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2,4-Dimethylphenol	ND		1.96	0.557	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2,4-Dinitrophenol	ND		5.87	1.72	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2,4-Dinitrotoluene	ND		1.96	0.599	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2-Chlorophenol	ND		1.96	0.717	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2-Chloronaphthalene	ND		1.96	0.456	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2-Methylnaphthalene	ND		1.96	0.646	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2-Methylphenol	ND		1.96	0.474	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5

Client Sample ID: SED-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-1
Matrix: Solid
Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1.96	0.415	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
2-Nitrophenol	ND		1.96	0.699	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
3 & 4 Methylphenol	ND		3.91	0.456	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
3,3'-Dichlorobenzidine	ND		1.96	0.652	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
3-Nitroaniline	ND	*+	1.96	0.462	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4,6-Dinitro-2-methylphenol	ND		1.96	1.42	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4-Bromophenyl phenyl ether	ND		1.96	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4-Chloro-3-methylphenol	ND		1.96	0.480	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4-Chloroaniline	ND		1.96	0.480	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4-Chlorophenyl phenyl ether	ND		1.96	0.196	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4-Nitroaniline	ND		1.96	0.670	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Acenaphthene	ND		1.96	0.480	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Acenaphthylene	ND		1.96	0.522	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Acetophenone	ND		1.96	0.557	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Anthracene	ND		1.96	0.462	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Benzo[a]anthracene	ND		1.96	0.522	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Benzo[a]pyrene	**0.442**	**J**	1.96	0.279	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Benzo[b]fluoranthene	**0.642**	**J**	1.96	0.587	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Benzo[g,h,i]perylene	ND		1.96	0.652	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Benzo[k]fluoranthene	ND		1.96	0.462	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Bis(2-chloroethoxy)methane	ND		1.96	0.433	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Bis(2-chloroethyl)ether	ND		1.96	0.640	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Bis(2-ethylhexyl) phthalate	ND		1.96	0.480	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Chrysene	ND		1.96	0.628	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Dibenz(a,h)anthracene	ND		1.96	0.753	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Dibenzofuran	ND		1.96	0.492	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Di-n-butyl phthalate	ND		1.96	0.575	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Diethyl phthalate	ND		1.96	0.628	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Dimethyl phthalate	ND		1.96	0.527	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Di-n-octyl phthalate	ND		1.96	0.711	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Fluoranthene	**1.40**	**J**	1.96	0.433	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Fluorene	ND		1.96	0.533	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Hexachlorobenzene	ND		1.96	0.593	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Hexachlorobutadiene	ND		1.96	0.824	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Hexachlorocyclopentadiene	ND		1.96	0.391	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Hexachloroethane	ND		1.96	0.901	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Indeno[1,2,3-cd]pyrene	ND		1.96	0.788	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Isophorone	ND		1.96	0.397	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Naphthalene	ND		1.96	0.527	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Nitrobenzene	ND		1.96	0.581	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
N-Nitrosodiphenylamine	ND		1.96	0.498	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
N-Nitrosodi-n-propylamine	ND		1.96	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Pentachlorophenol	ND		3.91	0.948	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Phenanthrene	**0.516**	**J**	1.96	0.480	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Phenol	ND		1.96	0.527	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Pyrene	**0.893**	**J**	1.96	0.462	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Butyl benzyl phthalate	ND		1.96	0.948	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
bis (2-chloroisopropyl) ether	ND		1.96	0.747	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Carbazole	ND		1.96	0.664	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5

Client Sample ID: SED-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-1
Matrix: Solid
Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		1.96	0.610	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
4-Nitrophenol	ND		1.96	1.78	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Atrazine	ND		1.96	0.533	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Benzaldehyde	ND		1.96	0.794	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5
Caprolactam	ND		1.96	0.498	mg/Kg	☼	06/05/25 11:02	06/06/25 22:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*06/05/25 11:02*	*06/06/25 22:20*	*5*
2-Fluorobiphenyl (Surr)	*71*		*27 - 127*	*06/05/25 11:02*	*06/06/25 22:20*	*5*
2-Fluorophenol (Surr)	*53*		*25 - 128*	*06/05/25 11:02*	*06/06/25 22:20*	*5*
Terphenyl-d14 (Surr)	*73*		*24 - 146*	*06/05/25 11:02*	*06/06/25 22:20*	*5*
Phenol-d5 (Surr)	*50*		*29 - 130*	*06/05/25 11:02*	*06/06/25 22:20*	*5*
Nitrobenzene-d5 (Surr)	*61*		*15 - 136*	*06/05/25 11:02*	*06/06/25 22:20*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.42	0.800	mg/Kg	☼		06/05/25 03:54	1
Sulfate	**18.5**	**J**	24.2	8.84	mg/Kg	☼		06/05/25 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.0457**	**J B**	0.166	0.00192	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Arsenic	**1.11**		0.397	0.0354	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Chromium	**7.85**	**B**	0.662	0.136	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Copper	**15.5**	**B**	0.331	0.0344	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Cadmium	**0.193**	**J**	0.331	0.0108	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Cobalt	**3.62**		0.497	0.0187	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Barium	**25.3**	**F1 B**	1.66	0.00937	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Beryllium	**0.147**	**J**	0.331	0.0232	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Manganese	**121**		0.662	0.0407	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Nickel	**10.2**		0.662	0.0173	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Lead	**68.1**		0.331	0.0391	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Antimony	**0.242**	**J F1**	0.662	0.151	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Selenium	**0.236**	**J**	1.66	0.118	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Thallium	**0.0970**	**J**	0.464	0.0279	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Vanadium	**12.7**	**F1**	0.662	0.0831	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5
Zinc	**84.6**		1.66	1.37	mg/Kg	☼	06/05/25 11:05	06/09/25 15:26	5

Method: SW846 7473 - Mercury (AAS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.121	0.0507	mg/Kg	☼		06/04/25 11:11	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.18	0.377	mg/Kg	☼		06/04/25 13:45	1

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid
Percent Solids: 68.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.112**		0.0257	0.0124	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Benzene	ND		0.00515	0.000690	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Bromobenzene	ND		0.00515	0.00134	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Chlorobromomethane	ND		0.00515	0.000834	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Dichlorobromomethane	ND		0.00515	0.000947	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Bromoform	ND		0.00515	0.00134	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Bromomethane	ND		0.00515	0.00257	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
2-Butanone (MEK)	**0.00927**	**J**	0.0257	0.00618	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
n-Butylbenzene	ND		0.00515	0.000988	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
sec-Butylbenzene	ND		0.00515	0.000978	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
tert-Butylbenzene	ND		0.00515	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Carbon disulfide	ND		0.00515	0.00260	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Carbon tetrachloride	ND		0.00515	0.00175	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Chlorobenzene	ND		0.00515	0.00136	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Chloroethane	ND		0.00515	0.00340	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Chloroform	ND		0.00515	0.00140	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Chloromethane	ND		0.00515	0.00228	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
2-Chlorotoluene	ND		0.00515	0.00171	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
4-Chlorotoluene	ND		0.00515	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Chlorodibromomethane	ND		0.00515	0.00124	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2-Dibromo-3-Chloropropane	ND		0.00515	0.00340	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Ethylene Dibromide	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Dibromomethane	ND		0.00515	0.000855	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2-Dichlorobenzene	ND		0.00515	0.00164	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,3-Dichlorobenzene	ND		0.00515	0.000978	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,4-Dichlorobenzene	ND		0.00515	0.000885	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
trans-1,4-Dichloro-2-butene	ND		0.00515	0.00257	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1-Dichloroethane	ND		0.00515	0.000855	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2-Dichloroethane	ND		0.00515	0.00189	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
cis-1,2-Dichloroethene	ND		0.00515	0.000782	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
trans-1,2-Dichloroethene	ND		0.00515	0.000988	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1-Dichloroethene	ND		0.00515	0.00216	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2-Dichloropropane	ND		0.00515	0.000782	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,3-Dichloropropane	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
2,2-Dichloropropane	ND		0.00515	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1-Dichloropropene	ND		0.00515	0.000855	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
cis-1,3-Dichloropropene	ND		0.00515	0.00124	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
trans-1,3-Dichloropropene	ND		0.00515	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Ethylbenzene	ND		0.00515	0.000628	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Hexachlorobutadiene	ND		0.00515	0.00257	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
2-Hexanone	ND		0.0257	0.00515	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Iodomethane	ND		0.00515	0.00350	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Isopropylbenzene	ND		0.00515	0.000700	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
4-Isopropyltoluene	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Methylene Chloride	ND		0.0154	0.0103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
4-Methyl-2-pentanone (MIBK)	ND		0.0257	0.0138	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Methyl tert-butyl ether	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Naphthalene	ND		0.00515	0.00309	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
N-Propylbenzene	ND		0.00515	0.000927	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid
Percent Solids: 68.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1,1,2-Tetrachloroethane	ND		0.00515	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1,2,2-Tetrachloroethane	ND		0.00515	0.00177	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Tetrachloroethene	ND		0.00515	0.00309	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Toluene	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2,3-Trichlorobenzene	ND		0.00515	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2,4-Trichlorobenzene	ND		0.00515	0.00207	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1,1-Trichloroethane	ND		0.00515	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1,2-Trichloroethane	ND		0.00515	0.00166	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Trichloroethene	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Trichlorofluoromethane	ND		0.00515	0.00249	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2,3-Trichloropropane	ND		0.00515	0.00214	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00515	0.00194	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,2,4-Trimethylbenzene	ND		0.00515	0.00103	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
1,3,5-Trimethylbenzene	ND		0.00515	0.000855	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Vinyl acetate	ND		0.0257	0.00657	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Vinyl chloride	ND		0.00515	0.00224	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
o-Xylene	ND		0.00515	0.00309	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
m-Xylene & p-Xylene	ND		0.00515	0.00309	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Xylenes, Total	ND		0.0103	0.00618	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Isopropyl ether	ND	*+	0.00515	0.00142	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Hexane	ND		0.00515	0.00268	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
n-Heptane	ND		0.00515	0.00298	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1
Ethyl acetate	ND		0.0206	0.00515	mg/Kg	☼	06/06/25 08:25	06/06/25 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:23*	*1*
Dibromofluoromethane	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:23*	*1*
Toluene-d8 (Surr)	*100*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00874	0.00874	mg/Kg	☼	06/12/25 11:56	06/17/25 12:01	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 150*	*06/12/25 11:56*	*06/17/25 12:01*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.33	0.586	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2,4,5-Trichlorophenol	ND		2.33	0.714	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2,4,6-Trichlorophenol	ND		2.33	0.742	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2,4-Dichlorophenol	ND		2.33	0.495	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2,4-Dimethylphenol	ND		2.33	0.664	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2,4-Dinitrophenol	ND		6.99	2.05	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2,4-Dinitrotoluene	ND		2.33	0.714	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2-Chlorophenol	ND		2.33	0.855	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2-Chloronaphthalene	ND		2.33	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2-Methylnaphthalene	ND		2.33	0.770	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2-Methylphenol	ND		2.33	0.565	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5

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

Job ID: 752-32997-1

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid
Percent Solids: 68.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2.33	0.495	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
2-Nitrophenol	ND		2.33	0.834	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
3 & 4 Methylphenol	ND		4.66	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
3,3'-Dichlorobenzidine	ND		2.33	0.777	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
3-Nitroaniline	ND	*+	2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4,6-Dinitro-2-methylphenol	ND		2.33	1.70	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4-Bromophenyl phenyl ether	ND		2.33	0.742	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4-Chloro-3-methylphenol	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4-Chloroaniline	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4-Chlorophenyl phenyl ether	ND		2.33	0.233	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4-Nitroaniline	ND		2.33	0.798	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Acenaphthene	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Acenaphthylene	ND		2.33	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Acetophenone	ND		2.33	0.664	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Anthracene	ND		2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Benzo[a]anthracene	ND		2.33	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Benzo[a]pyrene	**0.459**	**J**	2.33	0.332	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Benzo[b]fluoranthene	ND		2.33	0.699	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Benzo[g,h,i]perylene	ND		2.33	0.777	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Benzo[k]fluoranthene	ND		2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Bis(2-chloroethoxy)methane	ND		2.33	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Bis(2-chloroethyl)ether	ND		2.33	0.763	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Bis(2-ethylhexyl) phthalate	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Chrysene	ND		2.33	0.749	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Dibenz(a,h)anthracene	ND		2.33	0.897	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Dibenzofuran	ND		2.33	0.586	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Di-n-butyl phthalate	ND		2.33	0.685	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Diethyl phthalate	ND		2.33	0.749	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Dimethyl phthalate	ND		2.33	0.629	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Di-n-octyl phthalate	ND		2.33	0.848	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Fluoranthene	**1.54**	**J**	2.33	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Fluorene	ND		2.33	0.636	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Hexachlorobenzene	ND		2.33	0.707	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Hexachlorobutadiene	ND		2.33	0.982	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Hexachlorocyclopentadiene	ND		2.33	0.466	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Hexachloroethane	ND		2.33	1.07	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Indeno[1,2,3-cd]pyrene	ND		2.33	0.940	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Isophorone	ND		2.33	0.473	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Naphthalene	ND		2.33	0.629	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Nitrobenzene	ND		2.33	0.692	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
N-Nitrosodiphenylamine	ND		2.33	0.594	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
N-Nitrosodi-n-propylamine	ND		2.33	0.742	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Pentachlorophenol	ND		4.66	1.13	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Phenanthrene	**0.668**	**J**	2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Phenol	ND		2.33	0.629	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Pyrene	**0.948**	**J**	2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Butyl benzyl phthalate	ND		2.33	1.13	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
bis (2-chloroisopropyl) ether	ND		2.33	0.890	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Carbazole	ND		2.33	0.791	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid
Percent Solids: 68.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		2.33	0.728	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
4-Nitrophenol	ND		2.33	2.12	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Atrazine	ND		2.33	0.636	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Benzaldehyde	ND		2.33	0.947	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5
Caprolactam	ND		2.33	0.594	mg/Kg	☼	06/05/25 11:02	06/06/25 22:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 150*	*06/05/25 11:02*	*06/06/25 22:48*	*5*
2-Fluorobiphenyl (Surr)	*73*		*27 - 127*	*06/05/25 11:02*	*06/06/25 22:48*	*5*
2-Fluorophenol (Surr)	*51*		*25 - 128*	*06/05/25 11:02*	*06/06/25 22:48*	*5*
Terphenyl-d14 (Surr)	*69*		*24 - 146*	*06/05/25 11:02*	*06/06/25 22:48*	*5*
Phenol-d5 (Surr)	*50*		*29 - 130*	*06/05/25 11:02*	*06/06/25 22:48*	*5*
Nitrobenzene-d5 (Surr)	*60*		*15 - 136*	*06/05/25 11:02*	*06/06/25 22:48*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.92	0.965	mg/Kg	☼		06/05/25 04:19	1
Sulfate	**32.3**		29.2	10.7	mg/Kg	☼		06/05/25 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.264**	**B**	0.214	0.00248	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Arsenic	**4.04**		0.513	0.0457	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Chromium	**18.2**	**B**	0.855	0.176	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Copper	**55.7**	**B**	0.427	0.0444	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Cadmium	**0.944**		0.427	0.0139	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Cobalt	**6.36**		0.641	0.0242	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Barium	**122**	**B**	2.14	0.0121	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Beryllium	**0.507**		0.427	0.0300	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Manganese	**290**		0.855	0.0526	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Nickel	**18.9**		0.855	0.0224	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Lead	**114**		0.427	0.0504	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Antimony	**0.619**	**J**	0.855	0.195	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Selenium	**0.753**	**J**	2.14	0.152	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Thallium	**0.133**	**J**	0.598	0.0360	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Vanadium	**23.6**		0.855	0.107	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5
Zinc	**371**		2.14	1.77	mg/Kg	☼	06/05/25 11:05	06/09/25 15:45	5

Method: SW846 7473 - Mercury (AAS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.147	0.0615	mg/Kg	☼		06/04/25 11:19	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.45	0.465	mg/Kg	☼		06/04/25 13:48	1

Client Sample ID: SED-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-3
Matrix: Solid
Percent Solids: 77.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0163**	**J**	0.0230	0.0110	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Benzene	ND		0.00460	0.000617	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Bromobenzene	ND		0.00460	0.00120	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Chlorobromomethane	ND		0.00460	0.000746	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Dichlorobromomethane	ND		0.00460	0.000847	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Bromoform	ND		0.00460	0.00120	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Bromomethane	ND		0.00460	0.00230	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
2-Butanone (MEK)	ND		0.0230	0.00552	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
n-Butylbenzene	ND		0.00460	0.000884	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
sec-Butylbenzene	ND		0.00460	0.000875	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
tert-Butylbenzene	ND		0.00460	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Carbon disulfide	ND		0.00460	0.00233	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Carbon tetrachloride	ND		0.00460	0.00157	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Chlorobenzene	ND		0.00460	0.00122	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Chloroethane	ND		0.00460	0.00304	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Chloroform	ND		0.00460	0.00125	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Chloromethane	ND		0.00460	0.00203	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
2-Chlorotoluene	ND		0.00460	0.00153	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
4-Chlorotoluene	ND		0.00460	0.000902	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Chlorodibromomethane	ND		0.00460	0.00110	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2-Dibromo-3-Chloropropane	ND		0.00460	0.00304	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Ethylene Dibromide	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Dibromomethane	ND		0.00460	0.000764	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2-Dichlorobenzene	ND		0.00460	0.00146	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,3-Dichlorobenzene	ND		0.00460	0.000875	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,4-Dichlorobenzene	ND		0.00460	0.000792	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
trans-1,4-Dichloro-2-butene	ND		0.00460	0.00230	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1-Dichloroethane	ND		0.00460	0.000764	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2-Dichloroethane	ND		0.00460	0.00169	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
cis-1,2-Dichloroethene	ND		0.00460	0.000700	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
trans-1,2-Dichloroethene	ND		0.00460	0.000884	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1-Dichloroethene	ND		0.00460	0.00193	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2-Dichloropropane	ND		0.00460	0.000700	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,3-Dichloropropane	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
2,2-Dichloropropane	ND		0.00460	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1-Dichloropropene	ND		0.00460	0.000764	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
cis-1,3-Dichloropropene	ND		0.00460	0.00110	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
trans-1,3-Dichloropropene	ND		0.00460	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Ethylbenzene	ND		0.00460	0.000562	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Hexachlorobutadiene	ND		0.00460	0.00230	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
2-Hexanone	ND		0.0230	0.00460	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Iodomethane	ND		0.00460	0.00313	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Isopropylbenzene	ND		0.00460	0.000626	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
4-Isopropyltoluene	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Methylene Chloride	ND		0.0138	0.00921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.0230	0.0124	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Methyl tert-butyl ether	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Naphthalene	ND		0.00460	0.00276	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
N-Propylbenzene	ND		0.00460	0.000829	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1

Client Sample ID: SED-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-3
Matrix: Solid
Percent Solids: 77.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1,1,2-Tetrachloroethane	ND		0.00460	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1,2,2-Tetrachloroethane	ND		0.00460	0.00158	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Tetrachloroethene	ND		0.00460	0.00276	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Toluene	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2,3-Trichlorobenzene	ND		0.00460	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2,4-Trichlorobenzene	ND		0.00460	0.00185	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1,1-Trichloroethane	ND		0.00460	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1,2-Trichloroethane	ND		0.00460	0.00148	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Trichloroethene	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Trichlorofluoromethane	ND		0.00460	0.00223	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2,3-Trichloropropane	ND		0.00460	0.00192	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00460	0.00173	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,2,4-Trimethylbenzene	ND		0.00460	0.000921	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
1,3,5-Trimethylbenzene	ND		0.00460	0.000764	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Vinyl acetate	ND		0.0230	0.00587	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Vinyl chloride	ND		0.00460	0.00201	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
o-Xylene	ND		0.00460	0.00276	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
m-Xylene & p-Xylene	ND		0.00460	0.00276	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Xylenes, Total	ND		0.00921	0.00552	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Isopropyl ether	ND	*+	0.00460	0.00127	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Hexane	ND		0.00460	0.00239	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
n-Heptane	ND		0.00460	0.00266	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1
Ethyl acetate	ND		0.0184	0.00460	mg/Kg	☼	06/06/25 08:25	06/06/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:44*	*1*
Dibromofluoromethane	*108*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:44*	*1*
Toluene-d8 (Surr)	*96*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*50 - 150*	*06/06/25 08:25*	*06/06/25 15:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00772	0.00772	mg/Kg	☼	06/12/25 11:56	06/17/25 12:23	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*61*		*10 - 150*	*06/12/25 11:56*	*06/17/25 12:23*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.10	0.528	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2,4,5-Trichlorophenol	ND		2.10	0.643	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2,4,6-Trichlorophenol	ND		2.10	0.669	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2,4-Dichlorophenol	ND		2.10	0.446	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2,4-Dimethylphenol	ND		2.10	0.598	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2,4-Dinitrophenol	ND		6.30	1.85	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2,4-Dinitrotoluene	ND		2.10	0.643	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2-Chlorophenol	ND		2.10	0.770	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2-Chloronaphthalene	ND		2.10	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2-Methylnaphthalene	ND		2.10	0.694	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2-Methylphenol	ND		2.10	0.509	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5

Client Sample ID: SED-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-3
Matrix: Solid
Percent Solids: 77.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2.10	0.446	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
2-Nitrophenol	ND		2.10	0.751	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
3 & 4 Methylphenol	ND		4.20	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
3,3'-Dichlorobenzidine	ND		2.10	0.700	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
3-Nitroaniline	ND	*+	2.10	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4,6-Dinitro-2-methylphenol	ND		2.10	1.53	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4-Bromophenyl phenyl ether	ND		2.10	0.669	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4-Chloro-3-methylphenol	ND		2.10	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4-Chloroaniline	ND		2.10	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4-Chlorophenyl phenyl ether	ND		2.10	0.210	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4-Nitroaniline	ND		2.10	0.719	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Acenaphthene	ND		2.10	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Acenaphthylene	ND		2.10	0.560	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Acetophenone	ND		2.10	0.598	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Anthracene	ND		2.10	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Benzo[a]anthracene	ND		2.10	0.560	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Benzo[a]pyrene	ND		2.10	0.299	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Benzo[b]fluoranthene	ND		2.10	0.630	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Benzo[g,h,i]perylene	ND		2.10	0.700	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Benzo[k]fluoranthene	ND		2.10	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Bis(2-chloroethoxy)methane	ND		2.10	0.465	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Bis(2-chloroethyl)ether	ND		2.10	0.688	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Bis(2-ethylhexyl) phthalate	ND		2.10	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Chrysene	ND		2.10	0.675	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Dibenz(a,h)anthracene	ND		2.10	0.809	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Dibenzofuran	ND		2.10	0.528	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Di-n-butyl phthalate	ND		2.10	0.618	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Diethyl phthalate	ND		2.10	0.675	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Dimethyl phthalate	ND		2.10	0.567	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Di-n-octyl phthalate	ND		2.10	0.764	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Fluoranthene	**0.591**	**J**	2.10	0.465	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Fluorene	ND		2.10	0.573	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Hexachlorobenzene	ND		2.10	0.637	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Hexachlorobutadiene	ND		2.10	0.885	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Hexachlorocyclopentadiene	ND		2.10	0.420	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Hexachloroethane	ND		2.10	0.968	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Indeno[1,2,3-cd]pyrene	ND		2.10	0.847	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Isophorone	ND		2.10	0.427	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Naphthalene	ND		2.10	0.567	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Nitrobenzene	ND		2.10	0.624	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
N-Nitrosodiphenylamine	ND		2.10	0.535	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
N-Nitrosodi-n-propylamine	ND		2.10	0.669	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Pentachlorophenol	ND		4.20	1.02	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Phenanthrene	ND		2.10	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Phenol	ND		2.10	0.567	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Pyrene	ND		2.10	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Butyl benzyl phthalate	ND		2.10	1.02	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
bis (2-chloroisopropyl) ether	ND		2.10	0.802	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Carbazole	ND		2.10	0.713	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5

Client Sample ID: SED-4

Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-3

Matrix: Solid
Percent Solids: 77.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		2.10	0.656	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
4-Nitrophenol	ND		2.10	1.91	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Atrazine	ND		2.10	0.573	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Benzaldehyde	ND		2.10	0.853	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5
Caprolactam	ND		2.10	0.535	mg/Kg	☼	06/05/25 11:02	06/06/25 23:16	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 150*	*06/05/25 11:02*	*06/06/25 23:16*	*5*
2-Fluorobiphenyl (Surr)	*75*		*27 - 127*	*06/05/25 11:02*	*06/06/25 23:16*	*5*
2-Fluorophenol (Surr)	*53*		*25 - 128*	*06/05/25 11:02*	*06/06/25 23:16*	*5*
Terphenyl-d14 (Surr)	*73*		*24 - 146*	*06/05/25 11:02*	*06/06/25 23:16*	*5*
Phenol-d5 (Surr)	*51*		*29 - 130*	*06/05/25 11:02*	*06/06/25 23:16*	*5*
Nitrobenzene-d5 (Surr)	*62*		*15 - 136*	*06/05/25 11:02*	*06/06/25 23:16*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.57	0.847	mg/Kg	☼		06/05/25 04:28	1
Sulfate	ND		25.7	9.37	mg/Kg	☼		06/05/25 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.0166**	**J B**	0.171	0.00199	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Arsenic	**0.499**		0.411	0.0366	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Chromium	**4.70**	**B**	0.685	0.141	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Copper	**7.92**	**B**	0.342	0.0356	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Cadmium	**0.133**	**J**	0.342	0.0112	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Cobalt	**3.14**		0.514	0.0194	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Barium	**18.4**	**B**	1.71	0.00969	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Beryllium	**0.112**	**J**	0.342	0.0240	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Manganese	**80.2**		0.685	0.0421	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Nickel	**10.1**		0.685	0.0179	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Lead	**15.5**		0.342	0.0404	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Antimony	ND		0.685	0.157	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Selenium	**0.158**	**J**	1.71	0.122	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Thallium	ND		0.479	0.0289	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Vanadium	**10.4**		0.685	0.0860	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5
Zinc	**54.6**		1.71	1.42	mg/Kg	☼	06/05/25 11:05	06/09/25 15:48	5

Method: SW846 7473 - Mercury (AAS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.129	0.0539	mg/Kg	☼		06/04/25 11:27	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.18	0.378	mg/Kg	☼		06/04/25 13:51	1

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

Job ID: 752-32997-1

Client Sample ID: SED-3

Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-4

Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0749**		0.0245	0.0118	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Benzene	ND		0.00491	0.000658	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Bromobenzene	ND		0.00491	0.00128	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Chlorobromomethane	ND		0.00491	0.000795	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Dichlorobromomethane	ND		0.00491	0.000903	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Bromoform	ND		0.00491	0.00128	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Bromomethane	ND		0.00491	0.00245	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
2-Butanone (MEK)	**0.00740**	**J**	0.0245	0.00589	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
n-Butylbenzene	ND		0.00491	0.000943	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
sec-Butylbenzene	ND		0.00491	0.000933	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
tert-Butylbenzene	ND		0.00491	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Carbon disulfide	ND		0.00491	0.00248	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Carbon tetrachloride	ND		0.00491	0.00167	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Chlorobenzene	ND		0.00491	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Chloroethane	ND		0.00491	0.00324	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Chloroform	ND		0.00491	0.00134	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Chloromethane	ND		0.00491	0.00217	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
2-Chlorotoluene	ND		0.00491	0.00163	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
4-Chlorotoluene	ND		0.00491	0.000962	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Chlorodibromomethane	ND		0.00491	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2-Dibromo-3-Chloropropane	ND		0.00491	0.00324	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Ethylene Dibromide	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Dibromomethane	ND		0.00491	0.000815	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2-Dichlorobenzene	ND		0.00491	0.00156	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,3-Dichlorobenzene	ND		0.00491	0.000933	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,4-Dichlorobenzene	ND		0.00491	0.000844	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
trans-1,4-Dichloro-2-butene	ND		0.00491	0.00245	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1-Dichloroethane	ND		0.00491	0.000815	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2-Dichloroethane	ND		0.00491	0.00181	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
cis-1,2-Dichloroethene	ND		0.00491	0.000746	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
trans-1,2-Dichloroethene	ND		0.00491	0.000943	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1-Dichloroethene	ND		0.00491	0.00206	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2-Dichloropropane	ND		0.00491	0.000746	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,3-Dichloropropane	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
2,2-Dichloropropane	ND		0.00491	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1-Dichloropropene	ND		0.00491	0.000815	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
cis-1,3-Dichloropropene	ND		0.00491	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
trans-1,3-Dichloropropene	ND		0.00491	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Ethylbenzene	ND		0.00491	0.000599	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Hexachlorobutadiene	ND		0.00491	0.00245	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
2-Hexanone	ND		0.0245	0.00491	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Iodomethane	ND		0.00491	0.00334	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Isopropylbenzene	ND		0.00491	0.000668	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
4-Isopropyltoluene	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Methylene Chloride	ND		0.0147	0.00982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.0245	0.0132	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Methyl tert-butyl ether	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Naphthalene	ND		0.00491	0.00295	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
N-Propylbenzene	ND		0.00491	0.000884	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1

Client Sample ID: SED-3
Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-4
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1,1,2-Tetrachloroethane	ND		0.00491	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1,2,2-Tetrachloroethane	ND		0.00491	0.00169	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Tetrachloroethene	ND		0.00491	0.00295	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Toluene	**0.00118**	**J**	0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2,3-Trichlorobenzene	ND		0.00491	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2,4-Trichlorobenzene	ND		0.00491	0.00197	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1,1-Trichloroethane	ND		0.00491	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1,2-Trichloroethane	ND		0.00491	0.00158	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Trichloroethene	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Trichlorofluoromethane	ND		0.00491	0.00238	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2,3-Trichloropropane	ND		0.00491	0.00204	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00491	0.00185	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,2,4-Trimethylbenzene	ND		0.00491	0.000982	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
1,3,5-Trimethylbenzene	ND		0.00491	0.000815	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Vinyl acetate	ND		0.0245	0.00626	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Vinyl chloride	ND		0.00491	0.00214	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
o-Xylene	ND		0.00491	0.00295	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
m-Xylene & p-Xylene	ND		0.00491	0.00295	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Xylenes, Total	ND		0.00982	0.00589	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Isopropyl ether	ND	*+	0.00491	0.00135	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Hexane	ND		0.00491	0.00255	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
n-Heptane	ND		0.00491	0.00284	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1
Ethyl acetate	ND		0.0196	0.00491	mg/Kg	☼	06/06/25 08:25	06/06/25 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:04*	*1*
Dibromofluoromethane	*107*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:04*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:04*	*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	**0.00889**		0.00771	0.00771	mg/Kg	☼	06/12/25 11:56	06/17/25 12:44	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*66*		*10 - 150*	*06/12/25 11:56*	*06/17/25 12:44*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.00	0.502	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2,4,5-Trichlorophenol	ND		2.00	0.611	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2,4,6-Trichlorophenol	ND		2.00	0.635	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2,4-Dichlorophenol	ND		2.00	0.423	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2,4-Dimethylphenol	ND		2.00	0.569	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2,4-Dinitrophenol	ND		5.99	1.75	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2,4-Dinitrotoluene	ND		2.00	0.611	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2-Chlorophenol	ND		2.00	0.732	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2-Chloronaphthalene	ND		2.00	0.466	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2-Methylnaphthalene	ND		2.00	0.659	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2-Methylphenol	ND		2.00	0.484	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5

Client Sample ID: SED-3
Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-4
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2.00	0.423	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
2-Nitrophenol	ND		2.00	0.714	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
3 & 4 Methylphenol	ND		3.99	0.466	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
3,3'-Dichlorobenzidine	ND		2.00	0.665	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
3-Nitroaniline	ND	*+	2.00	0.472	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4,6-Dinitro-2-methylphenol	ND		2.00	1.45	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4-Bromophenyl phenyl ether	ND		2.00	0.635	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4-Chloro-3-methylphenol	ND		2.00	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4-Chloroaniline	ND		2.00	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4-Chlorophenyl phenyl ether	ND		2.00	0.200	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4-Nitroaniline	ND		2.00	0.683	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Acenaphthene	ND		2.00	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Acenaphthylene	ND		2.00	0.532	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Acetophenone	ND		2.00	0.569	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Anthracene	ND		2.00	0.472	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Benzo[a]anthracene	ND		2.00	0.532	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Benzo[a]pyrene	ND		2.00	0.284	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Benzo[b]fluoranthene	ND		2.00	0.599	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Benzo[g,h,i]perylene	ND		2.00	0.665	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Benzo[k]fluoranthene	ND		2.00	0.472	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Bis(2-chloroethoxy)methane	ND		2.00	0.442	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Bis(2-chloroethyl)ether	ND		2.00	0.653	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Bis(2-ethylhexyl) phthalate	ND		2.00	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Chrysene	ND		2.00	0.641	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Dibenz(a,h)anthracene	ND		2.00	0.768	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Dibenzofuran	ND		2.00	0.502	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Di-n-butyl phthalate	ND		2.00	0.587	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Diethyl phthalate	ND		2.00	0.641	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Dimethyl phthalate	ND		2.00	0.538	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Di-n-octyl phthalate	ND		2.00	0.726	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Fluoranthene	**0.512**	**J**	2.00	0.442	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Fluorene	ND		2.00	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Hexachlorobenzene	ND		2.00	0.605	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Hexachlorobutadiene	ND		2.00	0.841	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Hexachlorocyclopentadiene	ND		2.00	0.399	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Hexachloroethane	ND		2.00	0.919	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Indeno[1,2,3-cd]pyrene	ND		2.00	0.804	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Isophorone	ND		2.00	0.405	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Naphthalene	ND		2.00	0.538	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Nitrobenzene	ND		2.00	0.593	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
N-Nitrosodiphenylamine	ND		2.00	0.508	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
N-Nitrosodi-n-propylamine	ND		2.00	0.635	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Pentachlorophenol	ND		3.99	0.968	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Phenanthrene	ND		2.00	0.490	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Phenol	ND		2.00	0.538	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Pyrene	ND		2.00	0.472	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Butyl benzyl phthalate	ND		2.00	0.968	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
bis (2-chloroisopropyl) ether	ND		2.00	0.762	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Carbazole	ND		2.00	0.677	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5

Client Sample ID: SED-3
Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-4
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		2.00	0.623	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
4-Nitrophenol	ND		2.00	1.81	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Atrazine	ND		2.00	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Benzaldehyde	ND		2.00	0.810	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5
Caprolactam	ND		2.00	0.508	mg/Kg	☼	06/05/25 11:02	06/06/25 23:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*06/05/25 11:02*	*06/06/25 23:44*	*5*
2-Fluorobiphenyl (Surr)	*67*		*27 - 127*	*06/05/25 11:02*	*06/06/25 23:44*	*5*
2-Fluorophenol (Surr)	*45*		*25 - 128*	*06/05/25 11:02*	*06/06/25 23:44*	*5*
Terphenyl-d14 (Surr)	*68*		*24 - 146*	*06/05/25 11:02*	*06/06/25 23:44*	*5*
Phenol-d5 (Surr)	*45*		*29 - 130*	*06/05/25 11:02*	*06/06/25 23:44*	*5*
Nitrobenzene-d5 (Surr)	*52*		*15 - 136*	*06/05/25 11:02*	*06/06/25 23:44*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.61	0.861	mg/Kg	☼		06/05/25 04:36	1
Sulfate	**16.6**	**J**	26.1	9.52	mg/Kg	☼		06/05/25 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.0137**	**J B**	0.167	0.00194	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Arsenic	**0.377**	**J**	0.401	0.0357	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Chromium	**4.09**	**B**	0.668	0.138	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Copper	**6.94**	**B**	0.334	0.0347	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Cadmium	**0.0985**	**J**	0.334	0.0109	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Cobalt	**3.10**		0.501	0.0189	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Barium	**12.4**	**B**	1.67	0.00945	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Beryllium	**0.0788**	**J**	0.334	0.0234	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Manganese	**78.2**		0.668	0.0411	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Nickel	**11.4**		0.668	0.0175	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Lead	**9.84**		0.334	0.0394	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Antimony	ND		0.668	0.153	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Selenium	**0.166**	**J**	1.67	0.119	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Thallium	ND		0.468	0.0282	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Vanadium	**13.1**		0.668	0.0838	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5
Zinc	**38.5**		1.67	1.39	mg/Kg	☼	06/05/25 11:05	06/09/25 16:12	5

Method: SW846 7473 - Mercury (AAS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.131	0.0546	mg/Kg	☼		06/04/25 11:36	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.24	0.397	mg/Kg	☼		06/04/25 13:54	1

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

Job ID: 752-32997-1

Client Sample ID: Trip Blank

Date Collected: 05/29/25 00:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-6

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			06/05/25 18:04	1
Benzene	ND		1.00	0.500	ug/L			06/05/25 18:04	1
Bromobenzene	ND		1.00	0.540	ug/L			06/05/25 18:04	1
Bromoform	ND		5.00	0.250	ug/L			06/05/25 18:04	1
Bromomethane	ND		1.00	0.980	ug/L			06/05/25 18:04	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/05/25 18:04	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/05/25 18:04	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/05/25 18:04	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/05/25 18:04	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/05/25 18:04	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/05/25 18:04	1
Chloroethane	ND		1.00	0.760	ug/L			06/05/25 18:04	1
Chloroform	ND		1.00	0.900	ug/L			06/05/25 18:04	1
Chloromethane	ND		1.00	0.400	ug/L			06/05/25 18:04	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/05/25 18:04	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/05/25 18:04	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/05/25 18:04	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/05/25 18:04	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/05/25 18:04	1
Dibromomethane	ND		5.00	0.220	ug/L			06/05/25 18:04	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/05/25 18:04	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/05/25 18:04	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/05/25 18:04	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/05/25 18:04	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/05/25 18:04	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/05/25 18:04	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/05/25 18:04	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/05/25 18:04	1
Hexane	ND		1.00	0.960	ug/L			06/05/25 18:04	1
2-Hexanone	ND		25.0	4.26	ug/L			06/05/25 18:04	1
Iodomethane	ND		1.00	0.900	ug/L			06/05/25 18:04	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/05/25 18:04	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/05/25 18:04	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/05/25 18:04	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/05/25 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/05/25 18:04	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/05/25 18:04	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/05/25 18:04	1
Naphthalene	ND		5.00	3.00	ug/L			06/05/25 18:04	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/05/25 18:04	1
n-Heptane	ND		1.00	0.210	ug/L			06/05/25 18:04	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/05/25 18:04	1

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

Job ID: 752-32997-1

Client Sample ID: Trip Blank

Date Collected: 05/29/25 00:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-6

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			06/05/25 18:04	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/05/25 18:04	1
Styrene	ND		1.00	1.00	ug/L			06/05/25 18:04	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/05/25 18:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/05/25 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/05/25 18:04	1
Toluene	ND		1.00	0.900	ug/L			06/05/25 18:04	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/05/25 18:04	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 18:04	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/05/25 18:04	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/05/25 18:04	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/05/25 18:04	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/05/25 18:04	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/05/25 18:04	1
Trichloroethene	ND		1.00	0.150	ug/L			06/05/25 18:04	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/05/25 18:04	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/05/25 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/05/25 18:04	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/05/25 18:04	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/05/25 18:04	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/05/25 18:04	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/05/25 18:04	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/05/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*56 - 136*		*06/05/25 18:04*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*06/05/25 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*06/05/25 18:04*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*06/05/25 18:04*	*1*

Surrogate Summary

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

Job ID: 752-32997-1

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)
752-32997-1	SED-8	116	106	104	125
752-32997-2	SED-7	108	105	100	129
752-32997-3	SED-4	105	108	96	128
752-32997-4	SED-3	110	107	101	126
LCS 400-711829/2-A	Lab Control Sample	105	103	100	111
LCSD 400-711829/3-A	Lab Control Sample Dup	106	102	99	113
MB 400-711829/1-A	Method Blank	105	105	98	119

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)
752-32997-6	Trip Blank	93	101	102	92
LCS 400-711613/1002	Lab Control Sample	99	104	105	96
MB 400-711613/5	Method Blank	92	102	100	94

Surrogate Legend

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

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	TPHL	PHL	NBZ
Lab Sample ID	Client Sample ID	(10-150)	(27-127)	(25-128)	(24-146)	(29-130)	(15-136)
752-32997-1	SED-8	84	71	53	73	50	61
752-32997-2	SED-7	92	73	51	69	50	60
752-32997-3	SED-4	91	75	53	73	51	62
752-32997-4	SED-3	83	67	45	68	45	52
LCS 400-711662/2-A	Lab Control Sample	98	63	49	72	52	64
MB 400-711662/1-A	Method Blank	103	88	54	84	61	74

Surrogate Legend

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

Isotope Dilution Summary

Client: S&ME Inc
Job ID: 752-32997-1
Project/Site: Walltown Park

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
752-32997-1	SED-8	61						
752-32997-1 MS	SED-8	50						
752-32997-1 MSD	SED-8	58						
752-32997-2	SED-7	40						
752-32997-3	SED-4	61						
752-32997-4	SED-3	66						
LCS 400-712542/2-A	Lab Control Sample	50						
MB 400-712542/1-A	Method Blank	55						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-711613/5
Matrix: Water
Analysis Batch: 711613

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			06/05/25 08:14	1
Benzene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Bromobenzene	ND		1.00	0.540	ug/L			06/05/25 08:14	1
Bromoform	ND		5.00	0.250	ug/L			06/05/25 08:14	1
Bromomethane	ND		1.00	0.980	ug/L			06/05/25 08:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/05/25 08:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/05/25 08:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/05/25 08:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/05/25 08:14	1
Chloroethane	ND		1.00	0.760	ug/L			06/05/25 08:14	1
Chloroform	ND		1.00	0.900	ug/L			06/05/25 08:14	1
Chloromethane	ND		1.00	0.400	ug/L			06/05/25 08:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/05/25 08:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/05/25 08:14	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/05/25 08:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/05/25 08:14	1
Dibromomethane	ND		5.00	0.220	ug/L			06/05/25 08:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/05/25 08:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/05/25 08:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/05/25 08:14	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/05/25 08:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/05/25 08:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/05/25 08:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/05/25 08:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/05/25 08:14	1
2-Hexanone	ND		25.0	4.26	ug/L			06/05/25 08:14	1
Iodomethane	ND		1.00	0.900	ug/L			06/05/25 08:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/05/25 08:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/05/25 08:14	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/05/25 08:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/05/25 08:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/05/25 08:14	1
Naphthalene	ND		5.00	3.00	ug/L			06/05/25 08:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/05/25 08:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/05/25 08:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/05/25 08:14	1
Styrene	ND		1.00	1.00	ug/L			06/05/25 08:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/05/25 08:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/05/25 08:14	1

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

Lab Sample ID: MB 400-711613/5
Matrix: Water
Analysis Batch: 711613

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			06/05/25 08:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/05/25 08:14	1
Toluene	ND		1.00	0.900	ug/L			06/05/25 08:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/05/25 08:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/05/25 08:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/05/25 08:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/05/25 08:14	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/05/25 08:14	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/05/25 08:14	1
o-Xylene	ND		5.00	3.00	ug/L			06/05/25 08:14	1
Trichloroethene	ND		1.00	0.150	ug/L			06/05/25 08:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/05/25 08:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/05/25 08:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/05/25 08:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/05/25 08:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/05/25 08:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/05/25 08:14	1
Hexane	ND		1.00	0.960	ug/L			06/05/25 08:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/05/25 08:14	1
n-Heptane	ND		1.00	0.210	ug/L			06/05/25 08:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/05/25 08:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/05/25 08:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/05/25 08:14*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*06/05/25 08:14*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*06/05/25 08:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 146*		*06/05/25 08:14*	*1*

Lab Sample ID: LCS 400-711613/1002
Matrix: Water
Analysis Batch: 711613

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	232.4		ug/L		116	43 - 150
Benzene	50.0	52.83		ug/L		106	70 - 130
Bromobenzene	50.0	46.63		ug/L		93	70 - 132
Bromoform	50.0	43.53		ug/L		87	57 - 140
Bromomethane	50.0	45.16		ug/L		90	10 - 150
2-Butanone (MEK)	200	232.2		ug/L		116	61 - 145
Chlorobromomethane	50.0	54.43		ug/L		109	70 - 130
Carbon disulfide	50.0	48.39		ug/L		97	61 - 137
Carbon tetrachloride	50.0	54.91		ug/L		110	61 - 137
Chlorobenzene	50.0	48.92		ug/L		98	70 - 130
Chloroethane	50.0	51.88		ug/L		104	55 - 141

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

Lab Sample ID: LCS 400-711613/1002
Matrix: Water
Analysis Batch: 711613

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	53.78		ug/L		108	69 - 130
Chloromethane	50.0	49.79		ug/L		100	58 - 137
2-Chlorotoluene	50.0	45.62		ug/L		91	70 - 130
4-Chlorotoluene	50.0	46.30		ug/L		93	70 - 130
Chlorodibromomethane	50.0	49.14		ug/L		98	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	41.27		ug/L		83	54 - 135
Dibromomethane	50.0	54.10		ug/L		108	70 - 130
1,2-Dichlorobenzene	50.0	46.74		ug/L		93	67 - 130
1,3-Dichlorobenzene	50.0	46.13		ug/L		92	70 - 130
Dichlorobromomethane	50.0	54.49		ug/L		109	67 - 133
1,4-Dichlorobenzene	50.0	46.48		ug/L		93	70 - 130
1,1-Dichloroethane	50.0	54.37		ug/L		109	70 - 130
1,2-Dichloroethane	50.0	54.78		ug/L		110	69 - 130
cis-1,2-Dichloroethene	50.0	54.83		ug/L		110	68 - 130
1,1-Dichloroethene	50.0	52.57		ug/L		105	63 - 134
1,2-Dichloropropane	50.0	52.69		ug/L		105	70 - 130
1,3-Dichloropropane	50.0	47.62		ug/L		95	70 - 130
2,2-Dichloropropane	50.0	51.17		ug/L		102	52 - 135
1,1-Dichloropropene	50.0	51.50		ug/L		103	70 - 130
Ethylene Dibromide	50.0	46.81		ug/L		94	70 - 130
cis-1,3-Dichloropropene	50.0	53.58		ug/L		107	69 - 132
Ethylbenzene	50.0	46.76		ug/L		94	70 - 130
Hexachlorobutadiene	50.0	41.08		ug/L		82	53 - 140
2-Hexanone	200	193.3		ug/L		97	65 - 137
Iodomethane	50.0	45.46		ug/L		91	27 - 150
Isopropylbenzene	50.0	45.42		ug/L		91	70 - 130
4-Isopropyltoluene	50.0	42.89		ug/L		86	65 - 130
Methylene Chloride	50.0	51.21		ug/L		102	66 - 135
4-Methyl-2-pentanone (MIBK)	200	210.6		ug/L		105	69 - 138
Methyl tert-butyl ether	50.0	52.32		ug/L		105	66 - 130
Naphthalene	50.0	45.07		ug/L		90	47 - 149
n-Butylbenzene	50.0	42.93		ug/L		86	67 - 130
N-Propylbenzene	50.0	45.38		ug/L		91	70 - 130
sec-Butylbenzene	50.0	44.44		ug/L		89	66 - 130
Styrene	50.0	45.66		ug/L		91	70 - 130
tert-Butylbenzene	50.0	43.07		ug/L		86	64 - 139
1,1,1,2-Tetrachloroethane	50.0	51.01		ug/L		102	67 - 131
1,1,2,2-Tetrachloroethane	50.0	45.46		ug/L		91	70 - 131
Tetrachloroethene	50.0	46.65		ug/L		93	65 - 130
Toluene	50.0	46.86		ug/L		94	70 - 130
trans-1,4-Dichloro-2-butene	50.0	40.55		ug/L		81	57 - 140
trans-1,2-Dichloroethene	50.0	52.63		ug/L		105	70 - 130
trans-1,3-Dichloropropene	50.0	48.29		ug/L		97	63 - 130
1,2,3-Trichlorobenzene	50.0	46.66		ug/L		93	60 - 138
1,2,4-Trichlorobenzene	50.0	46.91		ug/L		94	60 - 140
1,1,1-Trichloroethane	50.0	54.11		ug/L		108	68 - 130
1,1,2-Trichloroethane	50.0	50.12		ug/L		100	70 - 130
o-Xylene	50.0	47.18		ug/L		94	70 - 130
Trichloroethene	50.0	52.87		ug/L		106	70 - 130

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

Lab Sample ID: LCS 400-711613/1002
Matrix: Water
Analysis Batch: 711613

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	45.99		ug/L		92	70 - 130
Trichlorofluoromethane	50.0	52.38		ug/L		105	65 - 138
1,2,3-Trichloropropane	50.0	45.39		ug/L		91	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.52		ug/L		107	60 - 139
1,2,4-Trimethylbenzene	50.0	42.99		ug/L		86	70 - 130
1,3,5-Trimethylbenzene	50.0	44.55		ug/L		89	69 - 130
Isopropyl ether	50.0	58.06		ug/L		116	64 - 132
Hexane	50.0	52.82		ug/L		106	69 - 130
Vinyl acetate	100	105.7		ug/L		106	26 - 150
n-Heptane	50.0	48.61		ug/L		97	70 - 130
Vinyl chloride	50.0	57.13		ug/L		114	59 - 136
Ethyl acetate	100	86.88		ug/L		87	34 - 150
Xylenes, Total	100	93.17		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
Toluene-d8 (Surr)	*96*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*

Lab Sample ID: MB 400-711829/1-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Benzene	ND		0.00500	0.000670	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Bromoform	ND		0.00500	0.00130	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chloroform	ND		0.00500	0.00136	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1

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

Lab Sample ID: MB 400-711829/1-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Styrene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Toluene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Hexane	ND		0.00500	0.00260	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		06/06/25 08:25	06/06/25 09:42	1

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

Lab Sample ID: MB 400-711829/1-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		06/06/25 08:25	06/06/25 09:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*
Dibromofluoromethane	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*
Toluene-d8 (Surr)	*98*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*

Lab Sample ID: LCS 400-711829/2-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2496		mg/Kg		125	48 - 150
Benzene	0.0500	0.04345		mg/Kg		87	65 - 130
Bromobenzene	0.0500	0.04419		mg/Kg		88	65 - 130
Bromoform	0.0500	0.04610		mg/Kg		92	52 - 136
Bromomethane	0.0500	0.03337		mg/Kg		67	12 - 150
2-Butanone (MEK)	0.200	0.2026		mg/Kg		101	55 - 130
Chlorobromomethane	0.0500	0.04284		mg/Kg		86	65 - 130
Carbon disulfide	0.0500	0.03553		mg/Kg		71	46 - 141
Carbon tetrachloride	0.0500	0.04315		mg/Kg		86	60 - 130
Chlorobenzene	0.0500	0.04398		mg/Kg		88	70 - 130
Chloroethane	0.0500	0.05182		mg/Kg		104	55 - 134
Chloroform	0.0500	0.04592		mg/Kg		92	62 - 130
Chloromethane	0.0500	0.04877		mg/Kg		98	49 - 136
2-Chlorotoluene	0.0500	0.04703		mg/Kg		94	67 - 130
4-Chlorotoluene	0.0500	0.04530		mg/Kg		91	66 - 130
Chlorodibromomethane	0.0500	0.04715		mg/Kg		94	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04196		mg/Kg		84	49 - 130
Dibromomethane	0.0500	0.04782		mg/Kg		96	65 - 130
1,2-Dichlorobenzene	0.0500	0.04461		mg/Kg		89	64 - 130
1,3-Dichlorobenzene	0.0500	0.04375		mg/Kg		88	66 - 130
Dichlorobromomethane	0.0500	0.04685		mg/Kg		94	61 - 130
1,4-Dichlorobenzene	0.0500	0.04371		mg/Kg		87	65 - 130
1,1-Dichloroethane	0.0500	0.04720		mg/Kg		94	59 - 130
1,2-Dichloroethane	0.0500	0.04936		mg/Kg		99	62 - 130
cis-1,2-Dichloroethene	0.0500	0.04985		mg/Kg		100	53 - 135
1,1-Dichloroethene	0.0500	0.04006		mg/Kg		80	55 - 137
1,2-Dichloropropane	0.0500	0.04996		mg/Kg		100	64 - 130
1,3-Dichloropropane	0.0500	0.04858		mg/Kg		97	67 - 130
2,2-Dichloropropane	0.0500	0.04384		mg/Kg		88	51 - 132
1,1-Dichloropropene	0.0500	0.04251		mg/Kg		85	65 - 130
Ethylene Dibromide	0.0500	0.04749		mg/Kg		95	67 - 130
cis-1,3-Dichloropropene	0.0500	0.04795		mg/Kg		96	61 - 130
Ethylbenzene	0.0500	0.04327		mg/Kg		87	70 - 130
Hexachlorobutadiene	0.0500	0.04143		mg/Kg		83	62 - 133
2-Hexanone	0.200	0.2356		mg/Kg		118	57 - 131

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

Lab Sample ID: LCS 400-711829/2-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	0.0500	0.04107		mg/Kg		82	12 - 150
Isopropylbenzene	0.0500	0.04310		mg/Kg		86	70 - 130
4-Isopropyltoluene	0.0500	0.04410		mg/Kg		88	68 - 130
Methylene Chloride	0.0500	0.04270		mg/Kg		85	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.2294		mg/Kg		115	58 - 130
Methyl tert-butyl ether	0.0500	0.04705		mg/Kg		94	63 - 130
Naphthalene	0.0500	0.04581		mg/Kg		92	45 - 144
n-Butylbenzene	0.0500	0.04895		mg/Kg		98	66 - 130
N-Propylbenzene	0.0500	0.04462		mg/Kg		89	67 - 130
sec-Butylbenzene	0.0500	0.04424		mg/Kg		88	67 - 130
Styrene	0.0500	0.04435		mg/Kg		89	68 - 130
tert-Butylbenzene	0.0500	0.04495		mg/Kg		90	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04613		mg/Kg		92	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04603		mg/Kg		92	60 - 131
Tetrachloroethene	0.0500	0.04028		mg/Kg		81	67 - 130
Toluene	0.0500	0.04236		mg/Kg		85	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04978		mg/Kg		100	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04159		mg/Kg		83	58 - 134
trans-1,3-Dichloropropene	0.0500	0.04932		mg/Kg		99	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.04508		mg/Kg		90	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.04370		mg/Kg		87	56 - 138
1,1,1-Trichloroethane	0.0500	0.04315		mg/Kg		86	63 - 130
1,1,2-Trichloroethane	0.0500	0.05021		mg/Kg		100	65 - 130
o-Xylene	0.0500	0.04398		mg/Kg		88	70 - 130
Trichloroethene	0.0500	0.04225		mg/Kg		84	65 - 130
m-Xylene & p-Xylene	0.0500	0.04401		mg/Kg		88	70 - 130
Trichlorofluoromethane	0.0500	0.04707		mg/Kg		94	61 - 136
1,2,3-Trichloropropane	0.0500	0.04455		mg/Kg		89	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.03878		mg/Kg		78	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04517		mg/Kg		90	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04418		mg/Kg		88	67 - 130
Isopropyl ether	0.0500	0.07193	*+	mg/Kg		144	62 - 130
Hexane	0.0500	0.04001		mg/Kg		80	57 - 132
Vinyl acetate	0.100	0.1143		mg/Kg		114	24 - 150
n-Heptane	0.0500	0.04560		mg/Kg		91	61 - 130
Vinyl chloride	0.0500	0.05382		mg/Kg		108	52 - 132
Ethyl acetate	0.100	0.09318		mg/Kg		93	21 - 150
Xylenes, Total	0.100	0.08799		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*50 - 150*
Dibromofluoromethane	*103*		*50 - 150*
Toluene-d8 (Surr)	*100*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*

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

Lab Sample ID: LCSD 400-711829/3-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.200	0.2576		mg/Kg		129	48 - 150	3	30
Benzene			0.0500	0.04384		mg/Kg		88	65 - 130	1	30
Bromobenzene			0.0500	0.04366		mg/Kg		87	65 - 130	1	30
Bromoform			0.0500	0.04506		mg/Kg		90	52 - 136	2	30
Bromomethane			0.0500	0.02946		mg/Kg		59	12 - 150	12	30
2-Butanone (MEK)			0.200	0.2119		mg/Kg		106	55 - 130	4	30
Chlorobromomethane			0.0500	0.04377		mg/Kg		88	65 - 130	2	30
Carbon disulfide			0.0500	0.03471		mg/Kg		69	46 - 141	2	30
Carbon tetrachloride			0.0500	0.04101		mg/Kg		82	60 - 130	5	30
Chlorobenzene			0.0500	0.04384		mg/Kg		88	70 - 130	0	30
Chloroethane			0.0500	0.04394		mg/Kg		88	55 - 134	16	30
Chloroform			0.0500	0.04478		mg/Kg		90	62 - 130	2	30
Chloromethane			0.0500	0.04304		mg/Kg		86	49 - 136	12	30
2-Chlorotoluene			0.0500	0.04567		mg/Kg		91	67 - 130	3	30
4-Chlorotoluene			0.0500	0.04502		mg/Kg		90	66 - 130	1	30
Chlorodibromomethane			0.0500	0.04683		mg/Kg		94	58 - 132	1	30
1,2-Dibromo-3-Chloropropane			0.0500	0.04496		mg/Kg		90	49 - 130	7	30
Dibromomethane			0.0500	0.04748		mg/Kg		95	65 - 130	1	30
1,2-Dichlorobenzene			0.0500	0.04505		mg/Kg		90	64 - 130	1	30
1,3-Dichlorobenzene			0.0500	0.04360		mg/Kg		87	66 - 130	0	30
Dichlorobromomethane			0.0500	0.04666		mg/Kg		93	61 - 130	0	30
1,4-Dichlorobenzene			0.0500	0.04413		mg/Kg		88	65 - 130	1	30
1,1-Dichloroethane			0.0500	0.04597		mg/Kg		92	59 - 130	3	30
1,2-Dichloroethane			0.0500	0.04908		mg/Kg		98	62 - 130	1	30
cis-1,2-Dichloroethene			0.0500	0.05628		mg/Kg		113	53 - 135	12	30
1,1-Dichloroethene			0.0500	0.03723		mg/Kg		74	55 - 137	7	30
1,2-Dichloropropane			0.0500	0.05005		mg/Kg		100	64 - 130	0	30
1,3-Dichloropropane			0.0500	0.04990		mg/Kg		100	67 - 130	3	30
2,2-Dichloropropane			0.0500	0.04071		mg/Kg		81	51 - 132	7	30
1,1-Dichloropropene			0.0500	0.04131		mg/Kg		83	65 - 130	3	30
Ethylene Dibromide			0.0500	0.04933		mg/Kg		99	67 - 130	4	30
cis-1,3-Dichloropropene			0.0500	0.04860		mg/Kg		97	61 - 130	1	30
Ethylbenzene			0.0500	0.04372		mg/Kg		87	70 - 130	1	30
Hexachlorobutadiene			0.0500	0.04136		mg/Kg		83	62 - 133	0	30
2-Hexanone			0.200	0.2457		mg/Kg		123	57 - 131	4	30
Iodomethane			0.0500	0.04034		mg/Kg		81	12 - 150	2	30
Isopropylbenzene			0.0500	0.04275		mg/Kg		86	70 - 130	1	30
4-Isopropyltoluene			0.0500	0.04336		mg/Kg		87	68 - 130	2	30
Methylene Chloride			0.0500	0.04138		mg/Kg		83	57 - 132	3	30
4-Methyl-2-pentanone (MIBK)			0.200	0.2448		mg/Kg		122	58 - 130	7	30
Methyl tert-butyl ether			0.0500	0.04734		mg/Kg		95	63 - 130	1	30
Naphthalene			0.0500	0.04861		mg/Kg		97	45 - 144	6	30
n-Butylbenzene			0.0500	0.04689		mg/Kg		94	66 - 130	4	30
N-Propylbenzene			0.0500	0.04289		mg/Kg		86	67 - 130	4	30
sec-Butylbenzene			0.0500	0.04330		mg/Kg		87	67 - 130	2	30
Styrene			0.0500	0.04586		mg/Kg		92	68 - 130	3	30
tert-Butylbenzene			0.0500	0.04382		mg/Kg		88	67 - 130	3	30
1,1,1,2-Tetrachloroethane			0.0500	0.04570		mg/Kg		91	65 - 130	1	30

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

Lab Sample ID: LCSD 400-711829/3-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			0.0500	0.04801		mg/Kg		96	60 - 131	4	30
Tetrachloroethene			0.0500	0.03845		mg/Kg		77	67 - 130	5	30
Toluene			0.0500	0.04233		mg/Kg		85	70 - 130	0	30
trans-1,4-Dichloro-2-butene			0.0500	0.04992		mg/Kg		100	45 - 137	0	30
trans-1,2-Dichloroethene			0.0500	0.04022		mg/Kg		80	58 - 134	3	30
trans-1,3-Dichloropropene			0.0500	0.04872		mg/Kg		97	60 - 130	1	30
1,2,3-Trichlorobenzene			0.0500	0.04651		mg/Kg		93	58 - 135	3	30
1,2,4-Trichlorobenzene			0.0500	0.04538		mg/Kg		91	56 - 138	4	30
1,1,1-Trichloroethane			0.0500	0.04165		mg/Kg		83	63 - 130	4	30
1,1,2-Trichloroethane			0.0500	0.05116		mg/Kg		102	65 - 130	2	30
o-Xylene			0.0500	0.04463		mg/Kg		89	70 - 130	1	30
Trichloroethene			0.0500	0.04208		mg/Kg		84	65 - 130	0	30
m-Xylene & p-Xylene			0.0500	0.04413		mg/Kg		88	70 - 130	0	30
Trichlorofluoromethane			0.0500	0.04137		mg/Kg		83	61 - 136	13	30
1,2,3-Trichloropropane			0.0500	0.04535		mg/Kg		91	60 - 130	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.03601		mg/Kg		72	47 - 143	7	30
1,2,4-Trimethylbenzene			0.0500	0.04427		mg/Kg		89	66 - 130	2	30
1,3,5-Trimethylbenzene			0.0500	0.04366		mg/Kg		87	67 - 130	1	30
Isopropyl ether			0.0500	0.06318		mg/Kg		126	62 - 130	13	30
Hexane			0.0500	0.03943		mg/Kg		79	57 - 132	1	30
Vinyl acetate			0.100	0.1046		mg/Kg		105	24 - 150	9	30
n-Heptane			0.0500	0.04373		mg/Kg		87	61 - 130	4	30
Vinyl chloride			0.0500	0.04627		mg/Kg		93	52 - 132	15	30
Ethyl acetate			0.100	0.09920		mg/Kg		99	21 - 150	6	30
Xylenes, Total			0.100	0.08875		mg/Kg		89	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*50 - 150*
Dibromofluoromethane	*102*		*50 - 150*
Toluene-d8 (Surr)	*99*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*113*		*50 - 150*

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

Lab Sample ID: MB 400-711662/1-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.0830	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4,5-Trichlorophenol	ND		0.330	0.101	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4,6-Trichlorophenol	ND		0.330	0.105	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dichlorophenol	ND		0.330	0.0700	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dimethylphenol	ND		0.330	0.0940	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dinitrophenol	ND		0.990	0.290	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dinitrotoluene	ND		0.330	0.101	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Chlorophenol	ND		0.330	0.121	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Chloronaphthalene	ND		0.330	0.0770	mg/Kg		06/05/25 11:01	06/06/25 15:45	1

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

Lab Sample ID: MB 400-711662/1-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.330	0.109	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Methylphenol	ND		0.330	0.0800	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Nitroaniline	ND		0.330	0.0700	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Nitrophenol	ND		0.330	0.118	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
3 & 4 Methylphenol	ND		0.660	0.0770	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
3,3'-Dichlorobenzidine	ND		0.330	0.110	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
3-Nitroaniline	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.240	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Bromophenyl phenyl ether	ND		0.330	0.105	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Chloro-3-methylphenol	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Chloroaniline	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Nitroaniline	ND		0.330	0.113	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Acenaphthene	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Acenaphthylene	ND		0.330	0.0880	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Acetophenone	ND		0.330	0.0940	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Anthracene	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[a]anthracene	ND		0.330	0.0880	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[a]pyrene	ND		0.330	0.0470	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[b]fluoranthene	ND		0.330	0.0990	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[g,h,i]perylene	ND		0.330	0.110	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[k]fluoranthene	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0730	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Bis(2-chloroethyl)ether	ND		0.330	0.108	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Chrysene	ND		0.330	0.106	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Dibenz(a,h)anthracene	ND		0.330	0.127	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Dibenzofuran	ND		0.330	0.0830	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Di-n-butyl phthalate	ND		0.330	0.0970	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Diethyl phthalate	ND		0.330	0.106	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Dimethyl phthalate	ND		0.330	0.0890	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Di-n-octyl phthalate	ND		0.330	0.120	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Fluoranthene	ND		0.330	0.0730	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Fluorene	ND		0.330	0.0900	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachlorobenzene	ND		0.330	0.100	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachlorobutadiene	ND		0.330	0.139	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachlorocyclopentadiene	ND		0.330	0.0660	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachloroethane	ND		0.330	0.152	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.133	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Isophorone	ND		0.330	0.0670	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Naphthalene	ND		0.330	0.0890	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Nitrobenzene	ND		0.330	0.0980	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
N-Nitrosodiphenylamine	ND		0.330	0.0840	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
N-Nitrosodi-n-propylamine	ND		0.330	0.105	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Pentachlorophenol	ND		0.660	0.160	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Phenanthrene	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Phenol	ND		0.330	0.0890	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Pyrene	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Butyl benzyl phthalate	ND		0.330	0.160	mg/Kg		06/05/25 11:01	06/06/25 15:45	1

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

Lab Sample ID: MB 400-711662/1-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		0.330	0.126	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Carbazole	ND		0.330	0.112	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,6-Dinitrotoluene	ND		0.330	0.103	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Nitrophenol	ND		0.330	0.300	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Atrazine	ND		0.330	0.0900	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzaldehyde	ND		0.330	0.134	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Caprolactam	ND		0.330	0.0840	mg/Kg		06/05/25 11:01	06/06/25 15:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
2-Fluorobiphenyl (Surr)	*88*		*27 - 127*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
2-Fluorophenol (Surr)	*54*		*25 - 128*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
Terphenyl-d14 (Surr)	*84*		*24 - 146*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
Phenol-d5 (Surr)	*61*		*29 - 130*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
Nitrobenzene-d5 (Surr)	*74*		*15 - 136*	*06/05/25 11:01*	*06/06/25 15:45*	*1*

Lab Sample ID: LCS 400-711662/2-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	2.00	1.276		mg/Kg		64	47 - 100
2,4,5-Trichlorophenol	2.00	1.496		mg/Kg		75	50 - 118
2,4,6-Trichlorophenol	2.00	1.361		mg/Kg		68	49 - 115
2,4-Dichlorophenol	2.00	1.345		mg/Kg		67	53 - 120
2,4-Dimethylphenol	2.00	1.510		mg/Kg		75	45 - 108
2,4-Dinitrophenol	4.00	2.936		mg/Kg		73	10 - 138
2,4-Dinitrotoluene	2.00	1.565		mg/Kg		78	53 - 133
2-Chlorophenol	2.00	1.067		mg/Kg		53	50 - 102
2-Chloronaphthalene	2.00	1.247		mg/Kg		62	48 - 102
2-Methylnaphthalene	2.00	1.308		mg/Kg		65	39 - 112
2-Methylphenol	2.00	1.261		mg/Kg		63	49 - 111
2-Nitroaniline	2.00	1.585		mg/Kg		79	46 - 108
2-Nitrophenol	2.00	1.298		mg/Kg		65	53 - 120
3 & 4 Methylphenol	2.00	1.296		mg/Kg		65	47 - 123
3,3'-Dichlorobenzidine	2.67	2.512		mg/Kg		94	42 - 120
3-Nitroaniline	2.00	2.498	*+	mg/Kg		125	28 - 119
4,6-Dinitro-2-methylphenol	4.00	3.211		mg/Kg		80	35 - 135
4-Bromophenyl phenyl ether	2.00	1.485		mg/Kg		74	51 - 120
4-Chloro-3-methylphenol	2.00	1.500		mg/Kg		75	57 - 124
4-Chloroaniline	2.00	1.330		mg/Kg		66	26 - 102
4-Chlorophenyl phenyl ether	2.00	1.481		mg/Kg		74	53 - 113
4-Nitroaniline	2.00	1.618		mg/Kg		81	32 - 131
Acenaphthene	2.00	1.352		mg/Kg		68	46 - 112
Acenaphthylene	2.00	1.287		mg/Kg		64	41 - 116
Acetophenone	2.00	1.157		mg/Kg		58	43 - 100
Anthracene	2.00	1.604		mg/Kg		80	43 - 120
Benzo[a]anthracene	2.00	1.588		mg/Kg		79	45 - 122

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

Lab Sample ID: LCS 400-711662/2-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	2.00	1.707		mg/Kg		85	40 - 121
Benzo[b]fluoranthene	2.00	1.686		mg/Kg		84	37 - 116
Benzo[g,h,i]perylene	2.00	1.958		mg/Kg		98	34 - 120
Benzo[k]fluoranthene	2.00	1.518		mg/Kg		76	35 - 133
Bis(2-chloroethoxy)methane	2.00	1.049		mg/Kg		52	33 - 100
Bis(2-chloroethyl)ether	2.00	1.521		mg/Kg		76	28 - 120
Bis(2-ethylhexyl) phthalate	2.00	1.746		mg/Kg		87	40 - 150
Chrysene	2.00	1.588		mg/Kg		79	42 - 132
Dibenz(a,h)anthracene	2.00	1.944		mg/Kg		97	36 - 127
Dibenzofuran	2.00	1.425		mg/Kg		71	54 - 105
Di-n-butyl phthalate	2.00	1.762		mg/Kg		88	40 - 122
Diethyl phthalate	2.00	1.761		mg/Kg		88	40 - 128
Dimethyl phthalate	2.00	1.557		mg/Kg		78	58 - 120
Di-n-octyl phthalate	2.00	1.697		mg/Kg		85	40 - 137
Fluoranthene	2.00	2.032		mg/Kg		102	42 - 124
Fluorene	2.00	1.527		mg/Kg		76	45 - 116
Hexachlorobenzene	2.00	1.590		mg/Kg		79	49 - 127
Hexachlorobutadiene	2.00	1.255		mg/Kg		63	43 - 120
Hexachlorocyclopentadiene	2.00	1.529		mg/Kg		76	10 - 140
Hexachloroethane	2.00	1.035		mg/Kg		52	45 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.891		mg/Kg		95	40 - 117
Isophorone	2.00	1.189		mg/Kg		59	36 - 120
Naphthalene	2.00	1.166		mg/Kg		58	40 - 106
Nitrobenzene	2.00	1.179		mg/Kg		59	40 - 120
N-Nitrosodiphenylamine	1.98	1.389		mg/Kg		70	54 - 120
N-Nitrosodi-n-propylamine	2.00	1.094		mg/Kg		55	39 - 120
Pentachlorophenol	4.00	3.238		mg/Kg		81	32 - 131
Phenanthrene	2.00	1.545		mg/Kg		77	47 - 111
Phenol	2.00	1.139		mg/Kg		57	40 - 120
Pyrene	2.00	1.336		mg/Kg		67	41 - 124
Butyl benzyl phthalate	2.00	1.364		mg/Kg		68	50 - 126
bis (2-chloroisopropyl) ether	2.00	0.7671		mg/Kg		38	18 - 105
Carbazole	2.00	1.816		mg/Kg		91	36 - 132
2,6-Dinitrotoluene	2.00	1.491		mg/Kg		75	51 - 114
4-Nitrophenol	4.00	4.109		mg/Kg		103	35 - 139
Atrazine	2.00	1.168		mg/Kg		58	44 - 120
Benzaldehyde	2.00	1.396		mg/Kg		70	20 - 120
Caprolactam	2.00	1.192		mg/Kg		60	43 - 111

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 150*
2-Fluorobiphenyl (Surr)	*63*		*27 - 127*
2-Fluorophenol (Surr)	*49*		*25 - 128*
Terphenyl-d14 (Surr)	*72*		*24 - 146*
Phenol-d5 (Surr)	*52*		*29 - 130*
Nitrobenzene-d5 (Surr)	*64*		*15 - 136*

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

Lab Sample ID: MB 400-712542/1-A
Matrix: Solid
Analysis Batch: 712788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		06/12/25 11:55	06/14/25 19:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*06/12/25 11:55*	*06/14/25 19:25*	*1*

Lab Sample ID: LCS 400-712542/2-A
Matrix: Solid
Analysis Batch: 712788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2720		mg/Kg		102	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*50*		*10 - 150*

Lab Sample ID: 752-32997-1 MS
Matrix: Solid
Analysis Batch: 713008

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 712542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	ND		0.304	0.2589		mg/Kg	☼	85	50 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*50*		*10 - 150*

Lab Sample ID: 752-32997-1 MSD
Matrix: Solid
Analysis Batch: 713008

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 712542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.309	0.2686		mg/Kg	☼	87	50 - 150	4	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*58*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-711483/1-A
Matrix: Solid
Analysis Batch: 711595

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		2.00	0.659	mg/Kg			06/05/25 00:55	1

Lab Sample ID: LCS 400-711483/2-A
Matrix: Solid
Analysis Batch: 711595

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	22.6	23.22		mg/Kg		103	80 - 120

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-711483/1-A
Matrix: Solid
Analysis Batch: 711597

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		20.0	7.29	mg/Kg			06/05/25 00:55	1

Lab Sample ID: LCS 400-711483/2-A
Matrix: Solid
Analysis Batch: 711597

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	100	100.0		mg/Kg		100	80 - 120

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-59440/1-A ^5
Matrix: Solid
Analysis Batch: 60318

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59440

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.01775	J	0.250	0.00290	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Arsenic	ND		0.600	0.0535	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Chromium	0.2903	J	1.00	0.206	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Copper	0.1013	J	0.500	0.0520	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Cadmium	ND		0.500	0.0163	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Cobalt	ND		0.750	0.0283	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Barium	0.02350	J	2.50	0.0142	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Beryllium	ND		0.500	0.0351	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Manganese	ND		1.00	0.0615	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Nickel	ND		1.00	0.0262	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Lead	ND		0.500	0.0590	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Antimony	ND		1.00	0.229	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Selenium	ND		2.50	0.178	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Thallium	ND		0.700	0.0422	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Vanadium	ND		1.00	0.126	mg/Kg		06/05/25 11:05	06/09/25 15:19	5
Zinc	ND		2.50	2.08	mg/Kg		06/05/25 11:05	06/09/25 15:19	5

Lab Sample ID: LCS 705-59440/2-A ^5
Matrix: Solid
Analysis Batch: 60318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59440

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	1.00	1.174		mg/Kg		117	80 - 120
Arsenic	10.0	11.17		mg/Kg		112	80 - 120
Chromium	10.0	11.98		mg/Kg		120	80 - 120
Copper	10.0	11.52		mg/Kg		115	80 - 120
Cadmium	10.0	11.86		mg/Kg		119	80 - 120
Cobalt	10.0	10.75		mg/Kg		108	80 - 120
Barium	10.0	11.54		mg/Kg		115	80 - 120
Beryllium	10.0	10.36		mg/Kg		104	80 - 120
Manganese	10.0	11.26		mg/Kg		113	80 - 120
Nickel	10.0	11.38		mg/Kg		114	80 - 120
Lead	10.0	11.34		mg/Kg		113	80 - 120

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

Lab Sample ID: LCS 705-59440/2-A ^5
Matrix: Solid
Analysis Batch: 60318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59440

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	11.16		mg/Kg		112	80 - 120
Selenium	10.0	11.08		mg/Kg		111	80 - 120
Thallium	10.0	10.36		mg/Kg		104	80 - 120
Vanadium	10.0	11.35		mg/Kg		114	80 - 120
Zinc	10.0	11.70		mg/Kg		117	80 - 120

Lab Sample ID: 752-32997-1 MS
Matrix: Solid
Analysis Batch: 60318

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 59440

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0457	J B	0.662	0.6969		mg/Kg	☼	98	75 - 125
Arsenic	1.11		6.62	7.104		mg/Kg	☼	90	75 - 125
Chromium	7.85	B	6.62	12.85		mg/Kg	☼	75	75 - 125
Copper	15.5	B	6.62	20.64		mg/Kg	☼	78	75 - 125
Cadmium	0.193	J	6.62	6.899		mg/Kg	☼	101	75 - 125
Cobalt	3.62		6.62	9.471		mg/Kg	☼	88	75 - 125
Barium	25.3	F1 B	6.62	45.88	F1	mg/Kg	☼	311	75 - 125
Beryllium	0.147	J	6.62	6.357		mg/Kg	☼	94	75 - 125
Manganese	121		6.62	125.7	4	mg/Kg	☼	72	75 - 125
Nickel	10.2		6.62	17.39		mg/Kg	☼	108	75 - 125
Lead	68.1		6.62	54.97	4	mg/Kg	☼	-199	75 - 125
Antimony	0.242	J F1	6.62	3.626	F1	mg/Kg	☼	51	75 - 125
Selenium	0.236	J	6.62	6.190		mg/Kg	☼	90	75 - 125
Thallium	0.0970	J	6.62	5.549		mg/Kg	☼	82	75 - 125
Vanadium	12.7	F1	6.62	17.40	F1	mg/Kg	☼	71	75 - 125
Zinc	84.6		6.62	82.27	4	mg/Kg	☼	-36	75 - 125

Lab Sample ID: 752-32997-1 MSD
Matrix: Solid
Analysis Batch: 60318

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 59440

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	0.0457	J B	0.661	0.7538		mg/Kg	☼	107	75 - 125	8	20
Arsenic	1.11		6.61	7.830		mg/Kg	☼	102	75 - 125	10	20
Chromium	7.85	B	6.61	14.12		mg/Kg	☼	95	75 - 125	9	20
Copper	15.5	B	6.61	23.23		mg/Kg	☼	117	75 - 125	12	20
Cadmium	0.193	J	6.61	7.898		mg/Kg	☼	117	75 - 125	14	20
Cobalt	3.62		6.61	10.43		mg/Kg	☼	103	75 - 125	10	20
Barium	25.3	F1 B	6.61	46.28	F1	mg/Kg	☼	318	75 - 125	1	20
Beryllium	0.147	J	6.61	7.367		mg/Kg	☼	109	75 - 125	15	20
Manganese	121		6.61	144.7	4	mg/Kg	☼	360	75 - 125	14	20
Nickel	10.2		6.61	17.87		mg/Kg	☼	116	75 - 125	3	20
Lead	68.1		6.61	63.81	4	mg/Kg	☼	-66	75 - 125	15	20
Antimony	0.242	J F1	6.61	3.643	F1	mg/Kg	☼	51	75 - 125	0	20
Selenium	0.236	J	6.61	6.730		mg/Kg	☼	98	75 - 125	8	20
Thallium	0.0970	J	6.61	6.438		mg/Kg	☼	96	75 - 125	15	20
Vanadium	12.7	F1	6.61	20.52		mg/Kg	☼	118	75 - 125	16	20
Zinc	84.6		6.61	99.36	4	mg/Kg	☼	223	75 - 125	19	20

Method: 7473 - Mercury (AAS)

Lab Sample ID: MB 705-59242/5
Matrix: Solid
Analysis Batch: 59242

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0418	mg/Kg			06/04/25 07:40	1

Lab Sample ID: LCS 705-59242/6
Matrix: Solid
Analysis Batch: 59242

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.9851		mg/Kg		99	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-711559/19
Matrix: Solid
Analysis Batch: 711559

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)	0.0498	0.06500		mg/L		130	50 - 150

Lab Sample ID: MB 400-711495/1-A
Matrix: Solid
Analysis Batch: 711559

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		0.988	0.316	mg/Kg			06/04/25 13:00	1

Lab Sample ID: LCS 400-711495/2-A
Matrix: Solid
Analysis Batch: 711559

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.9	59.74		mg/Kg		100	90 - 110

GC/MS VOA

Analysis Batch: 711613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-6	Trip Blank	Total/NA	Water	8260D	
MB 400-711613/5	Method Blank	Total/NA	Water	8260D	
LCS 400-711613/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 711786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	8260D	711829
752-32997-2	SED-7	Total/NA	Solid	8260D	711829
752-32997-3	SED-4	Total/NA	Solid	8260D	711829
752-32997-4	SED-3	Total/NA	Solid	8260D	711829
MB 400-711829/1-A	Method Blank	Total/NA	Solid	8260D	711829
LCS 400-711829/2-A	Lab Control Sample	Total/NA	Solid	8260D	711829
LCSD 400-711829/3-A	Lab Control Sample Dup	Total/NA	Solid	8260D	711829

Prep Batch: 711829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	5035	
752-32997-2	SED-7	Total/NA	Solid	5035	
752-32997-3	SED-4	Total/NA	Solid	5035	
752-32997-4	SED-3	Total/NA	Solid	5035	
MB 400-711829/1-A	Method Blank	Total/NA	Solid	5035	
LCS 400-711829/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-711829/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 711662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	3546	
752-32997-2	SED-7	Total/NA	Solid	3546	
752-32997-3	SED-4	Total/NA	Solid	3546	
752-32997-4	SED-3	Total/NA	Solid	3546	
MB 400-711662/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-711662/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 711868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	8270E	711662
752-32997-2	SED-7	Total/NA	Solid	8270E	711662
752-32997-3	SED-4	Total/NA	Solid	8270E	711662
752-32997-4	SED-3	Total/NA	Solid	8270E	711662
MB 400-711662/1-A	Method Blank	Total/NA	Solid	8270E	711662
LCS 400-711662/2-A	Lab Control Sample	Total/NA	Solid	8270E	711662

Prep Batch: 712542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	3546	
752-32997-2	SED-7	Total/NA	Solid	3546	
752-32997-3	SED-4	Total/NA	Solid	3546	
752-32997-4	SED-3	Total/NA	Solid	3546	
MB 400-712542/1-A	Method Blank	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 712542 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-712542/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-32997-1 MS	SED-8	Total/NA	Solid	3546	
752-32997-1 MSD	SED-8	Total/NA	Solid	3546	

Analysis Batch: 712788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-712542/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	712542
LCS 400-712542/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	712542

Analysis Batch: 713008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	8270E SIM ID	712542
752-32997-2	SED-7	Total/NA	Solid	8270E SIM ID	712542
752-32997-3	SED-4	Total/NA	Solid	8270E SIM ID	712542
752-32997-4	SED-3	Total/NA	Solid	8270E SIM ID	712542
752-32997-1 MS	SED-8	Total/NA	Solid	8270E SIM ID	712542
752-32997-1 MSD	SED-8	Total/NA	Solid	8270E SIM ID	712542

HPLC/IC

Leach Batch: 711483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Soluble	Solid	DI Leach	
752-32997-2	SED-7	Soluble	Solid	DI Leach	
752-32997-3	SED-4	Soluble	Solid	DI Leach	
752-32997-4	SED-3	Soluble	Solid	DI Leach	
MB 400-711483/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-711483/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 711595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Soluble	Solid	9056A	711483
752-32997-2	SED-7	Soluble	Solid	9056A	711483
752-32997-3	SED-4	Soluble	Solid	9056A	711483
752-32997-4	SED-3	Soluble	Solid	9056A	711483
MB 400-711483/1-A	Method Blank	Soluble	Solid	9056A	711483
LCS 400-711483/2-A	Lab Control Sample	Soluble	Solid	9056A	711483

Analysis Batch: 711597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Soluble	Solid	9056A	711483
752-32997-2	SED-7	Soluble	Solid	9056A	711483
752-32997-3	SED-4	Soluble	Solid	9056A	711483
752-32997-4	SED-3	Soluble	Solid	9056A	711483
MB 400-711483/1-A	Method Blank	Soluble	Solid	9056A	711483
LCS 400-711483/2-A	Lab Control Sample	Soluble	Solid	9056A	711483

Metals

Analysis Batch: 59242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	7473	

Metals (Continued)

Analysis Batch: 59242 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-2	SED-7	Total/NA	Solid	7473	
752-32997-3	SED-4	Total/NA	Solid	7473	
752-32997-4	SED-3	Total/NA	Solid	7473	
MB 705-59242/5	Method Blank	Total/NA	Solid	7473	
LCS 705-59242/6	Lab Control Sample	Total/NA	Solid	7473	

Prep Batch: 59440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	3050B	
752-32997-2	SED-7	Total/NA	Solid	3050B	
752-32997-3	SED-4	Total/NA	Solid	3050B	
752-32997-4	SED-3	Total/NA	Solid	3050B	
MB 705-59440/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 705-59440/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
752-32997-1 MS	SED-8	Total/NA	Solid	3050B	
752-32997-1 MSD	SED-8	Total/NA	Solid	3050B	

Analysis Batch: 60318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	6020B	59440
752-32997-2	SED-7	Total/NA	Solid	6020B	59440
752-32997-3	SED-4	Total/NA	Solid	6020B	59440
752-32997-4	SED-3	Total/NA	Solid	6020B	59440
MB 705-59440/1-A ^5	Method Blank	Total/NA	Solid	6020B	59440
LCS 705-59440/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	59440
752-32997-1 MS	SED-8	Total/NA	Solid	6020B	59440
752-32997-1 MSD	SED-8	Total/NA	Solid	6020B	59440

General Chemistry

Analysis Batch: 711397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Total/NA	Solid	Moisture	
752-32997-2	SED-7	Total/NA	Solid	Moisture	
752-32997-3	SED-4	Total/NA	Solid	Moisture	
752-32997-4	SED-3	Total/NA	Solid	Moisture	

Leach Batch: 711495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Soluble	Solid	DI Leach	
752-32997-2	SED-7	Soluble	Solid	DI Leach	
752-32997-3	SED-4	Soluble	Solid	DI Leach	
752-32997-4	SED-3	Soluble	Solid	DI Leach	
MB 400-711495/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-711495/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 711559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-1	SED-8	Soluble	Solid	350.1	711495
752-32997-2	SED-7	Soluble	Solid	350.1	711495
752-32997-3	SED-4	Soluble	Solid	350.1	711495

General Chemistry (Continued)

Analysis Batch: 711559 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-32997-4	SED-3	Soluble	Solid	350.1	711495
MB 400-711495/1-A	Method Blank	Soluble	Solid	350.1	711495
LCS 400-711495/2-A	Lab Control Sample	Soluble	Solid	350.1	711495
MRL 400-711559/19	Lab Control Sample	Total/NA	Solid	350.1	

Lab Chronicle

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

Job ID: 752-32997-1

Client Sample ID: SED-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	711397	TMP	EET PEN	06/03/25 14:12

Client Sample ID: SED-8
Date Collected: 05/29/25 10:00
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-1
Matrix: Solid
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			711829	RSG	EET PEN	06/06/25 08:25
Total/NA	Analysis	8260D		1	711786	CAR	EET PEN	06/06/25 15:02
Total/NA	Prep	3546			711662	AP	EET PEN	06/05/25 11:02
Total/NA	Analysis	8270E		5	711868	VC1	EET PEN	06/06/25 22:20
Total/NA	Prep	3546			712542	AP	EET PEN	06/12/25 11:56
Total/NA	Analysis	8270E SIM ID		5	713008	VC1	EET PEN	06/17/25 11:39
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711595	AMM	EET PEN	06/05/25 03:54
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711597	AMM	EET PEN	06/05/25 03:54
Total/NA	Prep	3050B			59440	EF	EET ATL	06/05/25 11:05
Total/NA	Analysis	6020B		5	60318	IF	EET ATL	06/09/25 15:26
Total/NA	Analysis	7473		1	59242	GR	EET ATL	06/04/25 11:11
Soluble	Leach	DI Leach			711495	CAC	EET PEN	06/04/25 11:08
Soluble	Analysis	350.1		1	711559	CAC	EET PEN	06/04/25 13:45

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	711397	TMP	EET PEN	06/03/25 14:12

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid
Percent Solids: 68.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			711829	RSG	EET PEN	06/06/25 08:25
Total/NA	Analysis	8260D		1	711786	CAR	EET PEN	06/06/25 15:23
Total/NA	Prep	3546			711662	AP	EET PEN	06/05/25 11:02
Total/NA	Analysis	8270E		5	711868	VC1	EET PEN	06/06/25 22:48
Total/NA	Prep	3546			712542	AP	EET PEN	06/12/25 11:56
Total/NA	Analysis	8270E SIM ID		5	713008	VC1	EET PEN	06/17/25 12:01
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711595	AMM	EET PEN	06/05/25 04:19
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711597	AMM	EET PEN	06/05/25 04:19

Lab Chronicle

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

Job ID: 752-32997-1

Client Sample ID: SED-7
Date Collected: 05/29/25 10:40
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-2
Matrix: Solid
Percent Solids: 68.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			59440	EF	EET ATL	06/05/25 11:05
Total/NA	Analysis	6020B		5	60318	IF	EET ATL	06/09/25 15:45
Total/NA	Analysis	7473		1	59242	GR	EET ATL	06/04/25 11:19
Soluble	Leach	DI Leach			711495	CAC	EET PEN	06/04/25 11:08
Soluble	Analysis	350.1		1	711559	CAC	EET PEN	06/04/25 13:48

Client Sample ID: SED-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	711397	TMP	EET PEN	06/03/25 14:12

Client Sample ID: SED-4
Date Collected: 05/29/25 11:45
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-3
Matrix: Solid
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			711829	RSG	EET PEN	06/06/25 08:25
Total/NA	Analysis	8260D		1	711786	CAR	EET PEN	06/06/25 15:44
Total/NA	Prep	3546			711662	AP	EET PEN	06/05/25 11:02
Total/NA	Analysis	8270E		5	711868	VC1	EET PEN	06/06/25 23:16
Total/NA	Prep	3546			712542	AP	EET PEN	06/12/25 11:56
Total/NA	Analysis	8270E SIM ID		5	713008	VC1	EET PEN	06/17/25 12:23
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711595	AMM	EET PEN	06/05/25 04:28
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711597	AMM	EET PEN	06/05/25 04:28
Total/NA	Prep	3050B			59440	EF	EET ATL	06/05/25 11:05
Total/NA	Analysis	6020B		5	60318	IF	EET ATL	06/09/25 15:48
Total/NA	Analysis	7473		1	59242	GR	EET ATL	06/04/25 11:27
Soluble	Leach	DI Leach			711495	CAC	EET PEN	06/04/25 11:08
Soluble	Analysis	350.1		1	711559	CAC	EET PEN	06/04/25 13:51

Client Sample ID: SED-3
Date Collected: 05/29/25 12:10
Date Received: 05/29/25 14:15

Lab Sample ID: 752-32997-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	711397	TMP	EET PEN	06/03/25 14:12

Lab Chronicle

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

Job ID: 752-32997-1

Client Sample ID: SED-3

Lab Sample ID: 752-32997-4

Date Collected: 05/29/25 12:10
Matrix: Solid
Date Received: 05/29/25 14:15
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			711829	RSG	EET PEN	06/06/25 08:25
Total/NA	Analysis	8260D		1	711786	CAR	EET PEN	06/06/25 16:04
Total/NA	Prep	3546			711662	AP	EET PEN	06/05/25 11:02
Total/NA	Analysis	8270E		5	711868	VC1	EET PEN	06/06/25 23:44
Total/NA	Prep	3546			712542	AP	EET PEN	06/12/25 11:56
Total/NA	Analysis	8270E SIM ID		5	713008	VC1	EET PEN	06/17/25 12:44
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711595	AMM	EET PEN	06/05/25 04:36
Soluble	Leach	DI Leach			711483	AMM	EET PEN	06/04/25 10:29
Soluble	Analysis	9056A		1	711597	AMM	EET PEN	06/05/25 04:36
Total/NA	Prep	3050B			59440	EF	EET ATL	06/05/25 11:05
Total/NA	Analysis	6020B		5	60318	IF	EET ATL	06/09/25 16:12
Total/NA	Analysis	7473		1	59242	GR	EET ATL	06/04/25 11:36
Soluble	Leach	DI Leach			711495	CAC	EET PEN	06/04/25 11:08
Soluble	Analysis	350.1		1	711559	CAC	EET PEN	06/04/25 13:54

Client Sample ID: Trip Blank

Lab Sample ID: 752-32997-6

Date Collected: 05/29/25 00:00
Matrix: Water
Date Received: 05/29/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711613	WPD	EET PEN	06/05/25 18:04

Laboratory References:

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

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-32997-1
Project/Site: Walltown Park

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

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

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8260D		Water	1,2,4-Trimethylbenzene
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5035	Solid	Hexane
8260D	5035	Solid	n-Heptane
9056A		Solid	Nitrate as N
9056A		Solid	Sulfate
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

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

Job ID: 752-32997-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7473	Mercury (AAS)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET ATL
3546	Microwave Extraction	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

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

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

Sample Summary

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

Job ID: 752-32997-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
752-32997-1	SED-8	Solid	05/29/25 10:00	05/29/25 14:15
752-32997-2	SED-7	Solid	05/29/25 10:40	05/29/25 14:15
752-32997-3	SED-4	Solid	05/29/25 11:45	05/29/25 14:15
752-32997-4	SED-3	Solid	05/29/25 12:10	05/29/25 14:15
752-32997-6	Trip Blank	Water	05/29/25 00:00	05/29/25 14:15

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing

752-32997 COC

Client Information	Sampler: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking	COC No: -167639-59294.1
Client Contact: Jerry Paul	Phone: 919.872.2660	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #: 23050630
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: Walltown Park	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
D - HNO3
A - HCL
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)	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		
SED-8	5/29/25	1000	G	S	N	X	X	X	X	X	X	3	
SED-7	"	1040	"	"	"	X	X	X	X	X	X	3	
SED-4	"	1145	"	"	"	X	X	X	X	X	X	3	
SED-3	"	1210	"	"	"	X	X	X	X	X	X	3	
Trip Blank	—	—	—	—							X	2	

Initial Temperature: _____°C
Correction Factor: 0.2°C
Corrected Temperature: _____°C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO LB

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jonathan Olanin	5/29/25 2:18PM	S&ME		5/29/25 1415	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:

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: 752-5718.1
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 #: 752-32997-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 6/2/2025			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: Wallton 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_FM VOC NC 02L List	8270E/3546 SVOC TCL OLM4.2	8270E_SIM_ID_D5/3546 1,4-Dioxane	Moisture	350.1/DI_LEACH Ammonia as N	9056A_ORGFM_28D/DI_LEACH Sulfate	9056A_ORGFM_48H/DI_LEACH Nitrate as N						Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
SED-8 (752-32997-1)	5/29/25	10:00 Eastern	G	Solid			X	X	X	X	X	X	X							2
SED-7 (752-32997-2)	5/29/25	10:40 Eastern	G	Solid			X	X	X	X	X	X	X							2
SED-4 (752-32997-3)	5/29/25	11:45 Eastern	G	Solid			X	X	X	X	X	X	X							2
SED-3 (752-32997-4)	5/29/25	12:10 Eastern	G	Solid			X	X	X	X	X	X	X							2
Trip Blank (752-32997-5)	5/29/25	Eastern	G	Solid				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:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	5-29-25 1536		WB	5/30/25/1012	ETS
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: 3.2 IR

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: 752-5717.1
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 #: 752-32997-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 6/6/2025			
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: Wallton 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)	6020B_LL/3050B PRLF 16 Metals, including prep	7473/ Mercury	353.2/DI_LEACH Nitrate + Nitrite	353.2_Nitrite/DI_LEACH Nitrite	Moisture/ Percent Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SED-8 (752-32997-1)	5/29/25	10:00 Eastern	G	Solid			X	X	X	X	X	2	
SED-7 (752-32997-2)	5/29/25	10:40 Eastern	G	Solid			X	X	X	X	X	2	
SED-4 (752-32997-3)	5/29/25	11:45 Eastern	G	Solid			X	X	X	X	X	2	
SED-3 (752-32997-4)	5/29/25	12:10 Eastern	G	Solid			X	X	X	X	X	2	

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
	5-29-25 1530			5/30/25 1010	
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: 2664 3.4

Ver: 10/10/2024

6/30/2025

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-32997-1

Login Number: 32997
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: 752-32997-1

Login Number: 32997
List Number: 2
Creator: Karbievskii, Konstantin

List Source: Eurofins Atlanta
List Creation: 05/30/25 10:34 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
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.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-32997-1

Login Number: 32997
List Number: 3
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola
List Creation: 05/30/25 05:12 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6°C, 3.8°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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/10/2025 4:41:59 PM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

400-276738-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization

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Authorized for release by
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Job Narrative
400-276738-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/29/2025 9:45 AM. 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 5.1°C.

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

GC/MS Semi VOA
Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SW-1 (400-276738-1) and SW-5 (400-276738-5). These results have been reported and qualified.

Method 8270E_QQQ: Surrogate recovery for the following method blank was outside the upper control limit: (MB 400-711159/1-A). The method blank did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-711159 and analytical batch 400-711278 recovered outside control limits for the qualified analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-711159 and analytical batch 400-711465 recovered outside control limits for the qualified analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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

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

General Chemistry
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: 400-276738-1

Client Sample ID: SW-1 — Lab Sample ID: 400-276738-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.747		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	9.33		1.00	0.390	mg/L	1		9056A	Total/NA
Antimony	0.500	J	5.00	0.340	ug/L	1		6020B	Total Recoverable
Arsenic	1.07	J	3.00	0.860	ug/L	1		6020B	Total Recoverable
Barium	31.8		5.00	0.890	ug/L	1		6020B	Total Recoverable
Cobalt	0.305	J	0.500	0.220	ug/L	1		6020B	Total Recoverable
Copper	11.2		5.00	1.08	ug/L	1		6020B	Total Recoverable
Lead	3.12		2.50	0.210	ug/L	1		6020B	Total Recoverable
Manganese	35.6		5.00	2.20	ug/L	1		6020B	Total Recoverable
Nickel	1.67	J	5.00	0.420	ug/L	1		6020B	Total Recoverable
Vanadium	1.71	J	10.0	0.630	ug/L	1		6020B	Total Recoverable
Zinc	21.5		20.0	2.80	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-2 — Lab Sample ID: 400-276738-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.604		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	5.46		1.00	0.390	mg/L	1		9056A	Total/NA
Antimony	0.485	J	5.00	0.340	ug/L	1		6020B	Total Recoverable
Arsenic	1.06	J	3.00	0.860	ug/L	1		6020B	Total Recoverable
Barium	23.4		5.00	0.890	ug/L	1		6020B	Total Recoverable
Chromium	1.27	J	5.00	1.20	ug/L	1		6020B	Total Recoverable
Cobalt	0.915		0.500	0.220	ug/L	1		6020B	Total Recoverable
Copper	13.0		5.00	1.08	ug/L	1		6020B	Total Recoverable
Lead	3.69		2.50	0.210	ug/L	1		6020B	Total Recoverable
Manganese	29.8		5.00	2.20	ug/L	1		6020B	Total Recoverable
Nickel	2.69	J	5.00	0.420	ug/L	1		6020B	Total Recoverable
Vanadium	2.39	J	10.0	0.630	ug/L	1		6020B	Total Recoverable
Zinc	26.7		20.0	2.80	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-6 — Lab Sample ID: 400-276738-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.563		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	5.60		1.00	0.390	mg/L	1		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-6 (Continued) — Lab Sample ID: 400-276738-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.475	J	5.00	0.340	ug/L	1		6020B	Total Recoverable
Arsenic	0.915	J	3.00	0.860	ug/L	1		6020B	Total Recoverable
Barium	24.1		5.00	0.890	ug/L	1		6020B	Total Recoverable
Cobalt	0.555		0.500	0.220	ug/L	1		6020B	Total Recoverable
Copper	12.6		5.00	1.08	ug/L	1		6020B	Total Recoverable
Lead	3.66		2.50	0.210	ug/L	1		6020B	Total Recoverable
Manganese	25.6		5.00	2.20	ug/L	1		6020B	Total Recoverable
Nickel	2.03	J	5.00	0.420	ug/L	1		6020B	Total Recoverable
Vanadium	2.18	J	10.0	0.630	ug/L	1		6020B	Total Recoverable
Zinc	25.7		20.0	2.80	ug/L	1		6020B	Total Recoverable

Client Sample ID: DUP — Lab Sample ID: 400-276738-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.514		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	5.47		1.00	0.390	mg/L	1		9056A	Total/NA
Antimony	0.450	J	5.00	0.340	ug/L	1		6020B	Total Recoverable
Barium	21.1		5.00	0.890	ug/L	1		6020B	Total Recoverable
Cobalt	0.395	J	0.500	0.220	ug/L	1		6020B	Total Recoverable
Copper	11.2		5.00	1.08	ug/L	1		6020B	Total Recoverable
Lead	2.76		2.50	0.210	ug/L	1		6020B	Total Recoverable
Manganese	18.3		5.00	2.20	ug/L	1		6020B	Total Recoverable
Nickel	1.78	J	5.00	0.420	ug/L	1		6020B	Total Recoverable
Vanadium	1.67	J	10.0	0.630	ug/L	1		6020B	Total Recoverable
Zinc	20.7		20.0	2.80	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-5 — Lab Sample ID: 400-276738-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.481		0.100	0.0630	mg/L	1		9056A	Total/NA
Sulfate	5.26		1.00	0.390	mg/L	1		9056A	Total/NA
Antimony	0.455	J	5.00	0.340	ug/L	1		6020B	Total Recoverable
Arsenic	1.14	J	3.00	0.860	ug/L	1		6020B	Total Recoverable
Barium	23.7		5.00	0.890	ug/L	1		6020B	Total Recoverable
Chromium	1.22	J	5.00	1.20	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-5 (Continued)
Lab Sample ID: 400-276738-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.365	J	0.500	0.220	ug/L	1		6020B	Total Recoverable
Copper	12.3		5.00	1.08	ug/L	1		6020B	Total Recoverable
Lead	5.09		2.50	0.210	ug/L	1		6020B	Total Recoverable
Manganese	19.0		5.00	2.20	ug/L	1		6020B	Total Recoverable
Nickel	1.82	J	5.00	0.420	ug/L	1		6020B	Total Recoverable
Vanadium	1.78	J	10.0	0.630	ug/L	1		6020B	Total Recoverable
Zinc	24.4		20.0	2.80	ug/L	1		6020B	Total Recoverable

Client Sample ID: Trip Blank
Lab Sample ID: 400-276738-6

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

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

Job ID: 400-276738-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-276738-1	SW-1	Water	05/28/25 09:50	05/29/25 09:45
400-276738-2	SW-2	Water	05/28/25 12:50	05/29/25 09:45
400-276738-3	SW-6	Water	05/28/25 13:50	05/29/25 09:45
400-276738-4	DUP	Water	05/28/25 13:50	05/29/25 09:45
400-276738-5	SW-5	Water	05/28/25 15:15	05/29/25 09:45
400-276738-6	Trip Blank	Water	05/28/25 00:00	05/29/25 09:45

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

Job ID: 400-276738-1

Client Sample ID: SW-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-1
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			06/06/25 16:09	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 16:09	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 16:09	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 16:09	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 16:09	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 16:09	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 16:09	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 16:09	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 16:09	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 16:09	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 16:09	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 16:09	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 16:09	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 16:09	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 16:09	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 16:09	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 16:09	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 16:09	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 16:09	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 16:09	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 16:09	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 16:09	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 16:09	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 16:09	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 16:09	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 16:09	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 16:09	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 16:09	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 16:09	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 16:09	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 16:09	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 16:09	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 16:09	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 16:09	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 16:09	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 16:09	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 16:09	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 16:09	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 16:09	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 16:09	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 16:09	1

Client Sample ID: SW-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-1
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			06/06/25 16:09	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 16:09	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 16:09	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 16:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 16:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 16:09	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 16:09	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 16:09	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 16:09	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 16:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 16:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 16:09	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 16:09	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 16:09	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 16:09	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 16:09	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 16:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 16:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 16:09	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 16:09	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 16:09	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*56 - 136*		*06/06/25 16:09*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*06/06/25 16:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*06/06/25 16:09*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*06/06/25 16:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		06/03/25 07:00	06/09/25 19:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*06/03/25 07:00*	*06/09/25 19:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.4	0.436	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,4,5-Trichlorophenol	ND	*+	10.4	0.561	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,4,6-Trichlorophenol	ND	*+	10.4	1.13	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,4-Dichlorophenol	ND	*+	10.4	0.592	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,4-Dimethylphenol	ND		10.4	0.249	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,4-Dinitrophenol	ND		31.1	4.86	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,4-Dinitrotoluene	ND	*+	10.4	0.675	ug/L		06/02/25 07:00	06/03/25 16:33	1
2,6-Dinitrotoluene	ND	*+	10.4	0.301	ug/L		06/02/25 07:00	06/03/25 16:33	1
2-Chloronaphthalene	ND		10.4	0.394	ug/L		06/02/25 07:00	06/03/25 16:33	1
2-Chlorophenol	ND	*+	10.4	0.872	ug/L		06/02/25 07:00	06/03/25 16:33	1
2-Methylnaphthalene	ND		10.4	0.841	ug/L		06/02/25 07:00	06/03/25 16:33	1

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

Job ID: 400-276738-1

Client Sample ID: SW-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	10.4	0.789	ug/L		06/02/25 07:00	06/03/25 16:33	1
2-Nitroaniline	ND	*+	10.4	1.42	ug/L		06/02/25 07:00	06/03/25 16:33	1
2-Nitrophenol	ND	*+	10.4	1.21	ug/L		06/02/25 07:00	06/03/25 16:33	1
3 & 4 Methylphenol	ND	*+	20.8	4.78	ug/L		06/02/25 07:00	06/03/25 16:33	1
3,3'-Dichlorobenzidine	ND		11.4	0.426	ug/L		06/02/25 07:00	06/03/25 16:33	1
3-Nitroaniline	ND	*+	10.4	0.986	ug/L		06/02/25 07:00	06/03/25 16:33	1
4,6-Dinitro-2-methylphenol	ND		10.4	2.04	ug/L		06/02/25 07:00	06/03/25 16:33	1
4-Bromophenyl phenyl ether	ND	*+	10.4	0.135	ug/L		06/02/25 07:00	06/03/25 16:33	1
4-Chloro-3-methylphenol	ND	*+	10.4	0.758	ug/L		06/02/25 07:00	06/03/25 16:33	1
4-Chloroaniline	ND		10.4	0.291	ug/L		06/02/25 07:00	06/03/25 16:33	1
4-Chlorophenyl phenyl ether	ND	*+	10.4	0.249	ug/L		06/02/25 07:00	06/03/25 16:33	1
4-Nitroaniline	ND	*+	10.4	3.63	ug/L		06/02/25 07:00	06/03/25 16:33	1
4-Nitrophenol	ND	*+	10.4	2.84	ug/L		06/02/25 07:00	06/03/25 16:33	1
Acenaphthene	ND	*+	10.4	0.654	ug/L		06/02/25 07:00	06/03/25 16:33	1
Acenaphthylene	ND	*+	10.4	0.789	ug/L		06/02/25 07:00	06/03/25 16:33	1
Acetophenone	ND	*+	10.4	3.32	ug/L		06/02/25 07:00	06/03/25 16:33	1
Anthracene	ND	*+	10.4	0.945	ug/L		06/02/25 07:00	06/03/25 16:33	1
Atrazine	ND		10.4	1.17	ug/L		06/02/25 07:00	06/03/25 16:33	1
Benzaldehyde	ND		10.4	0.696	ug/L		06/02/25 07:00	06/03/25 16:33	1
Benzo[a]anthracene	ND	*+	10.4	1.04	ug/L		06/02/25 07:00	06/03/25 16:33	1
Benzo[a]pyrene	ND	*+	10.4	1.14	ug/L		06/02/25 07:00	06/03/25 16:33	1
Benzo[b]fluoranthene	ND	*+	10.4	1.25	ug/L		06/02/25 07:00	06/03/25 16:33	1
Benzo[g,h,i]perylene	ND	*+	10.4	1.56	ug/L		06/02/25 07:00	06/03/25 16:33	1
Benzo[k]fluoranthene	ND	*+	10.4	1.56	ug/L		06/02/25 07:00	06/03/25 16:33	1
bis (2-chloroisopropyl) ether	ND	*+	10.4	0.965	ug/L		06/02/25 07:00	06/03/25 16:33	1
Bis(2-chloroethoxy)methane	ND	*+	10.4	0.353	ug/L		06/02/25 07:00	06/03/25 16:33	1
Bis(2-chloroethyl)ether	ND	*+	10.4	0.758	ug/L		06/02/25 07:00	06/03/25 16:33	1
Bis(2-ethylhexyl) phthalate	ND		10.4	4.15	ug/L		06/02/25 07:00	06/03/25 16:33	1
Butyl benzyl phthalate	ND	*+	10.4	4.15	ug/L		06/02/25 07:00	06/03/25 16:33	1
Caprolactam	ND	*+	10.4	2.49	ug/L		06/02/25 07:00	06/03/25 16:33	1
Carbazole	ND	*+	10.4	0.332	ug/L		06/02/25 07:00	06/03/25 16:33	1
Chrysene	ND	*+	10.4	1.25	ug/L		06/02/25 07:00	06/03/25 16:33	1
Dibenz(a,h)anthracene	ND	*+	10.4	1.35	ug/L		06/02/25 07:00	06/03/25 16:33	1
Dibenzofuran	ND	*+	10.4	0.664	ug/L		06/02/25 07:00	06/03/25 16:33	1
Diethyl phthalate	ND	*+	10.4	4.15	ug/L		06/02/25 07:00	06/03/25 16:33	1
Dimethyl phthalate	ND	*+	10.4	4.15	ug/L		06/02/25 07:00	06/03/25 16:33	1
Di-n-butyl phthalate	ND	*+	10.4	4.15	ug/L		06/02/25 07:00	06/03/25 16:33	1
Di-n-octyl phthalate	ND		10.4	4.15	ug/L		06/02/25 07:00	06/03/25 16:33	1
Fluoranthene	ND	*+	10.4	0.654	ug/L		06/02/25 07:00	06/03/25 16:33	1
Fluorene	ND	*+	10.4	0.696	ug/L		06/02/25 07:00	06/03/25 16:33	1
Hexachlorobenzene	ND	*+	10.4	0.260	ug/L		06/02/25 07:00	06/03/25 16:33	1
Hexachlorobutadiene	ND		10.4	0.571	ug/L		06/02/25 07:00	06/03/25 16:33	1
Hexachlorocyclopentadiene	ND		20.8	0.332	ug/L		06/02/25 07:00	06/03/25 16:33	1
Hexachloroethane	ND		10.4	0.550	ug/L		06/02/25 07:00	06/03/25 16:33	1
Indeno[1,2,3-cd]pyrene	ND	*+	10.4	1.14	ug/L		06/02/25 07:00	06/03/25 16:33	1
Isophorone	ND	*+	10.4	0.830	ug/L		06/02/25 07:00	06/03/25 16:33	1
Naphthalene	ND		10.4	0.779	ug/L		06/02/25 07:00	06/03/25 16:33	1
Nitrobenzene	ND	*+	10.4	0.623	ug/L		06/02/25 07:00	06/03/25 16:33	1
N-Nitrosodi-n-propylamine	ND		10.4	0.343	ug/L		06/02/25 07:00	06/03/25 16:33	1

Client Sample ID: SW-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	*+	10.4	0.197	ug/L		06/02/25 07:00	06/03/25 16:33	1
Pentachlorophenol	ND	*+	10.4	2.91	ug/L		06/02/25 07:00	06/03/25 16:33	1
Phenanthrene	ND	*+	10.4	0.768	ug/L		06/02/25 07:00	06/03/25 16:33	1
Phenol	ND	*+	10.4	0.706	ug/L		06/02/25 07:00	06/03/25 16:33	1
Pyrene	ND	*+	10.4	0.654	ug/L		06/02/25 07:00	06/03/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*131*		*10 - 150*	*06/02/25 07:00*	*06/03/25 16:33*	*1*
2-Fluorobiphenyl (Surr)	*124*		*25 - 139*	*06/02/25 07:00*	*06/03/25 16:33*	*1*
2-Fluorophenol (Surr)	*140*		*10 - 150*	*06/02/25 07:00*	*06/03/25 16:33*	*1*
Nitrobenzene-d5 (Surr)	*136*		*22 - 150*	*06/02/25 07:00*	*06/03/25 16:33*	*1*
Phenol-d5 (Surr)	*153*	*S1+*	*10 - 150*	*06/02/25 07:00*	*06/03/25 16:33*	*1*
Terphenyl-d14 (Surr)	*83*		*28 - 150*	*06/02/25 07:00*	*06/03/25 16:33*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.747**		0.100	0.0630	mg/L			05/29/25 19:15	1
Sulfate	**9.33**		1.00	0.390	mg/L			05/29/25 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.500**	**J**	5.00	0.340	ug/L		06/02/25 05:25	06/02/25 14:29	1
Arsenic	**1.07**	**J**	3.00	0.860	ug/L		06/02/25 05:25	06/02/25 14:29	1
Barium	**31.8**		5.00	0.890	ug/L		06/02/25 05:25	06/02/25 14:29	1
Beryllium	ND		0.500	0.200	ug/L		06/02/25 05:25	06/02/25 14:29	1
Cadmium	ND		0.500	0.0780	ug/L		06/02/25 05:25	06/02/25 14:29	1
Chromium	ND		5.00	1.20	ug/L		06/02/25 05:25	06/02/25 14:29	1
Cobalt	**0.305**	**J**	0.500	0.220	ug/L		06/02/25 05:25	06/02/25 14:29	1
Copper	**11.2**		5.00	1.08	ug/L		06/02/25 05:25	06/02/25 14:29	1
Lead	**3.12**		2.50	0.210	ug/L		06/02/25 05:25	06/02/25 14:29	1
Manganese	**35.6**		5.00	2.20	ug/L		06/02/25 05:25	06/02/25 14:29	1
Nickel	**1.67**	**J**	5.00	0.420	ug/L		06/02/25 05:25	06/02/25 14:29	1
Selenium	ND		2.50	0.990	ug/L		06/02/25 05:25	06/02/25 14:29	1
Silver	ND		1.00	0.390	ug/L		06/02/25 05:25	06/02/25 14:29	1
Thallium	ND		1.00	0.260	ug/L		06/02/25 05:25	06/02/25 14:29	1
Vanadium	**1.71**	**J**	10.0	0.630	ug/L		06/02/25 05:25	06/02/25 14:29	1
Zinc	**21.5**		20.0	2.80	ug/L		06/02/25 05:25	06/02/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/02/25 11:05	06/02/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0460	mg/L			06/04/25 12:12	1

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

Job ID: 400-276738-1

Client Sample ID: SW-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-2
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			06/06/25 16:35	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 16:35	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 16:35	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 16:35	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 16:35	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 16:35	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 16:35	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 16:35	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 16:35	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 16:35	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 16:35	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 16:35	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 16:35	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 16:35	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 16:35	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 16:35	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 16:35	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 16:35	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 16:35	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 16:35	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 16:35	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 16:35	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 16:35	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 16:35	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 16:35	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 16:35	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 16:35	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 16:35	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 16:35	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 16:35	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 16:35	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 16:35	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 16:35	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 16:35	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 16:35	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 16:35	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 16:35	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 16:35	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 16:35	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 16:35	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 16:35	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 16:35	1

Client Sample ID: SW-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-2
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			06/06/25 16:35	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 16:35	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 16:35	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 16:35	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 16:35	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 16:35	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 16:35	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 16:35	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 16:35	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 16:35	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 16:35	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 16:35	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 16:35	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 16:35	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 16:35	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 16:35	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 16:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 16:35	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 16:35	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 16:35	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 16:35	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 16:35	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*56 - 136*		*06/06/25 16:35*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*06/06/25 16:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*06/06/25 16:35*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*06/06/25 16:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.284	0.284	ug/L		06/03/25 07:00	06/09/25 20:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*06/03/25 07:00*	*06/09/25 20:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.84	0.413	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,4,5-Trichlorophenol	ND	*+	9.84	0.531	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,4,6-Trichlorophenol	ND	*+	9.84	1.07	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,4-Dichlorophenol	ND	*+	9.84	0.561	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,4-Dimethylphenol	ND		9.84	0.236	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,4-Dinitrophenol	ND		29.5	4.60	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,4-Dinitrotoluene	ND	*+	9.84	0.639	ug/L		06/02/25 07:00	06/03/25 17:04	1
2,6-Dinitrotoluene	ND	*+	9.84	0.285	ug/L		06/02/25 07:00	06/03/25 17:04	1
2-Chloronaphthalene	ND		9.84	0.374	ug/L		06/02/25 07:00	06/03/25 17:04	1
2-Chlorophenol	ND	*+	9.84	0.826	ug/L		06/02/25 07:00	06/03/25 17:04	1
2-Methylnaphthalene	ND		9.84	0.797	ug/L		06/02/25 07:00	06/03/25 17:04	1

Client: S&ME Inc
Job ID: 400-276738-1
Project/Site: Walltown Park

Client Sample ID: SW-2
Lab Sample ID: 400-276738-2
Date Collected: 05/28/25 12:50
Matrix: Water
Date Received: 05/29/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	9.84	0.748	ug/L		06/02/25 07:00	06/03/25 17:04	1
2-Nitroaniline	ND	*+	9.84	1.35	ug/L		06/02/25 07:00	06/03/25 17:04	1
2-Nitrophenol	ND	*+	9.84	1.15	ug/L		06/02/25 07:00	06/03/25 17:04	1
3 & 4 Methylphenol	ND	*+	19.7	4.52	ug/L		06/02/25 07:00	06/03/25 17:04	1
3,3'-Dichlorobenzidine	ND		10.8	0.403	ug/L		06/02/25 07:00	06/03/25 17:04	1
3-Nitroaniline	ND	*+	9.84	0.934	ug/L		06/02/25 07:00	06/03/25 17:04	1
4,6-Dinitro-2-methylphenol	ND		9.84	1.94	ug/L		06/02/25 07:00	06/03/25 17:04	1
4-Bromophenyl phenyl ether	ND	*+	9.84	0.128	ug/L		06/02/25 07:00	06/03/25 17:04	1
4-Chloro-3-methylphenol	ND	*+	9.84	0.718	ug/L		06/02/25 07:00	06/03/25 17:04	1
4-Chloroaniline	ND		9.84	0.275	ug/L		06/02/25 07:00	06/03/25 17:04	1
4-Chlorophenyl phenyl ether	ND	*+	9.84	0.236	ug/L		06/02/25 07:00	06/03/25 17:04	1
4-Nitroaniline	ND	*+	9.84	3.44	ug/L		06/02/25 07:00	06/03/25 17:04	1
4-Nitrophenol	ND	*+	9.84	2.70	ug/L		06/02/25 07:00	06/03/25 17:04	1
Acenaphthene	ND	*+	9.84	0.620	ug/L		06/02/25 07:00	06/03/25 17:04	1
Acenaphthylene	ND	*+	9.84	0.748	ug/L		06/02/25 07:00	06/03/25 17:04	1
Acetophenone	ND	*+	9.84	3.15	ug/L		06/02/25 07:00	06/03/25 17:04	1
Anthracene	ND	*+	9.84	0.895	ug/L		06/02/25 07:00	06/03/25 17:04	1
Atrazine	ND		9.84	1.11	ug/L		06/02/25 07:00	06/03/25 17:04	1
Benzaldehyde	ND		9.84	0.659	ug/L		06/02/25 07:00	06/03/25 17:04	1
Benzo[a]anthracene	ND	*+	9.84	0.984	ug/L		06/02/25 07:00	06/03/25 17:04	1
Benzo[a]pyrene	ND	*+	9.84	1.08	ug/L		06/02/25 07:00	06/03/25 17:04	1
Benzo[b]fluoranthene	ND	*+	9.84	1.18	ug/L		06/02/25 07:00	06/03/25 17:04	1
Benzo[g,h,i]perylene	ND	*+	9.84	1.48	ug/L		06/02/25 07:00	06/03/25 17:04	1
Benzo[k]fluoranthene	ND	*+	9.84	1.48	ug/L		06/02/25 07:00	06/03/25 17:04	1
bis (2-chloroisopropyl) ether	ND	*+	9.84	0.915	ug/L		06/02/25 07:00	06/03/25 17:04	1
Bis(2-chloroethoxy)methane	ND	*+	9.84	0.334	ug/L		06/02/25 07:00	06/03/25 17:04	1
Bis(2-chloroethyl)ether	ND	*+	9.84	0.718	ug/L		06/02/25 07:00	06/03/25 17:04	1
Bis(2-ethylhexyl) phthalate	ND		9.84	3.93	ug/L		06/02/25 07:00	06/03/25 17:04	1
Butyl benzyl phthalate	ND	*+	9.84	3.93	ug/L		06/02/25 07:00	06/03/25 17:04	1
Caprolactam	ND	*+	9.84	2.36	ug/L		06/02/25 07:00	06/03/25 17:04	1
Carbazole	ND	*+	9.84	0.315	ug/L		06/02/25 07:00	06/03/25 17:04	1
Chrysene	ND	*+	9.84	1.18	ug/L		06/02/25 07:00	06/03/25 17:04	1
Dibenz(a,h)anthracene	ND	*+	9.84	1.28	ug/L		06/02/25 07:00	06/03/25 17:04	1
Dibenzofuran	ND	*+	9.84	0.630	ug/L		06/02/25 07:00	06/03/25 17:04	1
Diethyl phthalate	ND	*+	9.84	3.93	ug/L		06/02/25 07:00	06/03/25 17:04	1
Dimethyl phthalate	ND	*+	9.84	3.93	ug/L		06/02/25 07:00	06/03/25 17:04	1
Di-n-butyl phthalate	ND	*+	9.84	3.93	ug/L		06/02/25 07:00	06/03/25 17:04	1
Di-n-octyl phthalate	ND		9.84	3.93	ug/L		06/02/25 07:00	06/03/25 17:04	1
Fluoranthene	ND	*+	9.84	0.620	ug/L		06/02/25 07:00	06/03/25 17:04	1
Fluorene	ND	*+	9.84	0.659	ug/L		06/02/25 07:00	06/03/25 17:04	1
Hexachlorobenzene	ND	*+	9.84	0.246	ug/L		06/02/25 07:00	06/03/25 17:04	1
Hexachlorobutadiene	ND		9.84	0.541	ug/L		06/02/25 07:00	06/03/25 17:04	1
Hexachlorocyclopentadiene	ND		19.7	0.315	ug/L		06/02/25 07:00	06/03/25 17:04	1
Hexachloroethane	ND		9.84	0.521	ug/L		06/02/25 07:00	06/03/25 17:04	1
Indeno[1,2,3-cd]pyrene	ND	*+	9.84	1.08	ug/L		06/02/25 07:00	06/03/25 17:04	1
Isophorone	ND	*+	9.84	0.787	ug/L		06/02/25 07:00	06/03/25 17:04	1
Naphthalene	ND		9.84	0.738	ug/L		06/02/25 07:00	06/03/25 17:04	1
Nitrobenzene	ND	*+	9.84	0.590	ug/L		06/02/25 07:00	06/03/25 17:04	1
N-Nitrosodi-n-propylamine	ND		9.84	0.325	ug/L		06/02/25 07:00	06/03/25 17:04	1

Client Sample ID: SW-2

Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-2

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	*+	9.84	0.187	ug/L		06/02/25 07:00	06/03/25 17:04	1
Pentachlorophenol	ND	*+	9.84	2.75	ug/L		06/02/25 07:00	06/03/25 17:04	1
Phenanthrene	ND	*+	9.84	0.728	ug/L		06/02/25 07:00	06/03/25 17:04	1
Phenol	ND	*+	9.84	0.669	ug/L		06/02/25 07:00	06/03/25 17:04	1
Pyrene	ND	*+	9.84	0.620	ug/L		06/02/25 07:00	06/03/25 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*	*06/02/25 07:00*	*06/03/25 17:04*	*1*
2-Fluorobiphenyl (Surr)	*101*		*25 - 139*	*06/02/25 07:00*	*06/03/25 17:04*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 150*	*06/02/25 07:00*	*06/03/25 17:04*	*1*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*	*06/02/25 07:00*	*06/03/25 17:04*	*1*
Phenol-d5 (Surr)	*82*		*10 - 150*	*06/02/25 07:00*	*06/03/25 17:04*	*1*
Terphenyl-d14 (Surr)	*77*		*28 - 150*	*06/02/25 07:00*	*06/03/25 17:04*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.604**		0.100	0.0630	mg/L			05/29/25 19:23	1
Sulfate	**5.46**		1.00	0.390	mg/L			05/29/25 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.485**	**J**	5.00	0.340	ug/L		06/02/25 05:25	06/02/25 14:31	1
Arsenic	**1.06**	**J**	3.00	0.860	ug/L		06/02/25 05:25	06/02/25 14:31	1
Barium	**23.4**		5.00	0.890	ug/L		06/02/25 05:25	06/02/25 14:31	1
Beryllium	ND		0.500	0.200	ug/L		06/02/25 05:25	06/02/25 14:31	1
Cadmium	ND		0.500	0.0780	ug/L		06/02/25 05:25	06/02/25 14:31	1
Chromium	**1.27**	**J**	5.00	1.20	ug/L		06/02/25 05:25	06/02/25 14:31	1
Cobalt	**0.915**		0.500	0.220	ug/L		06/02/25 05:25	06/02/25 14:31	1
Copper	**13.0**		5.00	1.08	ug/L		06/02/25 05:25	06/02/25 14:31	1
Lead	**3.69**		2.50	0.210	ug/L		06/02/25 05:25	06/02/25 14:31	1
Manganese	**29.8**		5.00	2.20	ug/L		06/02/25 05:25	06/02/25 14:31	1
Nickel	**2.69**	**J**	5.00	0.420	ug/L		06/02/25 05:25	06/02/25 14:31	1
Selenium	ND		2.50	0.990	ug/L		06/02/25 05:25	06/02/25 14:31	1
Silver	ND		1.00	0.390	ug/L		06/02/25 05:25	06/02/25 14:31	1
Thallium	ND		1.00	0.260	ug/L		06/02/25 05:25	06/02/25 14:31	1
Vanadium	**2.39**	**J**	10.0	0.630	ug/L		06/02/25 05:25	06/02/25 14:31	1
Zinc	**26.7**		20.0	2.80	ug/L		06/02/25 05:25	06/02/25 14:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/05/25 11:33	06/05/25 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0460	mg/L			06/04/25 12:15	1

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

Job ID: 400-276738-1

Client Sample ID: SW-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-3
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			06/06/25 17:01	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 17:01	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 17:01	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 17:01	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 17:01	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 17:01	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 17:01	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 17:01	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 17:01	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 17:01	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 17:01	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 17:01	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 17:01	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 17:01	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 17:01	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 17:01	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 17:01	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 17:01	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 17:01	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 17:01	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 17:01	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 17:01	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 17:01	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 17:01	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 17:01	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 17:01	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 17:01	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 17:01	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 17:01	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 17:01	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 17:01	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 17:01	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 17:01	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 17:01	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 17:01	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 17:01	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 17:01	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 17:01	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 17:01	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 17:01	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 17:01	1

Client Sample ID: SW-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-3
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			06/06/25 17:01	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 17:01	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 17:01	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 17:01	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 17:01	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 17:01	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 17:01	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 17:01	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 17:01	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 17:01	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 17:01	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 17:01	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 17:01	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 17:01	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 17:01	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 17:01	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 17:01	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 17:01	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 17:01	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 17:01	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 17:01	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*56 - 136*		*06/06/25 17:01*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*06/06/25 17:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*06/06/25 17:01*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*06/06/25 17:01*	*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		0.292	0.292	ug/L		06/03/25 07:00	06/09/25 20:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*06/03/25 07:00*	*06/09/25 20:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,4,5-Trichlorophenol	ND	*+	10.1	0.545	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,4,6-Trichlorophenol	ND	*+	10.1	1.10	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,4-Dichlorophenol	ND	*+	10.1	0.576	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,4-Dinitrotoluene	ND	*+	10.1	0.657	ug/L		06/02/25 07:00	06/03/25 17:35	1
2,6-Dinitrotoluene	ND	*+	10.1	0.293	ug/L		06/02/25 07:00	06/03/25 17:35	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		06/02/25 07:00	06/03/25 17:35	1
2-Chlorophenol	ND	*+	10.1	0.848	ug/L		06/02/25 07:00	06/03/25 17:35	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		06/02/25 07:00	06/03/25 17:35	1

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

Job ID: 400-276738-1

Client Sample ID: SW-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	10.1	0.768	ug/L		06/02/25 07:00	06/03/25 17:35	1
2-Nitroaniline	ND	*+	10.1	1.38	ug/L		06/02/25 07:00	06/03/25 17:35	1
2-Nitrophenol	ND	*+	10.1	1.18	ug/L		06/02/25 07:00	06/03/25 17:35	1
3 & 4 Methylphenol	ND	*+	20.2	4.65	ug/L		06/02/25 07:00	06/03/25 17:35	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		06/02/25 07:00	06/03/25 17:35	1
3-Nitroaniline	ND	*+	10.1	0.960	ug/L		06/02/25 07:00	06/03/25 17:35	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		06/02/25 07:00	06/03/25 17:35	1
4-Bromophenyl phenyl ether	ND	*+	10.1	0.131	ug/L		06/02/25 07:00	06/03/25 17:35	1
4-Chloro-3-methylphenol	ND	*+	10.1	0.737	ug/L		06/02/25 07:00	06/03/25 17:35	1
4-Chloroaniline	ND		10.1	0.283	ug/L		06/02/25 07:00	06/03/25 17:35	1
4-Chlorophenyl phenyl ether	ND	*+	10.1	0.242	ug/L		06/02/25 07:00	06/03/25 17:35	1
4-Nitroaniline	ND	*+	10.1	3.54	ug/L		06/02/25 07:00	06/03/25 17:35	1
4-Nitrophenol	ND	*+	10.1	2.77	ug/L		06/02/25 07:00	06/03/25 17:35	1
Acenaphthene	ND	*+	10.1	0.636	ug/L		06/02/25 07:00	06/03/25 17:35	1
Acenaphthylene	ND	*+	10.1	0.768	ug/L		06/02/25 07:00	06/03/25 17:35	1
Acetophenone	ND	*+	10.1	3.23	ug/L		06/02/25 07:00	06/03/25 17:35	1
Anthracene	ND	*+	10.1	0.919	ug/L		06/02/25 07:00	06/03/25 17:35	1
Atrazine	ND		10.1	1.14	ug/L		06/02/25 07:00	06/03/25 17:35	1
Benzaldehyde	ND		10.1	0.677	ug/L		06/02/25 07:00	06/03/25 17:35	1
Benzo[a]anthracene	ND	*+	10.1	1.01	ug/L		06/02/25 07:00	06/03/25 17:35	1
Benzo[a]pyrene	ND	*+	10.1	1.11	ug/L		06/02/25 07:00	06/03/25 17:35	1
Benzo[b]fluoranthene	ND	*+	10.1	1.21	ug/L		06/02/25 07:00	06/03/25 17:35	1
Benzo[g,h,i]perylene	ND	*+	10.1	1.52	ug/L		06/02/25 07:00	06/03/25 17:35	1
Benzo[k]fluoranthene	ND	*+	10.1	1.52	ug/L		06/02/25 07:00	06/03/25 17:35	1
bis (2-chloroisopropyl) ether	ND	*+	10.1	0.939	ug/L		06/02/25 07:00	06/03/25 17:35	1
Bis(2-chloroethoxy)methane	ND	*+	10.1	0.343	ug/L		06/02/25 07:00	06/03/25 17:35	1
Bis(2-chloroethyl)ether	ND	*+	10.1	0.737	ug/L		06/02/25 07:00	06/03/25 17:35	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		06/02/25 07:00	06/03/25 17:35	1
Butyl benzyl phthalate	ND	*+	10.1	4.04	ug/L		06/02/25 07:00	06/03/25 17:35	1
Caprolactam	ND	*+	10.1	2.42	ug/L		06/02/25 07:00	06/03/25 17:35	1
Carbazole	ND	*+	10.1	0.323	ug/L		06/02/25 07:00	06/03/25 17:35	1
Chrysene	ND	*+	10.1	1.21	ug/L		06/02/25 07:00	06/03/25 17:35	1
Dibenz(a,h)anthracene	ND	*+	10.1	1.31	ug/L		06/02/25 07:00	06/03/25 17:35	1
Dibenzofuran	ND	*+	10.1	0.646	ug/L		06/02/25 07:00	06/03/25 17:35	1
Diethyl phthalate	ND	*+	10.1	4.04	ug/L		06/02/25 07:00	06/03/25 17:35	1
Dimethyl phthalate	ND	*+	10.1	4.04	ug/L		06/02/25 07:00	06/03/25 17:35	1
Di-n-butyl phthalate	ND	*+	10.1	4.04	ug/L		06/02/25 07:00	06/03/25 17:35	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		06/02/25 07:00	06/03/25 17:35	1
Fluoranthene	ND	*+	10.1	0.636	ug/L		06/02/25 07:00	06/03/25 17:35	1
Fluorene	ND	*+	10.1	0.677	ug/L		06/02/25 07:00	06/03/25 17:35	1
Hexachlorobenzene	ND	*+	10.1	0.253	ug/L		06/02/25 07:00	06/03/25 17:35	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		06/02/25 07:00	06/03/25 17:35	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		06/02/25 07:00	06/03/25 17:35	1
Hexachloroethane	ND		10.1	0.535	ug/L		06/02/25 07:00	06/03/25 17:35	1
Indeno[1,2,3-cd]pyrene	ND	*+	10.1	1.11	ug/L		06/02/25 07:00	06/03/25 17:35	1
Isophorone	ND	*+	10.1	0.808	ug/L		06/02/25 07:00	06/03/25 17:35	1
Naphthalene	ND		10.1	0.758	ug/L		06/02/25 07:00	06/03/25 17:35	1
Nitrobenzene	ND	*+	10.1	0.606	ug/L		06/02/25 07:00	06/03/25 17:35	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		06/02/25 07:00	06/03/25 17:35	1

Client Sample ID: SW-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	*+	10.1	0.192	ug/L		06/02/25 07:00	06/03/25 17:35	1
Pentachlorophenol	ND	*+	10.1	2.83	ug/L		06/02/25 07:00	06/03/25 17:35	1
Phenanthrene	ND	*+	10.1	0.747	ug/L		06/02/25 07:00	06/03/25 17:35	1
Phenol	ND	*+	10.1	0.687	ug/L		06/02/25 07:00	06/03/25 17:35	1
Pyrene	ND	*+	10.1	0.636	ug/L		06/02/25 07:00	06/03/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*138*		*10 - 150*	*06/02/25 07:00*	*06/03/25 17:35*	*1*
2-Fluorobiphenyl (Surr)	*121*		*25 - 139*	*06/02/25 07:00*	*06/03/25 17:35*	*1*
2-Fluorophenol (Surr)	*110*		*10 - 150*	*06/02/25 07:00*	*06/03/25 17:35*	*1*
Nitrobenzene-d5 (Surr)	*134*		*22 - 150*	*06/02/25 07:00*	*06/03/25 17:35*	*1*
Phenol-d5 (Surr)	*100*		*10 - 150*	*06/02/25 07:00*	*06/03/25 17:35*	*1*
Terphenyl-d14 (Surr)	*102*		*28 - 150*	*06/02/25 07:00*	*06/03/25 17:35*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.563**		0.100	0.0630	mg/L			05/29/25 19:32	1
Sulfate	**5.60**		1.00	0.390	mg/L			05/29/25 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.475**	**J**	5.00	0.340	ug/L		06/02/25 05:25	06/02/25 14:34	1
Arsenic	**0.915**	**J**	3.00	0.860	ug/L		06/02/25 05:25	06/02/25 14:34	1
Barium	**24.1**		5.00	0.890	ug/L		06/02/25 05:25	06/02/25 14:34	1
Beryllium	ND		0.500	0.200	ug/L		06/02/25 05:25	06/02/25 14:34	1
Cadmium	ND		0.500	0.0780	ug/L		06/02/25 05:25	06/02/25 14:34	1
Chromium	ND		5.00	1.20	ug/L		06/02/25 05:25	06/02/25 14:34	1
Cobalt	**0.555**		0.500	0.220	ug/L		06/02/25 05:25	06/02/25 14:34	1
Copper	**12.6**		5.00	1.08	ug/L		06/02/25 05:25	06/02/25 14:34	1
Lead	**3.66**		2.50	0.210	ug/L		06/02/25 05:25	06/02/25 14:34	1
Manganese	**25.6**		5.00	2.20	ug/L		06/02/25 05:25	06/02/25 14:34	1
Nickel	**2.03**	**J**	5.00	0.420	ug/L		06/02/25 05:25	06/02/25 14:34	1
Selenium	ND		2.50	0.990	ug/L		06/02/25 05:25	06/02/25 14:34	1
Silver	ND		1.00	0.390	ug/L		06/02/25 05:25	06/02/25 14:34	1
Thallium	ND		1.00	0.260	ug/L		06/02/25 05:25	06/02/25 14:34	1
Vanadium	**2.18**	**J**	10.0	0.630	ug/L		06/02/25 05:25	06/02/25 14:34	1
Zinc	**25.7**		20.0	2.80	ug/L		06/02/25 05:25	06/02/25 14:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/02/25 11:05	06/02/25 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0460	mg/L			06/05/25 13:32	1

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

Job ID: 400-276738-1

Client Sample ID: DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-4
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			06/06/25 17:26	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 17:26	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 17:26	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 17:26	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 17:26	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 17:26	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 17:26	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 17:26	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 17:26	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 17:26	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 17:26	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 17:26	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 17:26	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 17:26	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 17:26	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 17:26	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 17:26	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 17:26	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 17:26	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 17:26	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 17:26	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 17:26	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 17:26	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 17:26	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 17:26	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 17:26	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 17:26	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 17:26	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 17:26	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 17:26	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 17:26	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 17:26	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 17:26	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 17:26	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 17:26	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 17:26	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 17:26	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 17:26	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 17:26	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 17:26	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 17:26	1

Client Sample ID: DUP
Lab Sample ID: 400-276738-4

Date Collected: 05/28/25 13:50
Matrix: Water

Date Received: 05/29/25 09:45

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			06/06/25 17:26	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 17:26	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 17:26	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 17:26	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 17:26	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 17:26	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 17:26	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 17:26	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 17:26	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 17:26	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 17:26	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 17:26	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 17:26	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 17:26	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 17:26	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 17:26	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 17:26	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 17:26	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 17:26	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 17:26	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 17:26	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*56 - 136*		*06/06/25 17:26*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*06/06/25 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*06/06/25 17:26*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*06/06/25 17:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		06/03/25 07:00	06/09/25 21:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*06/03/25 07:00*	*06/09/25 21:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.80	0.412	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,4,5-Trichlorophenol	ND	*+	9.80	0.529	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,4,6-Trichlorophenol	ND	*+	9.80	1.07	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,4-Dichlorophenol	ND	*+	9.80	0.559	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,4-Dinitrotoluene	ND	*+	9.80	0.637	ug/L		06/02/25 07:00	06/03/25 18:06	1
2,6-Dinitrotoluene	ND	*+	9.80	0.284	ug/L		06/02/25 07:00	06/03/25 18:06	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		06/02/25 07:00	06/03/25 18:06	1
2-Chlorophenol	ND	*+	9.80	0.824	ug/L		06/02/25 07:00	06/03/25 18:06	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		06/02/25 07:00	06/03/25 18:06	1

Client: S&ME Inc
Job ID: 400-276738-1
Project/Site: Walltown Park

Client Sample ID: DUP
Lab Sample ID: 400-276738-4
Date Collected: 05/28/25 13:50
Matrix: Water
Date Received: 05/29/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	9.80	0.745	ug/L		06/02/25 07:00	06/03/25 18:06	1
2-Nitroaniline	ND	*+	9.80	1.34	ug/L		06/02/25 07:00	06/03/25 18:06	1
2-Nitrophenol	ND	*+	9.80	1.15	ug/L		06/02/25 07:00	06/03/25 18:06	1
3 & 4 Methylphenol	ND	*+	19.6	4.51	ug/L		06/02/25 07:00	06/03/25 18:06	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		06/02/25 07:00	06/03/25 18:06	1
3-Nitroaniline	ND	*+	9.80	0.931	ug/L		06/02/25 07:00	06/03/25 18:06	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		06/02/25 07:00	06/03/25 18:06	1
4-Bromophenyl phenyl ether	ND	*+	9.80	0.127	ug/L		06/02/25 07:00	06/03/25 18:06	1
4-Chloro-3-methylphenol	ND	*+	9.80	0.716	ug/L		06/02/25 07:00	06/03/25 18:06	1
4-Chloroaniline	ND		9.80	0.275	ug/L		06/02/25 07:00	06/03/25 18:06	1
4-Chlorophenyl phenyl ether	ND	*+	9.80	0.235	ug/L		06/02/25 07:00	06/03/25 18:06	1
4-Nitroaniline	ND	*+	9.80	3.43	ug/L		06/02/25 07:00	06/03/25 18:06	1
4-Nitrophenol	ND	*+	9.80	2.69	ug/L		06/02/25 07:00	06/03/25 18:06	1
Acenaphthene	ND	*+	9.80	0.618	ug/L		06/02/25 07:00	06/03/25 18:06	1
Acenaphthylene	ND	*+	9.80	0.745	ug/L		06/02/25 07:00	06/03/25 18:06	1
Acetophenone	ND	*+	9.80	3.14	ug/L		06/02/25 07:00	06/03/25 18:06	1
Anthracene	ND	*+	9.80	0.892	ug/L		06/02/25 07:00	06/03/25 18:06	1
Atrazine	ND		9.80	1.11	ug/L		06/02/25 07:00	06/03/25 18:06	1
Benzaldehyde	ND		9.80	0.657	ug/L		06/02/25 07:00	06/03/25 18:06	1
Benzo[a]anthracene	ND	*+	9.80	0.980	ug/L		06/02/25 07:00	06/03/25 18:06	1
Benzo[a]pyrene	ND	*+	9.80	1.08	ug/L		06/02/25 07:00	06/03/25 18:06	1
Benzo[b]fluoranthene	ND	*+	9.80	1.18	ug/L		06/02/25 07:00	06/03/25 18:06	1
Benzo[g,h,i]perylene	ND	*+	9.80	1.47	ug/L		06/02/25 07:00	06/03/25 18:06	1
Benzo[k]fluoranthene	ND	*+	9.80	1.47	ug/L		06/02/25 07:00	06/03/25 18:06	1
bis (2-chloroisopropyl) ether	ND	*+	9.80	0.912	ug/L		06/02/25 07:00	06/03/25 18:06	1
Bis(2-chloroethoxy)methane	ND	*+	9.80	0.333	ug/L		06/02/25 07:00	06/03/25 18:06	1
Bis(2-chloroethyl)ether	ND	*+	9.80	0.716	ug/L		06/02/25 07:00	06/03/25 18:06	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		06/02/25 07:00	06/03/25 18:06	1
Butyl benzyl phthalate	ND	*+	9.80	3.92	ug/L		06/02/25 07:00	06/03/25 18:06	1
Caprolactam	ND	*+	9.80	2.35	ug/L		06/02/25 07:00	06/03/25 18:06	1
Carbazole	ND	*+	9.80	0.314	ug/L		06/02/25 07:00	06/03/25 18:06	1
Chrysene	ND	*+	9.80	1.18	ug/L		06/02/25 07:00	06/03/25 18:06	1
Dibenz(a,h)anthracene	ND	*+	9.80	1.27	ug/L		06/02/25 07:00	06/03/25 18:06	1
Dibenzofuran	ND	*+	9.80	0.627	ug/L		06/02/25 07:00	06/03/25 18:06	1
Diethyl phthalate	ND	*+	9.80	3.92	ug/L		06/02/25 07:00	06/03/25 18:06	1
Dimethyl phthalate	ND	*+	9.80	3.92	ug/L		06/02/25 07:00	06/03/25 18:06	1
Di-n-butyl phthalate	ND	*+	9.80	3.92	ug/L		06/02/25 07:00	06/03/25 18:06	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		06/02/25 07:00	06/03/25 18:06	1
Fluoranthene	ND	*+	9.80	0.618	ug/L		06/02/25 07:00	06/03/25 18:06	1
Fluorene	ND	*+	9.80	0.657	ug/L		06/02/25 07:00	06/03/25 18:06	1
Hexachlorobenzene	ND	*+	9.80	0.245	ug/L		06/02/25 07:00	06/03/25 18:06	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		06/02/25 07:00	06/03/25 18:06	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		06/02/25 07:00	06/03/25 18:06	1
Hexachloroethane	ND		9.80	0.520	ug/L		06/02/25 07:00	06/03/25 18:06	1
Indeno[1,2,3-cd]pyrene	ND	*+	9.80	1.08	ug/L		06/02/25 07:00	06/03/25 18:06	1
Isophorone	ND	*+	9.80	0.784	ug/L		06/02/25 07:00	06/03/25 18:06	1
Naphthalene	ND		9.80	0.735	ug/L		06/02/25 07:00	06/03/25 18:06	1
Nitrobenzene	ND	*+	9.80	0.588	ug/L		06/02/25 07:00	06/03/25 18:06	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		06/02/25 07:00	06/03/25 18:06	1

Client Sample ID: DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-4
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	*+	9.80	0.186	ug/L		06/02/25 07:00	06/03/25 18:06	1
Pentachlorophenol	ND	*+	9.80	2.75	ug/L		06/02/25 07:00	06/03/25 18:06	1
Phenanthrene	ND	*+	9.80	0.725	ug/L		06/02/25 07:00	06/03/25 18:06	1
Phenol	ND	*+	9.80	0.667	ug/L		06/02/25 07:00	06/03/25 18:06	1
Pyrene	ND	*+	9.80	0.618	ug/L		06/02/25 07:00	06/03/25 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*140*		*10 - 150*	*06/02/25 07:00*	*06/03/25 18:06*	*1*
2-Fluorobiphenyl (Surr)	*133*		*25 - 139*	*06/02/25 07:00*	*06/03/25 18:06*	*1*
2-Fluorophenol (Surr)	*135*		*10 - 150*	*06/02/25 07:00*	*06/03/25 18:06*	*1*
Nitrobenzene-d5 (Surr)	*144*		*22 - 150*	*06/02/25 07:00*	*06/03/25 18:06*	*1*
Phenol-d5 (Surr)	*140*		*10 - 150*	*06/02/25 07:00*	*06/03/25 18:06*	*1*
Terphenyl-d14 (Surr)	*108*		*28 - 150*	*06/02/25 07:00*	*06/03/25 18:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.514**		0.100	0.0630	mg/L			05/29/25 19:40	1
Sulfate	**5.47**		1.00	0.390	mg/L			05/29/25 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.450**	**J**	5.00	0.340	ug/L		06/02/25 05:25	06/02/25 14:37	1
Arsenic	ND		3.00	0.860	ug/L		06/02/25 05:25	06/02/25 14:37	1
Barium	**21.1**		5.00	0.890	ug/L		06/02/25 05:25	06/02/25 14:37	1
Beryllium	ND		0.500	0.200	ug/L		06/02/25 05:25	06/02/25 14:37	1
Cadmium	ND		0.500	0.0780	ug/L		06/02/25 05:25	06/02/25 14:37	1
Chromium	ND		5.00	1.20	ug/L		06/02/25 05:25	06/02/25 14:37	1
Cobalt	**0.395**	**J**	0.500	0.220	ug/L		06/02/25 05:25	06/02/25 14:37	1
Copper	**11.2**		5.00	1.08	ug/L		06/02/25 05:25	06/02/25 14:37	1
Lead	**2.76**		2.50	0.210	ug/L		06/02/25 05:25	06/02/25 14:37	1
Manganese	**18.3**		5.00	2.20	ug/L		06/02/25 05:25	06/02/25 14:37	1
Nickel	**1.78**	**J**	5.00	0.420	ug/L		06/02/25 05:25	06/02/25 14:37	1
Selenium	ND		2.50	0.990	ug/L		06/02/25 05:25	06/02/25 14:37	1
Silver	ND		1.00	0.390	ug/L		06/02/25 05:25	06/02/25 14:37	1
Thallium	ND		1.00	0.260	ug/L		06/02/25 05:25	06/02/25 14:37	1
Vanadium	**1.67**	**J**	10.0	0.630	ug/L		06/02/25 05:25	06/02/25 14:37	1
Zinc	**20.7**		20.0	2.80	ug/L		06/02/25 05:25	06/02/25 14:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/02/25 11:05	06/02/25 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0460	mg/L			06/04/25 12:20	1

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

Job ID: 400-276738-1

Client Sample ID: SW-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-5
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			06/06/25 17:52	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 17:52	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 17:52	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 17:52	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 17:52	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 17:52	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 17:52	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 17:52	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 17:52	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 17:52	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 17:52	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 17:52	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 17:52	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 17:52	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 17:52	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 17:52	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 17:52	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 17:52	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 17:52	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 17:52	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 17:52	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 17:52	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 17:52	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 17:52	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 17:52	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 17:52	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 17:52	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 17:52	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 17:52	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 17:52	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 17:52	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 17:52	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 17:52	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 17:52	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 17:52	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 17:52	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 17:52	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 17:52	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 17:52	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 17:52	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 17:52	1

Client Sample ID: SW-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-5
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			06/06/25 17:52	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 17:52	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 17:52	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 17:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 17:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 17:52	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 17:52	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 17:52	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 17:52	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 17:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 17:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 17:52	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 17:52	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 17:52	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 17:52	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 17:52	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 17:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 17:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 17:52	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 17:52	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 17:52	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*56 - 136*		*06/06/25 17:52*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*06/06/25 17:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*06/06/25 17:52*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*06/06/25 17:52*	*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	ND		0.296	0.296	ug/L		06/03/25 07:00	06/09/25 21:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*06/03/25 07:00*	*06/09/25 21:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,4,5-Trichlorophenol	ND	*+	10.0	0.542	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,4,6-Trichlorophenol	ND	*+	10.0	1.09	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,4-Dichlorophenol	ND	*+	10.0	0.572	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,4-Dinitrotoluene	ND	*+	10.0	0.652	ug/L		06/02/25 07:00	06/03/25 18:38	1
2,6-Dinitrotoluene	ND	*+	10.0	0.291	ug/L		06/02/25 07:00	06/03/25 18:38	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		06/02/25 07:00	06/03/25 18:38	1
2-Chlorophenol	ND	*+	10.0	0.843	ug/L		06/02/25 07:00	06/03/25 18:38	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		06/02/25 07:00	06/03/25 18:38	1

Client: S&ME Inc
Job ID: 400-276738-1
Project/Site: Walltown Park

Client Sample ID: SW-5
Lab Sample ID: 400-276738-5
Date Collected: 05/28/25 15:15
Matrix: Water
Date Received: 05/29/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	10.0	0.763	ug/L		06/02/25 07:00	06/03/25 18:38	1
2-Nitroaniline	ND	*+	10.0	1.37	ug/L		06/02/25 07:00	06/03/25 18:38	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		06/02/25 07:00	06/03/25 18:38	1
3 & 4 Methylphenol	ND	*+	20.1	4.62	ug/L		06/02/25 07:00	06/03/25 18:38	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		06/02/25 07:00	06/03/25 18:38	1
3-Nitroaniline	ND	*+	10.0	0.953	ug/L		06/02/25 07:00	06/03/25 18:38	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		06/02/25 07:00	06/03/25 18:38	1
4-Bromophenyl phenyl ether	ND	*+	10.0	0.130	ug/L		06/02/25 07:00	06/03/25 18:38	1
4-Chloro-3-methylphenol	ND	*+	10.0	0.732	ug/L		06/02/25 07:00	06/03/25 18:38	1
4-Chloroaniline	ND		10.0	0.281	ug/L		06/02/25 07:00	06/03/25 18:38	1
4-Chlorophenyl phenyl ether	ND	*+	10.0	0.241	ug/L		06/02/25 07:00	06/03/25 18:38	1
4-Nitroaniline	ND	*+	10.0	3.51	ug/L		06/02/25 07:00	06/03/25 18:38	1
4-Nitrophenol	ND	*+	10.0	2.75	ug/L		06/02/25 07:00	06/03/25 18:38	1
Acenaphthene	ND	*+	10.0	0.632	ug/L		06/02/25 07:00	06/03/25 18:38	1
Acenaphthylene	ND	*+	10.0	0.763	ug/L		06/02/25 07:00	06/03/25 18:38	1
Acetophenone	ND	*+	10.0	3.21	ug/L		06/02/25 07:00	06/03/25 18:38	1
Anthracene	ND	*+	10.0	0.913	ug/L		06/02/25 07:00	06/03/25 18:38	1
Atrazine	ND		10.0	1.13	ug/L		06/02/25 07:00	06/03/25 18:38	1
Benzaldehyde	ND		10.0	0.672	ug/L		06/02/25 07:00	06/03/25 18:38	1
Benzo[a]anthracene	ND	*+	10.0	1.00	ug/L		06/02/25 07:00	06/03/25 18:38	1
Benzo[a]pyrene	ND	*+	10.0	1.10	ug/L		06/02/25 07:00	06/03/25 18:38	1
Benzo[b]fluoranthene	ND	*+	10.0	1.20	ug/L		06/02/25 07:00	06/03/25 18:38	1
Benzo[g,h,i]perylene	ND	*+	10.0	1.51	ug/L		06/02/25 07:00	06/03/25 18:38	1
Benzo[k]fluoranthene	ND	*+	10.0	1.51	ug/L		06/02/25 07:00	06/03/25 18:38	1
bis (2-chloroisopropyl) ether	ND	*+	10.0	0.933	ug/L		06/02/25 07:00	06/03/25 18:38	1
Bis(2-chloroethoxy)methane	ND	*+	10.0	0.341	ug/L		06/02/25 07:00	06/03/25 18:38	1
Bis(2-chloroethyl)ether	ND	*+	10.0	0.732	ug/L		06/02/25 07:00	06/03/25 18:38	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		06/02/25 07:00	06/03/25 18:38	1
Butyl benzyl phthalate	ND	*+	10.0	4.01	ug/L		06/02/25 07:00	06/03/25 18:38	1
Caprolactam	ND	*+	10.0	2.41	ug/L		06/02/25 07:00	06/03/25 18:38	1
Carbazole	ND	*+	10.0	0.321	ug/L		06/02/25 07:00	06/03/25 18:38	1
Chrysene	ND	*+	10.0	1.20	ug/L		06/02/25 07:00	06/03/25 18:38	1
Dibenz(a,h)anthracene	ND	*+	10.0	1.30	ug/L		06/02/25 07:00	06/03/25 18:38	1
Dibenzofuran	ND	*+	10.0	0.642	ug/L		06/02/25 07:00	06/03/25 18:38	1
Diethyl phthalate	ND	*+	10.0	4.01	ug/L		06/02/25 07:00	06/03/25 18:38	1
Dimethyl phthalate	ND	*+	10.0	4.01	ug/L		06/02/25 07:00	06/03/25 18:38	1
Di-n-butyl phthalate	ND	*+	10.0	4.01	ug/L		06/02/25 07:00	06/03/25 18:38	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		06/02/25 07:00	06/03/25 18:38	1
Fluoranthene	ND	*+	10.0	0.632	ug/L		06/02/25 07:00	06/03/25 18:38	1
Fluorene	ND	*+	10.0	0.672	ug/L		06/02/25 07:00	06/03/25 18:38	1
Hexachlorobenzene	ND	*+	10.0	0.251	ug/L		06/02/25 07:00	06/03/25 18:38	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		06/02/25 07:00	06/03/25 18:38	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		06/02/25 07:00	06/03/25 18:38	1
Hexachloroethane	ND		10.0	0.532	ug/L		06/02/25 07:00	06/03/25 18:38	1
Indeno[1,2,3-cd]pyrene	ND	*+	10.0	1.10	ug/L		06/02/25 07:00	06/03/25 18:38	1
Isophorone	ND	*+	10.0	0.803	ug/L		06/02/25 07:00	06/03/25 18:38	1
Naphthalene	ND		10.0	0.753	ug/L		06/02/25 07:00	06/03/25 18:38	1
Nitrobenzene	ND	*+	10.0	0.602	ug/L		06/02/25 07:00	06/03/25 18:38	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		06/02/25 07:00	06/03/25 18:38	1

Client Sample ID: SW-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	*+	10.0	0.191	ug/L		06/02/25 07:00	06/03/25 18:38	1
Pentachlorophenol	ND	*+	10.0	2.81	ug/L		06/02/25 07:00	06/03/25 18:38	1
Phenanthrene	ND	*+	10.0	0.742	ug/L		06/02/25 07:00	06/03/25 18:38	1
Phenol	ND	*+	10.0	0.682	ug/L		06/02/25 07:00	06/03/25 18:38	1
Pyrene	ND	*+	10.0	0.632	ug/L		06/02/25 07:00	06/03/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*132*		*10 - 150*	*06/02/25 07:00*	*06/03/25 18:38*	*1*
2-Fluorobiphenyl (Surr)	*131*		*25 - 139*	*06/02/25 07:00*	*06/03/25 18:38*	*1*
2-Fluorophenol (Surr)	*146*		*10 - 150*	*06/02/25 07:00*	*06/03/25 18:38*	*1*
Nitrobenzene-d5 (Surr)	*140*		*22 - 150*	*06/02/25 07:00*	*06/03/25 18:38*	*1*
Phenol-d5 (Surr)	*158*	*S1+*	*10 - 150*	*06/02/25 07:00*	*06/03/25 18:38*	*1*
Terphenyl-d14 (Surr)	*105*		*28 - 150*	*06/02/25 07:00*	*06/03/25 18:38*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.481**		0.100	0.0630	mg/L			05/29/25 19:49	1
Sulfate	**5.26**		1.00	0.390	mg/L			05/29/25 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.455**	**J**	5.00	0.340	ug/L		06/02/25 05:25	06/02/25 14:21	1
Arsenic	**1.14**	**J**	3.00	0.860	ug/L		06/02/25 05:25	06/02/25 14:21	1
Barium	**23.7**		5.00	0.890	ug/L		06/02/25 05:25	06/02/25 14:21	1
Beryllium	ND		0.500	0.200	ug/L		06/02/25 05:25	06/02/25 14:21	1
Cadmium	ND		0.500	0.0780	ug/L		06/02/25 05:25	06/02/25 14:21	1
Chromium	**1.22**	**J**	5.00	1.20	ug/L		06/02/25 05:25	06/02/25 14:21	1
Cobalt	**0.365**	**J**	0.500	0.220	ug/L		06/02/25 05:25	06/02/25 14:21	1
Copper	**12.3**		5.00	1.08	ug/L		06/02/25 05:25	06/02/25 14:21	1
Lead	**5.09**		2.50	0.210	ug/L		06/02/25 05:25	06/02/25 14:21	1
Manganese	**19.0**		5.00	2.20	ug/L		06/02/25 05:25	06/02/25 14:21	1
Nickel	**1.82**	**J**	5.00	0.420	ug/L		06/02/25 05:25	06/02/25 14:21	1
Selenium	ND		2.50	0.990	ug/L		06/02/25 05:25	06/02/25 14:21	1
Silver	ND		1.00	0.390	ug/L		06/02/25 05:25	06/02/25 14:21	1
Thallium	ND		1.00	0.260	ug/L		06/02/25 05:25	06/02/25 14:21	1
Vanadium	**1.78**	**J**	10.0	0.630	ug/L		06/02/25 05:25	06/02/25 14:21	1
Zinc	**24.4**		20.0	2.80	ug/L		06/02/25 05:25	06/02/25 14:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/02/25 11:05	06/02/25 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0460	mg/L			06/04/25 12:07	1

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

Job ID: 400-276738-1

Client Sample ID: Trip Blank
Date Collected: 05/28/25 00:00
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276738-6
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			06/06/25 18:17	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 18:17	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 18:17	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 18:17	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 18:17	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 18:17	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 18:17	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 18:17	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 18:17	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 18:17	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 18:17	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 18:17	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 18:17	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 18:17	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 18:17	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 18:17	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 18:17	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 18:17	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 18:17	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 18:17	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 18:17	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 18:17	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 18:17	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 18:17	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 18:17	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 18:17	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 18:17	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 18:17	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 18:17	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 18:17	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 18:17	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 18:17	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 18:17	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 18:17	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 18:17	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 18:17	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 18:17	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 18:17	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 18:17	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 18:17	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/06/25 18:17	1

Client Sample ID: Trip Blank
Lab Sample ID: 400-276738-6
Date Collected: 05/28/25 00:00
Matrix: Water
Date Received: 05/29/25 09:45

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			06/06/25 18:17	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 18:17	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 18:17	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 18:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 18:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 18:17	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 18:17	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 18:17	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 18:17	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 18:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 18:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 18:17	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 18:17	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 18:17	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 18:17	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 18:17	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 18:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 18:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 18:17	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 18:17	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 18:17	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/06/25 18:17*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*06/06/25 18:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*06/06/25 18:17*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*06/06/25 18:17*	*1*

Definitions/Glossary

Client: S&ME Inc
Job ID: 400-276738-1
Project/Site: Walltown Park

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

General Chemistry

Qualifier	Qualifier Description
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

Surrogate Summary

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

Job ID: 400-276738-1

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)
400-276738-1	SW-1	93	98	101	95
400-276738-2	SW-2	95	100	101	93
400-276738-3	SW-6	94	99	102	94
400-276738-4	DUP	93	99	102	95
400-276738-5	SW-5	90	101	104	95
400-276738-6	Trip Blank	92	100	102	94
LCS 400-711780/1002	Lab Control Sample	97	107	106	97
MB 400-711780/5	Method Blank	92	102	99	91

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)
400-276738-1	SW-1	131	124	140	136	153 S1+	83
400-276738-2	SW-2	81	101	81	108	82	77
400-276738-3	SW-6	138	121	110	134	100	102
400-276738-4	DUP	140	133	135	144	140	108
400-276738-5	SW-5	132	131	146	140	158 S1+	105
LCS 400-711159/2-A	Lab Control Sample	124	106	142	110	175 S1+	113
LCSD 400-711159/3-A	Lab Control Sample Dup	140	113	154 S1+	124	182 S1+	120
MB 400-711159/1-A	Method Blank	136	117	154 S1+	123	170 S1+	114

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)

GC/MS VOA

Analysis Batch: 711780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	8260D	
400-276738-2	SW-2	Total/NA	Water	8260D	
400-276738-3	SW-6	Total/NA	Water	8260D	
400-276738-4	DUP	Total/NA	Water	8260D	
400-276738-5	SW-5	Total/NA	Water	8260D	
400-276738-6	Trip Blank	Total/NA	Water	8260D	
MB 400-711780/5	Method Blank	Total/NA	Water	8260D	
LCS 400-711780/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 711159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	3511	
400-276738-2	SW-2	Total/NA	Water	3511	
400-276738-3	SW-6	Total/NA	Water	3511	
400-276738-4	DUP	Total/NA	Water	3511	
400-276738-5	SW-5	Total/NA	Water	3511	
MB 400-711159/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-711159/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-711159/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 711272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	8270E	711159
400-276738-2	SW-2	Total/NA	Water	8270E	711159
400-276738-3	SW-6	Total/NA	Water	8270E	711159
400-276738-4	DUP	Total/NA	Water	8270E	711159
400-276738-5	SW-5	Total/NA	Water	8270E	711159

Analysis Batch: 711278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-711159/1-A	Method Blank	Total/NA	Water	8270E	711159
LCS 400-711159/2-A	Lab Control Sample	Total/NA	Water	8270E	711159
LCSD 400-711159/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	711159

Prep Batch: 711305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	3510C	
400-276738-2	SW-2	Total/NA	Water	3510C	
400-276738-3	SW-6	Total/NA	Water	3510C	
400-276738-4	DUP	Total/NA	Water	3510C	
400-276738-5	SW-5	Total/NA	Water	3510C	
MB 400-711305/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-711305/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-711305/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 711465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-711159/2-A	Lab Control Sample	Total/NA	Water	8270E	711159
LCSD 400-711159/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	711159

GC/MS Semi VOA

Analysis Batch: 712106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	8270E SIM ID	711305
400-276738-2	SW-2	Total/NA	Water	8270E SIM ID	711305
400-276738-3	SW-6	Total/NA	Water	8270E SIM ID	711305
400-276738-4	DUP	Total/NA	Water	8270E SIM ID	711305
400-276738-5	SW-5	Total/NA	Water	8270E SIM ID	711305
MB 400-711305/1-A	Method Blank	Total/NA	Water	8270E SIM ID	711305
LCS 400-711305/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	711305
LCSD 400-711305/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	711305

HPLC/IC

Analysis Batch: 710851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	9056A	
400-276738-2	SW-2	Total/NA	Water	9056A	
400-276738-3	SW-6	Total/NA	Water	9056A	
400-276738-4	DUP	Total/NA	Water	9056A	
400-276738-5	SW-5	Total/NA	Water	9056A	
MB 400-710851/5	Method Blank	Total/NA	Water	9056A	
LCS 400-710851/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 400-710851/7	Lab Control Sample Dup	Total/NA	Water	9056A	

Analysis Batch: 710853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	9056A	
400-276738-2	SW-2	Total/NA	Water	9056A	
400-276738-3	SW-6	Total/NA	Water	9056A	
400-276738-4	DUP	Total/NA	Water	9056A	
400-276738-5	SW-5	Total/NA	Water	9056A	
MB 400-710853/5	Method Blank	Total/NA	Water	9056A	
LCS 400-710853/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 400-710853/7	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 883059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total Recoverable	Water	3005A	
400-276738-2	SW-2	Total Recoverable	Water	3005A	
400-276738-3	SW-6	Total Recoverable	Water	3005A	
400-276738-4	DUP	Total Recoverable	Water	3005A	
400-276738-5	SW-5	Total Recoverable	Water	3005A	
MB 680-883059/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-883059/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-276738-5 MS	SW-5	Total Recoverable	Water	3005A	
400-276738-5 MSD	SW-5	Total Recoverable	Water	3005A	

Prep Batch: 883081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	7470A	
400-276738-3	SW-6	Total/NA	Water	7470A	
400-276738-4	DUP	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 883081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-5	SW-5	Total/NA	Water	7470A	
MB 680-883081/12-A	Method Blank	Total/NA	Water	7470A	
LCS 680-883081/13-A	Lab Control Sample	Total/NA	Water	7470A	
400-276738-4 MS	DUP	Total/NA	Water	7470A	
400-276738-4 MSD	DUP	Total/NA	Water	7470A	

Analysis Batch: 883102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	7470A	883081
400-276738-3	SW-6	Total/NA	Water	7470A	883081
400-276738-4	DUP	Total/NA	Water	7470A	883081
400-276738-5	SW-5	Total/NA	Water	7470A	883081
MB 680-883081/12-A	Method Blank	Total/NA	Water	7470A	883081
LCS 680-883081/13-A	Lab Control Sample	Total/NA	Water	7470A	883081
400-276738-4 MS	DUP	Total/NA	Water	7470A	883081
400-276738-4 MSD	DUP	Total/NA	Water	7470A	883081

Analysis Batch: 883106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total Recoverable	Water	6020B	883059
400-276738-2	SW-2	Total Recoverable	Water	6020B	883059
400-276738-3	SW-6	Total Recoverable	Water	6020B	883059
400-276738-4	DUP	Total Recoverable	Water	6020B	883059
400-276738-5	SW-5	Total Recoverable	Water	6020B	883059
MB 680-883059/1-A	Method Blank	Total Recoverable	Water	6020B	883059
LCS 680-883059/2-A	Lab Control Sample	Total Recoverable	Water	6020B	883059
400-276738-5 MS	SW-5	Total Recoverable	Water	6020B	883059
400-276738-5 MSD	SW-5	Total Recoverable	Water	6020B	883059

Prep Batch: 883251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-2	SW-2	Total/NA	Water	7470A	
MB 680-883251/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-883251/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 883289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-2	SW-2	Total/NA	Water	7470A	883251
MB 680-883251/1-A	Method Blank	Total/NA	Water	7470A	883251
LCS 680-883251/2-A	Lab Control Sample	Total/NA	Water	7470A	883251

General Chemistry

Analysis Batch: 711559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-1	SW-1	Total/NA	Water	350.1	
400-276738-2	SW-2	Total/NA	Water	350.1	
400-276738-4	DUP	Total/NA	Water	350.1	
400-276738-5	SW-5	Total/NA	Water	350.1	
MB 400-711559/60	Method Blank	Total/NA	Water	350.1	
LCS 400-711559/61	Lab Control Sample	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 711559 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 400-711559/19	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 711721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276738-3	SW-6	Total/NA	Water	350.1	
MB 400-711721/23	Method Blank	Total/NA	Water	350.1	
MB 400-711721/61	Method Blank	Total/NA	Water	350.1	
LCS 400-711721/24	Lab Control Sample	Total/NA	Water	350.1	
LCS 400-711721/62	Lab Control Sample	Total/NA	Water	350.1	
MRL 400-711721/18	Lab Control Sample	Total/NA	Water	350.1	

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

Lab Sample ID: MB 400-711780/5
Matrix: Water
Analysis Batch: 711780

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			06/06/25 08:29	1
Benzene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Bromobenzene	ND		1.00	0.540	ug/L			06/06/25 08:29	1
Bromoform	ND		5.00	0.250	ug/L			06/06/25 08:29	1
Bromomethane	ND		1.00	0.980	ug/L			06/06/25 08:29	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/06/25 08:29	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/06/25 08:29	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/06/25 08:29	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/06/25 08:29	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/06/25 08:29	1
Chloroethane	ND		1.00	0.760	ug/L			06/06/25 08:29	1
Chloroform	ND		1.00	0.900	ug/L			06/06/25 08:29	1
Chloromethane	ND		1.00	0.400	ug/L			06/06/25 08:29	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/06/25 08:29	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/06/25 08:29	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/06/25 08:29	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/06/25 08:29	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/06/25 08:29	1
Dibromomethane	ND		5.00	0.220	ug/L			06/06/25 08:29	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/06/25 08:29	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/06/25 08:29	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/06/25 08:29	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/06/25 08:29	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/06/25 08:29	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/06/25 08:29	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/06/25 08:29	1
Hexane	ND		1.00	0.960	ug/L			06/06/25 08:29	1
2-Hexanone	ND		25.0	4.26	ug/L			06/06/25 08:29	1
Iodomethane	ND		1.00	0.900	ug/L			06/06/25 08:29	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/06/25 08:29	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/06/25 08:29	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/06/25 08:29	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/06/25 08:29	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/06/25 08:29	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/06/25 08:29	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/06/25 08:29	1
Naphthalene	ND		5.00	3.00	ug/L			06/06/25 08:29	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/06/25 08:29	1
n-Heptane	ND		1.00	0.210	ug/L			06/06/25 08:29	1

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

Lab Sample ID: MB 400-711780/5
Matrix: Water
Analysis Batch: 711780

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			06/06/25 08:29	1
o-Xylene	ND		5.00	3.00	ug/L			06/06/25 08:29	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/06/25 08:29	1
Styrene	ND		1.00	1.00	ug/L			06/06/25 08:29	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/06/25 08:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/06/25 08:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/06/25 08:29	1
Toluene	ND		1.00	0.900	ug/L			06/06/25 08:29	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/06/25 08:29	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/06/25 08:29	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/06/25 08:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/06/25 08:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/06/25 08:29	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/06/25 08:29	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/06/25 08:29	1
Trichloroethene	ND		1.00	0.150	ug/L			06/06/25 08:29	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/06/25 08:29	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/06/25 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/06/25 08:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/06/25 08:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/06/25 08:29	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/06/25 08:29	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/06/25 08:29	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/06/25 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/06/25 08:29*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*06/06/25 08:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 146*		*06/06/25 08:29*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*06/06/25 08:29*	*1*

Lab Sample ID: LCS 400-711780/1002
Matrix: Water
Analysis Batch: 711780

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	226.5		ug/L		113	43 - 150
Benzene	50.0	52.40		ug/L		105	70 - 130
Bromobenzene	50.0	47.19		ug/L		94	70 - 132
Bromoform	50.0	42.98		ug/L		86	57 - 140
Bromomethane	50.0	53.05		ug/L		106	10 - 150
2-Butanone (MEK)	200	229.3		ug/L		115	61 - 145
Carbon disulfide	50.0	46.08		ug/L		92	61 - 137
Carbon tetrachloride	50.0	54.94		ug/L		110	61 - 137
Chlorobenzene	50.0	48.68		ug/L		97	70 - 130
Chlorobromomethane	50.0	53.99		ug/L		108	70 - 130
Chlorodibromomethane	50.0	48.40		ug/L		97	67 - 135

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

Lab Sample ID: LCS 400-711780/1002
Matrix: Water
Analysis Batch: 711780

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	54.51		ug/L		109	55 - 141
Chloroform	50.0	53.33		ug/L		107	69 - 130
Chloromethane	50.0	49.92		ug/L		100	58 - 137
2-Chlorotoluene	50.0	46.00		ug/L		92	70 - 130
4-Chlorotoluene	50.0	46.46		ug/L		93	70 - 130
cis-1,2-Dichloroethene	50.0	52.32		ug/L		105	68 - 130
cis-1,3-Dichloropropene	50.0	53.95		ug/L		108	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.49		ug/L		85	54 - 135
Dibromomethane	50.0	53.36		ug/L		107	70 - 130
1,2-Dichlorobenzene	50.0	48.02		ug/L		96	67 - 130
1,3-Dichlorobenzene	50.0	47.44		ug/L		95	70 - 130
1,4-Dichlorobenzene	50.0	47.04		ug/L		94	70 - 130
Dichlorobromomethane	50.0	53.61		ug/L		107	67 - 133
1,1-Dichloroethane	50.0	53.13		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	54.17		ug/L		108	69 - 130
1,1-Dichloroethene	50.0	50.86		ug/L		102	63 - 134
1,2-Dichloropropane	50.0	53.18		ug/L		106	70 - 130
1,3-Dichloropropane	50.0	47.29		ug/L		95	70 - 130
2,2-Dichloropropane	50.0	50.18		ug/L		100	52 - 135
1,1-Dichloropropene	50.0	50.69		ug/L		101	70 - 130
Ethyl acetate	100	84.92		ug/L		85	34 - 150
Ethylbenzene	50.0	46.87		ug/L		94	70 - 130
Ethylene Dibromide	50.0	46.18		ug/L		92	70 - 130
Hexachlorobutadiene	50.0	45.99		ug/L		92	53 - 140
Hexane	50.0	51.85		ug/L		104	69 - 130
2-Hexanone	200	190.2		ug/L		95	65 - 137
Iodomethane	50.0	47.69		ug/L		95	27 - 150
Isopropylbenzene	50.0	47.07		ug/L		94	70 - 130
Isopropyl ether	50.0	57.46		ug/L		115	64 - 132
4-Isopropyltoluene	50.0	44.12		ug/L		88	65 - 130
Methylene Chloride	50.0	51.09		ug/L		102	66 - 135
4-Methyl-2-pentanone (MIBK)	200	206.1		ug/L		103	69 - 138
Methyl tert-butyl ether	50.0	50.53		ug/L		101	66 - 130
m-Xylene & p-Xylene	50.0	46.55		ug/L		93	70 - 130
Naphthalene	50.0	44.95		ug/L		90	47 - 149
n-Butylbenzene	50.0	45.38		ug/L		91	67 - 130
n-Heptane	50.0	48.48		ug/L		97	70 - 130
N-Propylbenzene	50.0	45.55		ug/L		91	70 - 130
o-Xylene	50.0	47.79		ug/L		96	70 - 130
sec-Butylbenzene	50.0	44.62		ug/L		89	66 - 130
Styrene	50.0	46.10		ug/L		92	70 - 130
tert-Butylbenzene	50.0	42.60		ug/L		85	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.80		ug/L		102	67 - 131
1,1,2,2-Tetrachloroethane	50.0	44.92		ug/L		90	70 - 131
Tetrachloroethene	50.0	47.25		ug/L		94	65 - 130
Toluene	50.0	46.69		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.05		ug/L		84	57 - 140
trans-1,2-Dichloroethene	50.0	51.62		ug/L		103	70 - 130
trans-1,3-Dichloropropene	50.0	47.36		ug/L		95	63 - 130

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

Lab Sample ID: LCS 400-711780/1002
Matrix: Water
Analysis Batch: 711780

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	47.70		ug/L		95	60 - 138
1,2,4-Trichlorobenzene	50.0	48.03		ug/L		96	60 - 140
1,1,1-Trichloroethane	50.0	52.94		ug/L		106	68 - 130
1,1,2-Trichloroethane	50.0	48.64		ug/L		97	70 - 130
Trichloroethene	50.0	52.99		ug/L		106	70 - 130
Trichlorofluoromethane	50.0	56.49		ug/L		113	65 - 138
1,2,3-Trichloropropane	50.0	44.38		ug/L		89	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.27		ug/L		105	60 - 139
1,2,4-Trimethylbenzene	50.0	43.25		ug/L		87	70 - 130
1,3,5-Trimethylbenzene	50.0	45.37		ug/L		91	69 - 130
Vinyl acetate	100	112.6		ug/L		113	26 - 150
Vinyl chloride	50.0	58.48		ug/L		117	59 - 136
Xylenes, Total	100	94.34		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*56 - 136*
Dibromofluoromethane	*107*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*
Toluene-d8 (Surr)	*97*		*64 - 132*

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

Lab Sample ID: MB 400-711159/1-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		06/02/25 07:00	06/03/25 14:05	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		06/02/25 07:00	06/03/25 14:05	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		06/02/25 07:00	06/03/25 14:05	1
2-Chlorophenol	ND		10.0	0.840	ug/L		06/02/25 07:00	06/03/25 14:05	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		06/02/25 07:00	06/03/25 14:05	1
2-Methylphenol	ND		10.0	0.760	ug/L		06/02/25 07:00	06/03/25 14:05	1
2-Nitroaniline	ND		10.0	1.37	ug/L		06/02/25 07:00	06/03/25 14:05	1
2-Nitrophenol	ND		10.0	1.17	ug/L		06/02/25 07:00	06/03/25 14:05	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		06/02/25 07:00	06/03/25 14:05	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		06/02/25 07:00	06/03/25 14:05	1
3-Nitroaniline	ND		10.0	0.950	ug/L		06/02/25 07:00	06/03/25 14:05	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		06/02/25 07:00	06/03/25 14:05	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		06/02/25 07:00	06/03/25 14:05	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		06/02/25 07:00	06/03/25 14:05	1
4-Chloroaniline	ND		10.0	0.280	ug/L		06/02/25 07:00	06/03/25 14:05	1

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

Lab Sample ID: MB 400-711159/1-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		06/02/25 07:00	06/03/25 14:05	1
4-Nitroaniline	ND		10.0	3.50	ug/L		06/02/25 07:00	06/03/25 14:05	1
4-Nitrophenol	ND		10.0	2.74	ug/L		06/02/25 07:00	06/03/25 14:05	1
Acenaphthene	ND		10.0	0.630	ug/L		06/02/25 07:00	06/03/25 14:05	1
Acenaphthylene	ND		10.0	0.760	ug/L		06/02/25 07:00	06/03/25 14:05	1
Acetophenone	ND		10.0	3.20	ug/L		06/02/25 07:00	06/03/25 14:05	1
Anthracene	ND		10.0	0.910	ug/L		06/02/25 07:00	06/03/25 14:05	1
Atrazine	ND		10.0	1.13	ug/L		06/02/25 07:00	06/03/25 14:05	1
Benzaldehyde	ND		10.0	0.670	ug/L		06/02/25 07:00	06/03/25 14:05	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		06/02/25 07:00	06/03/25 14:05	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		06/02/25 07:00	06/03/25 14:05	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		06/02/25 07:00	06/03/25 14:05	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		06/02/25 07:00	06/03/25 14:05	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		06/02/25 07:00	06/03/25 14:05	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		06/02/25 07:00	06/03/25 14:05	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		06/02/25 07:00	06/03/25 14:05	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Caprolactam	ND		10.0	2.40	ug/L		06/02/25 07:00	06/03/25 14:05	1
Carbazole	ND		10.0	0.320	ug/L		06/02/25 07:00	06/03/25 14:05	1
Chrysene	ND		10.0	1.20	ug/L		06/02/25 07:00	06/03/25 14:05	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		06/02/25 07:00	06/03/25 14:05	1
Dibenzofuran	ND		10.0	0.640	ug/L		06/02/25 07:00	06/03/25 14:05	1
Diethyl phthalate	ND		10.0	4.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Di-n-butyl phthalate	ND		10.0	4.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		06/02/25 07:00	06/03/25 14:05	1
Fluoranthene	ND		10.0	0.630	ug/L		06/02/25 07:00	06/03/25 14:05	1
Fluorene	ND		10.0	0.670	ug/L		06/02/25 07:00	06/03/25 14:05	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		06/02/25 07:00	06/03/25 14:05	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		06/02/25 07:00	06/03/25 14:05	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		06/02/25 07:00	06/03/25 14:05	1
Hexachloroethane	ND		10.0	0.530	ug/L		06/02/25 07:00	06/03/25 14:05	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		06/02/25 07:00	06/03/25 14:05	1
Isophorone	ND		10.0	0.800	ug/L		06/02/25 07:00	06/03/25 14:05	1
Naphthalene	ND		10.0	0.750	ug/L		06/02/25 07:00	06/03/25 14:05	1
Nitrobenzene	ND		10.0	0.600	ug/L		06/02/25 07:00	06/03/25 14:05	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		06/02/25 07:00	06/03/25 14:05	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		06/02/25 07:00	06/03/25 14:05	1
Pentachlorophenol	ND		10.0	2.80	ug/L		06/02/25 07:00	06/03/25 14:05	1
Phenanthrene	ND		10.0	0.740	ug/L		06/02/25 07:00	06/03/25 14:05	1
Phenol	ND		10.0	0.680	ug/L		06/02/25 07:00	06/03/25 14:05	1
Pyrene	ND		10.0	0.630	ug/L		06/02/25 07:00	06/03/25 14:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*136*		*10 - 150*	*06/02/25 07:00*	*06/03/25 14:05*	*1*
2-Fluorobiphenyl (Surr)	*117*		*25 - 139*	*06/02/25 07:00*	*06/03/25 14:05*	*1*

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

Lab Sample ID: MB 400-711159/1-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711159

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	154	S1+	10 - 150	06/02/25 07:00	06/03/25 14:05	1
Nitrobenzene-d5 (Surr)	123		22 - 150	06/02/25 07:00	06/03/25 14:05	1
Phenol-d5 (Surr)	170	S1+	10 - 150	06/02/25 07:00	06/03/25 14:05	1
Terphenyl-d14 (Surr)	114		28 - 150	06/02/25 07:00	06/03/25 14:05	1

Lab Sample ID: LCS 400-711159/2-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	55.26		ug/L		111	27 - 120
2,4,5-Trichlorophenol	50.0	67.72		ug/L		135	27 - 136
2,4,6-Trichlorophenol	50.0	71.23	*+	ug/L		142	21 - 132
2,4-Dichlorophenol	50.0	63.57	*+	ug/L		127	30 - 125
2,4-Dimethylphenol	50.0	66.28		ug/L		133	10 - 142
2,4-Dinitrophenol	100	111.4		ug/L		111	10 - 150
2,4-Dinitrotoluene	50.0	61.51		ug/L		123	30 - 129
2,6-Dinitrotoluene	50.0	56.89		ug/L		114	34 - 132
2-Chloronaphthalene	50.0	50.22		ug/L		100	10 - 150
2-Chlorophenol	50.0	69.64	*+	ug/L		139	28 - 127
2-Methylnaphthalene	50.0	45.70		ug/L		91	24 - 110
2-Methylphenol	50.0	80.44	*+	ug/L		161	11 - 121
2-Nitroaniline	50.0	69.18		ug/L		138	31 - 141
2-Nitrophenol	50.0	66.98		ug/L		134	31 - 142
3 & 4 Methylphenol	50.0	77.06	*+	ug/L		154	10 - 150
3,3'-Dichlorobenzidine	66.7	76.18		ug/L		114	10 - 150
3-Nitroaniline	50.0	59.26		ug/L		119	33 - 136
4,6-Dinitro-2-methylphenol	100	129.9		ug/L		130	10 - 150
4-Bromophenyl phenyl ether	50.0	60.09		ug/L		120	24 - 120
4-Chloro-3-methylphenol	50.0	68.89	*+	ug/L		138	10 - 137
4-Chloroaniline	50.0	64.22		ug/L		128	10 - 150
4-Chlorophenyl phenyl ether	50.0	57.84	*+	ug/L		116	31 - 110
4-Nitroaniline	50.0	59.84		ug/L		120	37 - 139
4-Nitrophenol	100	183.2	*+	ug/L		183	10 - 150
Acenaphthene	50.0	56.13	*+	ug/L		112	29 - 110
Acenaphthylene	50.0	57.14	*+	ug/L		114	30 - 112
Acetophenone	50.0	62.99	*+	ug/L		126	27 - 119
Anthracene	50.0	63.44	*+	ug/L		127	31 - 120
Atrazine	50.0	75.01		ug/L		150	10 - 150
Benzaldehyde	50.0	56.30		ug/L		113	10 - 150
Benzo[a]pyrene	50.0	62.70	*+	ug/L		125	29 - 120
Benzo[b]fluoranthene	50.0	60.31	*+	ug/L		121	32 - 119
Benzo[g,h,i]perylene	50.0	58.61	*+	ug/L		117	28 - 115
Benzo[k]fluoranthene	50.0	60.22	*+	ug/L		120	30 - 118
bis (2-chloroisopropyl) ether	50.0	55.22		ug/L		110	32 - 115
Bis(2-chloroethoxy)methane	50.0	62.78	*+	ug/L		126	34 - 120
Bis(2-chloroethyl)ether	50.0	58.66	*+	ug/L		117	32 - 114
Bis(2-ethylhexyl) phthalate	50.0	62.45		ug/L		125	24 - 133

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

Lab Sample ID: LCS 400-711159/2-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	50.0	81.38	*+	ug/L		163	24 - 140
Caprolactam	50.0	96.22	*+	ug/L		192	10 - 150
Carbazole	50.0	65.41	*+	ug/L		131	28 - 123
Dibenz(a,h)anthracene	50.0	58.99	*+	ug/L		118	29 - 117
Dibenzofuran	50.0	62.42	*+	ug/L		125	35 - 110
Diethyl phthalate	50.0	66.99	*+	ug/L		134	31 - 118
Dimethyl phthalate	50.0	67.77	*+	ug/L		136	24 - 125
Di-n-butyl phthalate	50.0	65.75	*+	ug/L		132	30 - 127
Di-n-octyl phthalate	50.0	67.19		ug/L		134	28 - 142
Fluoranthene	50.0	62.92	*+	ug/L		126	30 - 124
Fluorene	50.0	60.91	*+	ug/L		122	30 - 118
Hexachlorobenzene	50.0	59.82	*+	ug/L		120	29 - 113
Hexachlorobutadiene	50.0	18.49		ug/L		37	10 - 117
Hexachlorocyclopentadiene	50.0	27.41		ug/L		55	10 - 150
Hexachloroethane	50.0	23.99		ug/L		48	10 - 112
Indeno[1,2,3-cd]pyrene	50.0	58.31	*+	ug/L		117	28 - 115
Isophorone	50.0	58.93		ug/L		118	29 - 125
Naphthalene	50.0	46.65		ug/L		93	27 - 110
Nitrobenzene	50.0	57.30		ug/L		115	29 - 129
N-Nitrosodi-n-propylamine	50.0	60.07		ug/L		120	53 - 134
N-Nitrosodiphenylamine	49.6	64.22		ug/L		129	62 - 132
Pentachlorophenol	100	139.3		ug/L		139	14 - 150
Phenanthrene	50.0	62.19	*+	ug/L		124	32 - 115
Phenol	50.0	98.20	*+	ug/L		196	10 - 150
Pyrene	50.0	65.95	*+	ug/L		132	30 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*124*		*10 - 150*
2-Fluorobiphenyl (Surr)	*106*		*25 - 139*
2-Fluorophenol (Surr)	*142*		*10 - 150*
Nitrobenzene-d5 (Surr)	*110*		*22 - 150*
Phenol-d5 (Surr)	*175*	*S1+*	*10 - 150*
Terphenyl-d14 (Surr)	*113*		*28 - 150*

Lab Sample ID: LCS 400-711159/2-A
Matrix: Water
Analysis Batch: 711465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	50.0	58.54		ug/L		117	36 - 118
Chrysene	50.0	57.85	*+	ug/L		116	34 - 113

Lab Sample ID: LCSD 400-711159/3-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711159

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	50.0	57.57		ug/L		115	27 - 120	4	40
2,4,5-Trichlorophenol	50.0	69.72	*+	ug/L		139	27 - 136	3	40

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

Lab Sample ID: LCSD 400-711159/3-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711159

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,6-Trichlorophenol	50.0	69.97	*+	ug/L		140	21 - 132	2	40
2,4-Dichlorophenol	50.0	65.46	*+	ug/L		131	30 - 125	3	40
2,4-Dimethylphenol	50.0	67.90		ug/L		136	10 - 142	2	40
2,4-Dinitrophenol	100	111.4		ug/L		111	10 - 150	0	40
2,4-Dinitrotoluene	50.0	62.21		ug/L		124	30 - 129	1	40
2,6-Dinitrotoluene	50.0	58.80		ug/L		118	34 - 132	3	40
2-Chloronaphthalene	50.0	52.73		ug/L		105	10 - 150	5	40
2-Chlorophenol	50.0	72.76	*+	ug/L		146	28 - 127	4	40
2-Methylnaphthalene	50.0	50.47		ug/L		101	24 - 110	10	40
2-Methylphenol	50.0	84.59	*+	ug/L		169	11 - 121	5	40
2-Nitroaniline	50.0	71.79	*+	ug/L		144	31 - 141	4	40
2-Nitrophenol	50.0	70.20		ug/L		140	31 - 142	5	40
3 & 4 Methylphenol	50.0	78.83	*+	ug/L		158	10 - 150	2	40
3,3'-Dichlorobenzidine	66.7	81.94		ug/L		123	10 - 150	7	40
3-Nitroaniline	50.0	61.94		ug/L		124	33 - 136	4	40
4,6-Dinitro-2-methylphenol	100	130.4		ug/L		130	10 - 150	0	40
4-Bromophenyl phenyl ether	50.0	62.49	*+	ug/L		125	24 - 120	4	40
4-Chloro-3-methylphenol	50.0	69.92	*+	ug/L		140	10 - 137	1	40
4-Chloroaniline	50.0	69.07		ug/L		138	10 - 150	7	40
4-Chlorophenyl phenyl ether	50.0	58.48	*+	ug/L		117	31 - 110	1	40
4-Nitroaniline	50.0	61.14		ug/L		122	37 - 139	2	40
4-Nitrophenol	100	174.9	*+	ug/L		175	10 - 150	5	40
Acenaphthene	50.0	57.77	*+	ug/L		116	29 - 110	3	40
Acenaphthylene	50.0	59.62	*+	ug/L		119	30 - 112	4	40
Acetophenone	50.0	67.62	*+	ug/L		135	27 - 119	7	40
Anthracene	50.0	64.24	*+	ug/L		128	31 - 120	1	40
Atrazine	50.0	73.54		ug/L		147	10 - 150	2	40
Benzaldehyde	50.0	58.69		ug/L		117	10 - 150	4	40
Benzo[a]pyrene	50.0	65.65	*+	ug/L		131	29 - 120	5	40
Benzo[b]fluoranthene	50.0	64.45	*+	ug/L		129	32 - 119	7	40
Benzo[g,h,i]perylene	50.0	61.59	*+	ug/L		123	28 - 115	5	40
Benzo[k]fluoranthene	50.0	61.66	*+	ug/L		123	30 - 118	2	40
bis (2-chloroisopropyl) ether	50.0	60.18	*+	ug/L		120	32 - 115	9	40
Bis(2-chloroethoxy)methane	50.0	64.77	*+	ug/L		130	34 - 120	3	40
Bis(2-chloroethyl)ether	50.0	63.53	*+	ug/L		127	32 - 114	8	40
Bis(2-ethylhexyl) phthalate	50.0	65.07		ug/L		130	24 - 133	4	40
Butyl benzyl phthalate	50.0	87.53	*+	ug/L		175	24 - 140	7	40
Caprolactam	50.0	85.88	*+	ug/L		172	10 - 150	11	40
Carbazole	50.0	67.03	*+	ug/L		134	28 - 123	2	40
Dibenz(a,h)anthracene	50.0	62.46	*+	ug/L		125	29 - 117	6	40
Dibenzofuran	50.0	61.14	*+	ug/L		122	35 - 110	2	40
Diethyl phthalate	50.0	68.20	*+	ug/L		136	31 - 118	2	40
Dimethyl phthalate	50.0	69.54	*+	ug/L		139	24 - 125	3	40
Di-n-butyl phthalate	50.0	67.94	*+	ug/L		136	30 - 127	3	40
Di-n-octyl phthalate	50.0	70.83		ug/L		142	28 - 142	5	40
Fluoranthene	50.0	65.31	*+	ug/L		131	30 - 124	4	40
Fluorene	50.0	62.17	*+	ug/L		124	30 - 118	2	40
Hexachlorobenzene	50.0	61.24	*+	ug/L		122	29 - 113	2	40
Hexachlorobutadiene	50.0	27.55		ug/L		55	10 - 117	39	40

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

Lab Sample ID: LCSD 400-711159/3-A
Matrix: Water
Analysis Batch: 711278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711159

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorocyclopentadiene			50.0	35.05		ug/L		70	10 - 150	24	40
Hexachloroethane			50.0	35.07		ug/L		70	10 - 112	38	40
Indeno[1,2,3-cd]pyrene			50.0	61.21	*+	ug/L		122	28 - 115	5	40
Isophorone			50.0	63.58	*+	ug/L		127	29 - 125	8	40
Naphthalene			50.0	51.96		ug/L		104	27 - 110	11	40
Nitrobenzene			50.0	62.57		ug/L		125	29 - 129	9	40
N-Nitrosodi-n-propylamine			50.0	66.37		ug/L		133	53 - 134	10	40
N-Nitrosodiphenylamine			49.6	64.89		ug/L		131	62 - 132	1	40
Pentachlorophenol			100	139.4		ug/L		139	14 - 150	0	40
Phenanthrene			50.0	63.62	*+	ug/L		127	32 - 115	2	40
Phenol			50.0	94.57	*+	ug/L		189	10 - 150	4	40
Pyrene			50.0	65.28	*+	ug/L		131	30 - 126	1	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*140*		*10 - 150*
2-Fluorobiphenyl (Surr)	*113*		*25 - 139*
2-Fluorophenol (Surr)	*154*	*S1+*	*10 - 150*
Nitrobenzene-d5 (Surr)	*124*		*22 - 150*
Phenol-d5 (Surr)	*182*	*S1+*	*10 - 150*
Terphenyl-d14 (Surr)	*120*		*28 - 150*

Lab Sample ID: LCSD 400-711159/3-A
Matrix: Water
Analysis Batch: 711465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711159

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene			50.0	62.79	*+	ug/L		126	36 - 118	7	40
Chrysene			50.0	62.18	*+	ug/L		124	34 - 113	7	40

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

Lab Sample ID: MB 400-711305/1-A
Matrix: Water
Analysis Batch: 712106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711305

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		06/03/25 07:00	06/09/25 18:31	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*14*		*10 - 140*	*06/03/25 07:00*	*06/09/25 18:31*	*1*

Lab Sample ID: LCS 400-711305/2-A
Matrix: Water
Analysis Batch: 712106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711305

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	15.62		ug/L		98	30 - 150		

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

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	20		10 - 140

Lab Sample ID: LCSD 400-711305/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 712106 — **Prep Batch: 711305**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	16.39		ug/L		102	30 - 150	5	

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	21		10 - 140

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-710851/5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 710851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.100	0.0630	mg/L			05/29/25 18:41	1

Lab Sample ID: LCS 400-710851/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 710851

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.26	2.120		mg/L		94	90 - 110		

Lab Sample ID: LCSD 400-710851/7 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 710851

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			2.26	2.111		mg/L		93	90 - 110	0	15

Lab Sample ID: MB 400-710853/5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 710853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.390	mg/L			05/29/25 18:41	1

Lab Sample ID: LCS 400-710853/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 710853

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	9.610		mg/L		96	90 - 110		

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-710853/7
Matrix: Water
Analysis Batch: 710853

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
Sulfate			10.0	9.550		mg/L		95	90 - 110	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-883059/1-A
Matrix: Water
Analysis Batch: 883106

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 883059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	0.340	ug/L		06/02/25 05:25	06/02/25 14:16	1
Arsenic	ND		3.00	0.860	ug/L		06/02/25 05:25	06/02/25 14:16	1
Barium	ND		5.00	0.890	ug/L		06/02/25 05:25	06/02/25 14:16	1
Beryllium	ND		0.500	0.200	ug/L		06/02/25 05:25	06/02/25 14:16	1
Cadmium	ND		0.500	0.0780	ug/L		06/02/25 05:25	06/02/25 14:16	1
Chromium	ND		5.00	1.20	ug/L		06/02/25 05:25	06/02/25 14:16	1
Cobalt	ND		0.500	0.220	ug/L		06/02/25 05:25	06/02/25 14:16	1
Copper	ND		5.00	1.08	ug/L		06/02/25 05:25	06/02/25 14:16	1
Lead	ND		2.50	0.210	ug/L		06/02/25 05:25	06/02/25 14:16	1
Manganese	ND		5.00	2.20	ug/L		06/02/25 05:25	06/02/25 14:16	1
Nickel	ND		5.00	0.420	ug/L		06/02/25 05:25	06/02/25 14:16	1
Selenium	ND		2.50	0.990	ug/L		06/02/25 05:25	06/02/25 14:16	1
Silver	ND		1.00	0.390	ug/L		06/02/25 05:25	06/02/25 14:16	1
Thallium	ND		1.00	0.260	ug/L		06/02/25 05:25	06/02/25 14:16	1
Vanadium	ND		10.0	0.630	ug/L		06/02/25 05:25	06/02/25 14:16	1
Zinc	ND		20.0	2.80	ug/L		06/02/25 05:25	06/02/25 14:16	1

Lab Sample ID: LCS 680-883059/2-A
Matrix: Water
Analysis Batch: 883106

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 883059

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			50.0	51.03		ug/L		102	80 - 120		
Arsenic			100	102.1		ug/L		102	80 - 120		
Barium			100	101.7		ug/L		102	80 - 120		
Beryllium			50.0	54.88		ug/L		110	80 - 120		
Cadmium			50.0	52.80		ug/L		106	80 - 120		
Chromium			100	102.9		ug/L		103	80 - 120		
Cobalt			50.0	53.55		ug/L		107	80 - 120		
Copper			101	103.7		ug/L		103	80 - 120		
Lead			500	510.7		ug/L		102	80 - 120		
Manganese			400	405.2		ug/L		101	80 - 120		
Nickel			100	105.9		ug/L		106	80 - 120		
Selenium			100	101.9		ug/L		102	80 - 120		
Silver			50.0	53.27		ug/L		107	80 - 120		
Thallium			50.0	50.70		ug/L		101	80 - 120		
Vanadium			100	97.32		ug/L		97	80 - 120		
Zinc			100	101.6		ug/L		102	80 - 120		

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

Lab Sample ID: 400-276738-5 MS
Matrix: Water
Analysis Batch: 883106

Client Sample ID: SW-5
Prep Type: Total Recoverable
Prep Batch: 883059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.455	J	50.0	49.50		ug/L		98	75 - 125
Arsenic	1.14	J	100	100.7		ug/L		100	75 - 125
Barium	23.7		100	123.9		ug/L		100	75 - 125
Beryllium	ND		50.0	52.67		ug/L		105	75 - 125
Cadmium	ND		50.0	51.15		ug/L		102	75 - 125
Chromium	1.22	J	100	100.9		ug/L		100	75 - 125
Cobalt	0.365	J	50.0	52.55		ug/L		104	75 - 125
Copper	12.3		101	113.7		ug/L		100	75 - 125
Lead	5.09		500	500.7		ug/L		99	75 - 125
Manganese	19.0		400	408.0		ug/L		97	75 - 125
Nickel	1.82	J	100	104.5		ug/L		103	75 - 125
Selenium	ND		100	99.05		ug/L		99	75 - 125
Silver	ND		50.0	50.89		ug/L		102	75 - 125
Thallium	ND		50.0	49.82		ug/L		100	75 - 125
Vanadium	1.78	J	100	98.15		ug/L		96	75 - 125
Zinc	24.4		100	123.7		ug/L		99	75 - 125

Lab Sample ID: 400-276738-5 MSD
Matrix: Water
Analysis Batch: 883106

Client Sample ID: SW-5
Prep Type: Total Recoverable
Prep Batch: 883059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.455	J	50.0	51.07		ug/L		101	75 - 125	3	20
Arsenic	1.14	J	100	102.0		ug/L		101	75 - 125	1	20
Barium	23.7		100	125.4		ug/L		102	75 - 125	1	20
Beryllium	ND		50.0	54.66		ug/L		109	75 - 125	4	20
Cadmium	ND		50.0	52.27		ug/L		105	75 - 125	2	20
Chromium	1.22	J	100	103.6		ug/L		102	75 - 125	3	20
Cobalt	0.365	J	50.0	53.95		ug/L		107	75 - 125	3	20
Copper	12.3		101	116.1		ug/L		103	75 - 125	2	20
Lead	5.09		500	509.4		ug/L		101	75 - 125	2	20
Manganese	19.0		400	420.6		ug/L		100	75 - 125	3	20
Nickel	1.82	J	100	106.9		ug/L		105	75 - 125	2	20
Selenium	ND		100	101.3		ug/L		101	75 - 125	2	20
Silver	ND		50.0	52.63		ug/L		105	75 - 125	3	20
Thallium	ND		50.0	50.51		ug/L		101	75 - 125	1	20
Vanadium	1.78	J	100	100.9		ug/L		99	75 - 125	3	20
Zinc	24.4		100	125.6		ug/L		101	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-883081/12-A
Matrix: Water
Analysis Batch: 883102

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 883081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/02/25 11:05	06/02/25 15:17	1

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

Lab Sample ID: LCS 680-883081/13-A
Matrix: Water
Analysis Batch: 883102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 883081

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			2.50	2.659		ug/L		106	80 - 120		

Lab Sample ID: 400-276738-4 MS
Matrix: Water
Analysis Batch: 883102

Client Sample ID: DUP
Prep Type: Total/NA
Prep Batch: 883081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		1.00	1.017		ug/L		102	80 - 120		

Lab Sample ID: 400-276738-4 MSD
Matrix: Water
Analysis Batch: 883102

Client Sample ID: DUP
Prep Type: Total/NA
Prep Batch: 883081

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	0.9779		ug/L		98	80 - 120	4	20

Lab Sample ID: MB 680-883251/1-A
Matrix: Water
Analysis Batch: 883289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 883251

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.0800	ug/L		06/05/25 10:54	06/05/25 14:10	1

Lab Sample ID: LCS 680-883251/2-A
Matrix: Water
Analysis Batch: 883289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 883251

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			2.50	2.379		ug/L		95	80 - 120		

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 400-711559/60
Matrix: Water
Analysis Batch: 711559

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0460	mg/L			06/04/25 11:54	1

Lab Sample ID: LCS 400-711559/61
Matrix: Water
Analysis Batch: 711559

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			2.99	3.014		mg/L		101	90 - 110		

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MRL 400-711559/19
Matrix: Water
Analysis Batch: 711559

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)	0.0498	0.06500		mg/L		130	50 - 150

Lab Sample ID: MB 400-711721/23
Matrix: Water
Analysis Batch: 711721

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0460	mg/L			06/05/25 10:34	1

Lab Sample ID: MB 400-711721/61
Matrix: Water
Analysis Batch: 711721

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0460	mg/L			06/05/25 12:15	1

Lab Sample ID: LCS 400-711721/24
Matrix: Water
Analysis Batch: 711721

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.99	3.030		mg/L		101	90 - 110

Lab Sample ID: LCS 400-711721/62
Matrix: Water
Analysis Batch: 711721

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.99	3.018		mg/L		101	90 - 110

Lab Sample ID: MRL 400-711721/18
Matrix: Water
Analysis Batch: 711721

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)	0.0498	0.04800	J	mg/L		96	50 - 150

Client Sample ID: SW-1

Lab Sample ID: 400-276738-1

Date Collected: 05/28/25 09:50

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 16:09	WPD	EET PEN
Total/NA	Prep	3511			28.9 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1	0 mL	1.0 mL	711272	06/03/25 16:33	JAW	EET PEN
Total/NA	Prep	3510C			264.6 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 19:59	VC1	EET PEN
Total/NA	Analysis	9056A		1			710851	05/29/25 19:15	AMM	EET PEN
Total/NA	Analysis	9056A		1			710853	05/29/25 19:15	AMM	EET PEN
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:29	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:33	MG	EET SAV
Total/NA	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 12:12	CAC	EET PEN

Client Sample ID: SW-2

Lab Sample ID: 400-276738-2

Date Collected: 05/28/25 12:50

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 16:35	WPD	EET PEN
Total/NA	Prep	3511			30.5 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1	0 mL	1.0 mL	711272	06/03/25 17:04	JAW	EET PEN
Total/NA	Prep	3510C			263.8 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 20:21	VC1	EET PEN
Total/NA	Analysis	9056A		1			710851	05/29/25 19:23	AMM	EET PEN
Total/NA	Analysis	9056A		1			710853	05/29/25 19:23	AMM	EET PEN
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:31	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	883251	06/05/25 11:33	MG	EET SAV
Total/NA	Analysis	7470A		1			883289	06/05/25 15:06	MG	EET SAV
Total/NA	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 12:15	CAC	EET PEN

Client Sample ID: SW-6

Lab Sample ID: 400-276738-3

Date Collected: 05/28/25 13:50

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 17:01	WPD	EET PEN
Total/NA	Prep	3511			29.7 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1	0 mL	1.0 mL	711272	06/03/25 17:35	JAW	EET PEN
Total/NA	Prep	3510C			257 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 20:42	VC1	EET PEN
Total/NA	Analysis	9056A		1			710851	05/29/25 19:32	AMM	EET PEN
Total/NA	Analysis	9056A		1			710853	05/29/25 19:32	AMM	EET PEN

Client Sample ID: SW-6

Lab Sample ID: 400-276738-3

Date Collected: 05/28/25 13:50

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:34	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:31	MG	EET SAV
Total/NA	Analysis	350.1		1	10 mL	10 mL	711721	06/05/25 13:32	CAC	EET PEN

Client Sample ID: DUP

Lab Sample ID: 400-276738-4

Date Collected: 05/28/25 13:50

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 17:26	WPD	EET PEN
Total/NA	Prep	3511			30.6 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1	0 mL	1.0 mL	711272	06/03/25 18:06	JAW	EET PEN
Total/NA	Prep	3510C			267.6 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 21:04	VC1	EET PEN
Total/NA	Analysis	9056A		1			710851	05/29/25 19:40	AMM	EET PEN
Total/NA	Analysis	9056A		1			710853	05/29/25 19:40	AMM	EET PEN
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:37	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:21	MG	EET SAV
Total/NA	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 12:20	CAC	EET PEN

Client Sample ID: SW-5

Lab Sample ID: 400-276738-5

Date Collected: 05/28/25 15:15

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 17:52	WPD	EET PEN
Total/NA	Prep	3511			29.9 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1	0 mL	1.0 mL	711272	06/03/25 18:38	JAW	EET PEN
Total/NA	Prep	3510C			253.6 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 21:26	VC1	EET PEN
Total/NA	Analysis	9056A		1			710851	05/29/25 19:49	AMM	EET PEN
Total/NA	Analysis	9056A		1			710853	05/29/25 19:49	AMM	EET PEN
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:21	BWR	EET SAV
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:28	MG	EET SAV
Total/NA	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 12:07	CAC	EET PEN

Client Sample ID: Trip Blank — **Lab Sample ID: 400-276738-6**
Date Collected: 05/28/25 00:00 — **Matrix: Water**
Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 18:17	WPD	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-710851/5**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			710851	05/29/25 18:41	AMM	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-710853/5**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			710853	05/29/25 18:41	AMM	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-711159/1-A**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1			711278	06/03/25 14:05	JAW	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-711305/1-A**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 18:31	VC1	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-711559/60**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 11:54	CAC	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-711721/23**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	10 mL	10 mL	711721	06/05/25 10:34	CAC	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-711721/61**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	10 mL	10 mL	711721	06/05/25 12:15	CAC	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 400-711780/5**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 08:29	WPD	EET PEN

Client Sample ID: Method Blank — **Lab Sample ID: MB 680-883059/1-A**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:16	BWR	EET SAV

Client Sample ID: Method Blank — **Lab Sample ID: MB 680-883081/12-A**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:17	MG	EET SAV

Client Sample ID: Method Blank — **Lab Sample ID: MB 680-883251/1-A**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	883251	06/05/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			883289	06/05/25 14:10	MG	EET SAV

Client Sample ID: Lab Control Sample — **Lab Sample ID: LCS 400-710851/6**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			710851	05/29/25 18:49	AMM	EET PEN

Client Sample ID: Lab Control Sample — **Lab Sample ID: LCS 400-710853/6**
Date Collected: N/A — **Matrix: Water**
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			710853	05/29/25 18:49	AMM	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711159/2-A

Date Collected: N/A
Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1	0 mL	1.0 mL	711278	06/03/25 14:40	JAW	EET PEN
Total/NA	Prep	3511			30 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		2			711465	06/04/25 11:26	JAW	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711305/2-A

Date Collected: N/A
Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 18:53	VC1	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711559/61

Date Collected: N/A
Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 11:56	CAC	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711721/24

Date Collected: N/A
Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	10 mL	10 mL	711721	06/05/25 10:36	CAC	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711721/62

Date Collected: N/A
Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	10 mL	10 mL	711721	06/05/25 12:17	CAC	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711780/1002

Date Collected: N/A
Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711780	06/06/25 07:13	WPD	EET PEN

Lab Chronicle

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

Job ID: 400-276738-1

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 680-883059/2-A

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:19	BWR	EET SAV

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 680-883081/13-A

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:19	MG	EET SAV

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 680-883251/2-A

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	883251	06/05/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			883289	06/05/25 14:12	MG	EET SAV

Client Sample ID: Lab Control Sample Dup
Lab Sample ID: LCSD 400-710851/7

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			710851	05/29/25 18:58	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup
Lab Sample ID: LCSD 400-710853/7

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			710853	05/29/25 18:58	AMM	EET PEN

Client Sample ID: Lab Control Sample Dup
Lab Sample ID: LCSD 400-711159/3-A

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		1			711278	06/03/25 15:16	JAW	EET PEN
Total/NA	Prep	3511			30 mL	2 mL	711159	06/02/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E		2			711465	06/04/25 11:57	JAW	EET PEN

Lab Chronicle

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

Job ID: 400-276738-1

Client Sample ID: Lab Control Sample Dup
Lab Sample ID: LCSD 400-711305/3-A

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	1 mL	711305	06/03/25 07:00	BKL	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712106	06/09/25 19:15	VC1	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: MRL 400-711559/19

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	100 mL	100 mL	711559	06/04/25 10:04	CAC	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: MRL 400-711721/18

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	100 mL	100 mL	711721	06/05/25 10:19	CAC	EET PEN

Client Sample ID: DUP
Lab Sample ID: 400-276738-4 MS

Date Collected: 05/28/25 13:50
Matrix: Water
Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:24	MG	EET SAV

Client Sample ID: DUP
Lab Sample ID: 400-276738-4 MSD

Date Collected: 05/28/25 13:50
Matrix: Water
Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	883081	06/02/25 11:05	MG	EET SAV
Total/NA	Analysis	7470A		1			883102	06/02/25 15:26	MG	EET SAV

Client Sample ID: SW-5
Lab Sample ID: 400-276738-5 MS

Date Collected: 05/28/25 15:15
Matrix: Water
Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:24	BWR	EET SAV

Lab Chronicle

Client: S&ME Inc
Job ID: 400-276738-1
Project/Site: Walltown Park

Client Sample ID: SW-5
Lab Sample ID: 400-276738-5 MSD
Date Collected: 05/28/25 15:15
Matrix: Water
Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	883059	06/02/25 05:25	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883106	06/02/25 14:26	BWR	EET SAV

Laboratory References:

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Method Summary

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

Job ID: 400-276738-1

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 PEN
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
350.1	Nitrogen, Ammonia	EPA	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
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 SAV

Protocol References:

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 400-276738-1
Project/Site: Walltown Park

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	1,2,4-Trimethylbenzene
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol
9056A		Water	Nitrate as N
9056A		Water	Sulfate

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

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: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-167639-59294.1
Client Contact: Jerry Paul	Phone: 919.872.2660	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630, Phase AA			
Email: jpaul@smeinc.com	WO #:			
Project Name: Walltown Park	Project #: 68026680			
Site: Walltown Park	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
D - HNO3
A - HCL

400-276738 Chain of Custody

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	Special Instructions/Note:
			Preservation Code:				N	S	D	A	N	N		
SW-1	5/28/25	0950	G	W	N	N	X	X	X	X	X	X	2	
SW-2	"	1250	"	"	"	"	X	X	X	X	X	X	2	
SW-6	"	1350	"	"	"	"	X	X	X	X	X	X	2	
DUP	"	1350	"	"	"	"	X	X	X	X	X	X	2	
SW-5	"	1515	"	"	"	"	X	X	X	X	X	X	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
Jonathan Olanin	5/28/25	S&ME			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/29/25 0945	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.1 IR8

Ver: 05/06/2024

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 400-377017.1
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 #: 400-276738-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 6/6/2025			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)	6020B/3005A PRLF 16 Metals, Including prep	7470A/7470A_Prep Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SW-1 (400-276738-1)	5/28/25	09:50 Eastern	G	Water			X	X	1	
SW-2 (400-276738-2)	5/28/25	12:50 Eastern	G	Water			X	X	1	
SW-6 (400-276738-3)	5/28/25	13:50 Eastern	G	Water			X	X	1	
DUP (400-276738-4)	5/28/25	13:50 Eastern	G	Water			X	X	1	
SW-5 (400-276738-5)	5/28/25	15:15 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: 5/30/25 DW	Company EET	Received by:	Date/Time: 5/31/25 1015	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 20.7/20.7

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 400-276738-1

Login Number: 276738

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.1°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.	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: 400-276738-1

Login Number: 276738
List Number: 2
Creator: Faught, Timothy

List Source: Eurofins Savannah
List Creation: 05/31/25 11:16 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/17/2025 7:09:35 PM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

752-36344-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-36344-1
Project/Site: Walltown Park

Qualifiers

GC/MS VOA

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

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
752-36344-1

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 8/29/2025 10:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4°C and 2.9°C.

GC/MS VOA
Method 8260D: The Trip Blank (752-36344-11) contained 2-Butanone (MEK) between the method detection limit (MDL) and the reporting limit (RL). Reanalysis was performed with concurring results; only the original analysis is included in the report.

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

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

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

General Chemistry
Method SM4500_SO4_E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: MW-7 (752-36344-2), MW-2 (752-36344-7) and MW-6 (752-36344-10). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-36344-1

Client Sample ID: MW-4 — Lab Sample ID: 752-36344-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.16		1.00	0.400	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.429		0.294	0.294	ug/L	1		8270E SIM ID	Total/NA
Barium	570		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	215		5.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	23.7	F1	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-36344-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.843	J	1.00	0.400	ug/L	1		8260D	Total/NA
Barium	63.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	1.23		1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	0.621	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.77	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.47		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	127		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	55.7		5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	15.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Sulfate	186		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 752-36344-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.815	J	1.00	0.400	ug/L	1		8260D	Total/NA
Barium	163		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.801	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	233		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.563	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.44	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate as N	0.0832	J	0.100	0.0250	mg/L	1		Nitrate by calc	Total/NA
Sulfate	8.12		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 752-36344-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.47	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	178		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	231		5.00	1.29	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-9 (Continued) — Lab Sample ID: 752-36344-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.450	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.54	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Sulfate	1.93	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Duplicate-1 — Lab Sample ID: 752-36344-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.15		1.00	0.400	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.645		0.288	0.288	ug/L	1		8270E SIM ID	Total/NA
Barium	567		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	217		5.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	17.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 752-36344-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.723	J	1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	1.75	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	63.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	9.47		5.00	3.69	ug/L	1		6020B	Total Recoverable
Copper	1.94	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	35.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.48	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.45	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	22.8		10.0	8.91	ug/L	1		6020B	Total Recoverable
Sulfate	1.82	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 752-36344-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.92	J	25.0	2.60	ug/L	1		8260D	Total/NA
Chloromethane	1.17		1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	1.56	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	126		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	185		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.06	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
Sulfate	27.3		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-36344-1

Client Sample ID: MW-3 — Lab Sample ID: 752-36344-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.62	J	25.0	2.60	ug/L	1		8260D	Total/NA
Chloromethane	1.65		1.00	0.400	ug/L	1		8260D	Total/NA
Barium	76.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	5.43		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	2.28	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate as N	0.269		0.100	0.0250	mg/L	1		Nitrate by calc	Total/NA
Sulfate	33.4		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 752-36344-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.773	J	1.00	0.400	ug/L	1		8260D	Total/NA
Barium	62.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.567	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.05	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	166		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.941	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	8.11		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate as N	0.0311	J	0.100	0.0250	mg/L	1		Nitrate by calc	Total/NA
Sulfate	23.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 752-36344-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	221		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.793	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.02	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	559		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.02	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.19	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Sulfate	781		100	28.0	mg/L	20		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-36344-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.88	J	25.0	2.60	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-36344-1

Client Sample ID: MW-4
Date Collected: 08/28/25 12:10
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-1
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			09/05/25 13:04	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 13:04	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 13:04	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 13:04	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 13:04	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 13:04	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 13:04	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 13:04	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 13:04	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 13:04	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 13:04	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 13:04	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 13:04	1
Chloromethane	**1.16**		1.00	0.400	ug/L			09/05/25 13:04	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 13:04	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 13:04	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 13:04	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 13:04	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 13:04	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 13:04	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 13:04	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 13:04	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 13:04	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 13:04	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 13:04	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 13:04	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 13:04	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 13:04	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 13:04	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 13:04	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 13:04	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 13:04	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 13:04	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 13:04	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 13:04	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 13:04	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 13:04	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 13:04	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 13:04	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 13:04	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 13:04	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 13:04	1

Client Sample ID: MW-4
Date Collected: 08/28/25 12:10
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-1
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			09/05/25 13:04	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 13:04	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 13:04	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 13:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 13:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 13:04	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 13:04	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 13:04	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 13:04	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 13:04	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 13:04	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 13:04	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 13:04	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 13:04	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 13:04	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 13:04	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 13:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 13:04	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 13:04	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 13:04	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 13:04	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 13:04	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*09/05/25 13:04*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*09/05/25 13:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 146*		*09/05/25 13:04*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*09/05/25 13:04*	*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	**0.429**		0.294	0.294	ug/L		09/02/25 10:30	09/05/25 18:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*10 - 140*	*09/02/25 10:30*	*09/05/25 18:19*	*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		10.0	0.420	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		09/03/25 11:48	09/05/25 18:58	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		09/03/25 11:48	09/05/25 18:58	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		09/03/25 11:48	09/05/25 18:58	1
2-Chlorophenol	ND		10.0	0.840	ug/L		09/03/25 11:48	09/05/25 18:58	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		09/03/25 11:48	09/05/25 18:58	1

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

Job ID: 752-36344-1

Client Sample ID: MW-4
Date Collected: 08/28/25 12:10
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		09/03/25 11:48	09/05/25 18:58	1
2-Nitroaniline	ND		10.0	1.37	ug/L		09/03/25 11:48	09/05/25 18:58	1
2-Nitrophenol	ND		10.0	1.17	ug/L		09/03/25 11:48	09/05/25 18:58	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		09/03/25 11:48	09/05/25 18:58	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		09/03/25 11:48	09/05/25 18:58	1
3-Nitroaniline	ND		10.0	0.950	ug/L		09/03/25 11:48	09/05/25 18:58	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		09/03/25 11:48	09/05/25 18:58	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		09/03/25 11:48	09/05/25 18:58	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		09/03/25 11:48	09/05/25 18:58	1
4-Chloroaniline	ND		10.0	0.580	ug/L		09/03/25 11:48	09/05/25 18:58	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		09/03/25 11:48	09/05/25 18:58	1
4-Nitroaniline	ND		10.0	3.50	ug/L		09/03/25 11:48	09/05/25 18:58	1
4-Nitrophenol	ND		10.0	2.74	ug/L		09/03/25 11:48	09/05/25 18:58	1
Acenaphthene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 18:58	1
Acenaphthylene	ND		10.0	0.760	ug/L		09/03/25 11:48	09/05/25 18:58	1
Acetophenone	ND		10.0	3.20	ug/L		09/03/25 11:48	09/05/25 18:58	1
Anthracene	ND		10.0	0.910	ug/L		09/03/25 11:48	09/05/25 18:58	1
Atrazine	ND		10.0	1.13	ug/L		09/03/25 11:48	09/05/25 18:58	1
Benzaldehyde	ND		10.0	0.670	ug/L		09/03/25 11:48	09/05/25 18:58	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		09/03/25 11:48	09/05/25 18:58	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 18:58	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 18:58	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		09/03/25 11:48	09/05/25 18:58	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		09/03/25 11:48	09/05/25 18:58	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		09/03/25 11:48	09/05/25 18:58	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		09/03/25 11:48	09/05/25 18:58	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		09/03/25 11:48	09/05/25 18:58	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 18:58	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 18:58	1
Caprolactam	ND		10.0	2.40	ug/L		09/03/25 11:48	09/05/25 18:58	1
Carbazole	ND		10.0	0.320	ug/L		09/03/25 11:48	09/05/25 18:58	1
Chrysene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 18:58	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		09/03/25 11:48	09/05/25 18:58	1
Dibenzofuran	ND		10.0	0.640	ug/L		09/03/25 11:48	09/05/25 18:58	1
Diethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 18:58	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 18:58	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		09/03/25 11:48	09/05/25 18:58	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 18:58	1
Fluoranthene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 18:58	1
Fluorene	ND		10.0	0.670	ug/L		09/03/25 11:48	09/05/25 18:58	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		09/03/25 11:48	09/05/25 18:58	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		09/03/25 11:48	09/05/25 18:58	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		09/03/25 11:48	09/05/25 18:58	1
Hexachloroethane	ND		10.0	0.530	ug/L		09/03/25 11:48	09/05/25 18:58	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 18:58	1
Isophorone	ND		10.0	0.800	ug/L		09/03/25 11:48	09/05/25 18:58	1
Naphthalene	ND		10.0	0.750	ug/L		09/03/25 11:48	09/05/25 18:58	1
Nitrobenzene	ND		10.0	0.600	ug/L		09/03/25 11:48	09/05/25 18:58	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		09/03/25 11:48	09/05/25 18:58	1

Client Sample ID: MW-4
Lab Sample ID: 752-36344-1

Date Collected: 08/28/25 12:10
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		09/03/25 11:48	09/05/25 18:58	1
Pentachlorophenol	ND		10.0	2.80	ug/L		09/03/25 11:48	09/05/25 18:58	1
Phenanthrene	ND		10.0	0.740	ug/L		09/03/25 11:48	09/05/25 18:58	1
Phenol	ND		10.0	0.680	ug/L		09/03/25 11:48	09/05/25 18:58	1
Pyrene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*09/03/25 11:48*	*09/05/25 18:58*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*09/03/25 11:48*	*09/05/25 18:58*	*1*
2-Fluorophenol (Surr)	*74*		*10 - 150*	*09/03/25 11:48*	*09/05/25 18:58*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*	*09/03/25 11:48*	*09/05/25 18:58*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*09/03/25 11:48*	*09/05/25 18:58*	*1*
Terphenyl-d14 (Surr)	*50*		*28 - 150*	*09/03/25 11:48*	*09/05/25 18:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/06/25 01:07	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:07	1
Barium	**570**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:07	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:07	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:07	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:07	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:07	1
Copper	ND		2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:07	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:07	1
Manganese	**215**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:07	1
Nickel	ND		5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:07	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:07	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:07	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:07	1
Vanadium	ND		5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:07	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:07	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		09/11/25 15:18	09/12/25 07:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 12:59	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**23.7**	**F1**	5.00	1.40	mg/L			09/10/25 14:05	1

Client Sample ID: MW-7
Lab Sample ID: 752-36344-2

Date Collected: 08/28/25 17:35
Matrix: Water
Date Received: 08/29/25 10:55

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			09/05/25 14:42	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 14:42	1

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

Job ID: 752-36344-1

Client Sample ID: MW-7
Date Collected: 08/28/25 17:35
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 14:42	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 14:42	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 14:42	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 14:42	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 14:42	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 14:42	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 14:42	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 14:42	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 14:42	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 14:42	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 14:42	1
Chloromethane	**0.843**	**J**	1.00	0.400	ug/L			09/05/25 14:42	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 14:42	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 14:42	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 14:42	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 14:42	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 14:42	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 14:42	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 14:42	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 14:42	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 14:42	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 14:42	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 14:42	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 14:42	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 14:42	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 14:42	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 14:42	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 14:42	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 14:42	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 14:42	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 14:42	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 14:42	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 14:42	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 14:42	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 14:42	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 14:42	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 14:42	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 14:42	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 14:42	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 14:42	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 14:42	1

Client Sample ID: MW-7
Date Collected: 08/28/25 17:35
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.00	1.00	ug/L			09/05/25 14:42	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 14:42	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 14:42	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 14:42	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 14:42	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 14:42	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 14:42	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 14:42	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 14:42	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 14:42	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 14:42	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 14:42	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 14:42	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 14:42	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 14:42	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 14:42	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 14:42	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 14:42	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 14:42	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*09/05/25 14:42*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*09/05/25 14:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*59 - 146*		*09/05/25 14:42*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*09/05/25 14:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.324	0.324	ug/L		09/02/25 10:30	09/05/25 18:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*09/02/25 10:30*	*09/05/25 18:41*	*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		9.97	0.419	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		09/03/25 11:48	09/05/25 19:32	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		09/03/25 11:48	09/05/25 19:32	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		09/03/25 11:48	09/05/25 19:32	1
2-Chlorophenol	ND		9.97	0.837	ug/L		09/03/25 11:48	09/05/25 19:32	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		09/03/25 11:48	09/05/25 19:32	1
2-Methylphenol	ND		9.97	0.757	ug/L		09/03/25 11:48	09/05/25 19:32	1
2-Nitroaniline	ND		9.97	1.37	ug/L		09/03/25 11:48	09/05/25 19:32	1

Client Sample ID: MW-7
Date Collected: 08/28/25 17:35
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		9.97	1.17	ug/L		09/03/25 11:48	09/05/25 19:32	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		09/03/25 11:48	09/05/25 19:32	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		09/03/25 11:48	09/05/25 19:32	1
3-Nitroaniline	ND		9.97	0.947	ug/L		09/03/25 11:48	09/05/25 19:32	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		09/03/25 11:48	09/05/25 19:32	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		09/03/25 11:48	09/05/25 19:32	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		09/03/25 11:48	09/05/25 19:32	1
4-Chloroaniline	ND		9.97	0.578	ug/L		09/03/25 11:48	09/05/25 19:32	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		09/03/25 11:48	09/05/25 19:32	1
4-Nitroaniline	ND		9.97	3.49	ug/L		09/03/25 11:48	09/05/25 19:32	1
4-Nitrophenol	ND		9.97	2.73	ug/L		09/03/25 11:48	09/05/25 19:32	1
Acenaphthene	ND		9.97	0.628	ug/L		09/03/25 11:48	09/05/25 19:32	1
Acenaphthylene	ND		9.97	0.757	ug/L		09/03/25 11:48	09/05/25 19:32	1
Acetophenone	ND		9.97	3.19	ug/L		09/03/25 11:48	09/05/25 19:32	1
Anthracene	ND		9.97	0.907	ug/L		09/03/25 11:48	09/05/25 19:32	1
Atrazine	ND		9.97	1.13	ug/L		09/03/25 11:48	09/05/25 19:32	1
Benzaldehyde	ND		9.97	0.668	ug/L		09/03/25 11:48	09/05/25 19:32	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		09/03/25 11:48	09/05/25 19:32	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		09/03/25 11:48	09/05/25 19:32	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		09/03/25 11:48	09/05/25 19:32	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		09/03/25 11:48	09/05/25 19:32	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		09/03/25 11:48	09/05/25 19:32	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		09/03/25 11:48	09/05/25 19:32	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		09/03/25 11:48	09/05/25 19:32	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		09/03/25 11:48	09/05/25 19:32	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 19:32	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 19:32	1
Caprolactam	ND		9.97	2.39	ug/L		09/03/25 11:48	09/05/25 19:32	1
Carbazole	ND		9.97	0.319	ug/L		09/03/25 11:48	09/05/25 19:32	1
Chrysene	ND		9.97	1.20	ug/L		09/03/25 11:48	09/05/25 19:32	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		09/03/25 11:48	09/05/25 19:32	1
Dibenzofuran	ND		9.97	0.638	ug/L		09/03/25 11:48	09/05/25 19:32	1
Diethyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 19:32	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 19:32	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		09/03/25 11:48	09/05/25 19:32	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 19:32	1
Fluoranthene	ND		9.97	0.628	ug/L		09/03/25 11:48	09/05/25 19:32	1
Fluorene	ND		9.97	0.668	ug/L		09/03/25 11:48	09/05/25 19:32	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		09/03/25 11:48	09/05/25 19:32	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		09/03/25 11:48	09/05/25 19:32	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		09/03/25 11:48	09/05/25 19:32	1
Hexachloroethane	ND		9.97	0.528	ug/L		09/03/25 11:48	09/05/25 19:32	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		09/03/25 11:48	09/05/25 19:32	1
Isophorone	ND		9.97	0.797	ug/L		09/03/25 11:48	09/05/25 19:32	1
Naphthalene	ND		9.97	0.748	ug/L		09/03/25 11:48	09/05/25 19:32	1
Nitrobenzene	ND		9.97	0.598	ug/L		09/03/25 11:48	09/05/25 19:32	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		09/03/25 11:48	09/05/25 19:32	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		09/03/25 11:48	09/05/25 19:32	1
Pentachlorophenol	ND		9.97	2.79	ug/L		09/03/25 11:48	09/05/25 19:32	1

Client Sample ID: MW-7

Lab Sample ID: 752-36344-2

Date Collected: 08/28/25 17:35

Matrix: Water

Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		9.97	0.738	ug/L		09/03/25 11:48	09/05/25 19:32	1
Phenol	ND		9.97	0.678	ug/L		09/03/25 11:48	09/05/25 19:32	1
Pyrene	ND		9.97	0.628	ug/L		09/03/25 11:48	09/05/25 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*09/03/25 11:48*	*09/05/25 19:32*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*09/03/25 11:48*	*09/05/25 19:32*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*09/03/25 11:48*	*09/05/25 19:32*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*09/03/25 11:48*	*09/05/25 19:32*	*1*
Phenol-d5 (Surr)	*58*		*10 - 150*	*09/03/25 11:48*	*09/05/25 19:32*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*09/03/25 11:48*	*09/05/25 19:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/06/25 01:09	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:09	1
Barium	**63.1**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:09	1
Beryllium	**1.23**		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:09	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:09	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:09	1
Cobalt	**0.621**	**J**	5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:09	1
Copper	**1.77**	**J**	2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:09	1
Lead	**1.47**		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:09	1
Manganese	**127**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:09	1
Nickel	**55.7**		5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:09	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:09	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:09	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:09	1
Vanadium	ND		5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:09	1
Zinc	**15.0**		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:09	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		09/11/25 15:18	09/12/25 07:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:01	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**186**		25.0	7.00	mg/L			09/10/25 14:57	5

Client Sample ID: MW-8

Lab Sample ID: 752-36344-3

Date Collected: 08/28/25 16:00

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 15:06	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 15:06	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 15:06	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 15:06	1

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

Job ID: 752-36344-1

Client Sample ID: MW-8
Date Collected: 08/28/25 16:00
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 15:06	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 15:06	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 15:06	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 15:06	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 15:06	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 15:06	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 15:06	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 15:06	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 15:06	1
Chloromethane	**0.815**	**J**	1.00	0.400	ug/L			09/05/25 15:06	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 15:06	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 15:06	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 15:06	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 15:06	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 15:06	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 15:06	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 15:06	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 15:06	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 15:06	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 15:06	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 15:06	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 15:06	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 15:06	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 15:06	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 15:06	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 15:06	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 15:06	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 15:06	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 15:06	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 15:06	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 15:06	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 15:06	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 15:06	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 15:06	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 15:06	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 15:06	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 15:06	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 15:06	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 15:06	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 15:06	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 15:06	1

Client Sample ID: MW-8
Date Collected: 08/28/25 16:00
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 15:06	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 15:06	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 15:06	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 15:06	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 15:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 15:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 15:06	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 15:06	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 15:06	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 15:06	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 15:06	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 15:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 15:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 15:06	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 15:06	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 15:06	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*09/05/25 15:06*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*09/05/25 15:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*09/05/25 15:06*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*09/05/25 15:06*	*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		0.299	0.299	ug/L		09/02/25 10:30	09/05/25 19:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*09/02/25 10:30*	*09/05/25 19:02*	*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		10.0	0.420	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		09/03/25 11:48	09/05/25 20:07	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		09/03/25 11:48	09/05/25 20:07	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		09/03/25 11:48	09/05/25 20:07	1
2-Chlorophenol	ND		10.0	0.840	ug/L		09/03/25 11:48	09/05/25 20:07	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		09/03/25 11:48	09/05/25 20:07	1
2-Methylphenol	ND		10.0	0.760	ug/L		09/03/25 11:48	09/05/25 20:07	1
2-Nitroaniline	ND		10.0	1.37	ug/L		09/03/25 11:48	09/05/25 20:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		09/03/25 11:48	09/05/25 20:07	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		09/03/25 11:48	09/05/25 20:07	1

Client: S&ME Inc
Job ID: 752-36344-1
Project/Site: Walltown Park

Client Sample ID: MW-8
Lab Sample ID: 752-36344-3
Date Collected: 08/28/25 16:00
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		09/03/25 11:48	09/05/25 20:07	1
3-Nitroaniline	ND		10.0	0.950	ug/L		09/03/25 11:48	09/05/25 20:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		09/03/25 11:48	09/05/25 20:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		09/03/25 11:48	09/05/25 20:07	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		09/03/25 11:48	09/05/25 20:07	1
4-Chloroaniline	ND		10.0	0.580	ug/L		09/03/25 11:48	09/05/25 20:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		09/03/25 11:48	09/05/25 20:07	1
4-Nitroaniline	ND		10.0	3.50	ug/L		09/03/25 11:48	09/05/25 20:07	1
4-Nitrophenol	ND		10.0	2.74	ug/L		09/03/25 11:48	09/05/25 20:07	1
Acenaphthene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 20:07	1
Acenaphthylene	ND		10.0	0.760	ug/L		09/03/25 11:48	09/05/25 20:07	1
Acetophenone	ND		10.0	3.20	ug/L		09/03/25 11:48	09/05/25 20:07	1
Anthracene	ND		10.0	0.910	ug/L		09/03/25 11:48	09/05/25 20:07	1
Atrazine	ND		10.0	1.13	ug/L		09/03/25 11:48	09/05/25 20:07	1
Benzaldehyde	ND		10.0	0.670	ug/L		09/03/25 11:48	09/05/25 20:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		09/03/25 11:48	09/05/25 20:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 20:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 20:07	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		09/03/25 11:48	09/05/25 20:07	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		09/03/25 11:48	09/05/25 20:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		09/03/25 11:48	09/05/25 20:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		09/03/25 11:48	09/05/25 20:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		09/03/25 11:48	09/05/25 20:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 20:07	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 20:07	1
Caprolactam	ND		10.0	2.40	ug/L		09/03/25 11:48	09/05/25 20:07	1
Carbazole	ND		10.0	0.320	ug/L		09/03/25 11:48	09/05/25 20:07	1
Chrysene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 20:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		09/03/25 11:48	09/05/25 20:07	1
Dibenzofuran	ND		10.0	0.640	ug/L		09/03/25 11:48	09/05/25 20:07	1
Diethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 20:07	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 20:07	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		09/03/25 11:48	09/05/25 20:07	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 20:07	1
Fluoranthene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 20:07	1
Fluorene	ND		10.0	0.670	ug/L		09/03/25 11:48	09/05/25 20:07	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		09/03/25 11:48	09/05/25 20:07	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		09/03/25 11:48	09/05/25 20:07	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		09/03/25 11:48	09/05/25 20:07	1
Hexachloroethane	ND		10.0	0.530	ug/L		09/03/25 11:48	09/05/25 20:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 20:07	1
Isophorone	ND		10.0	0.800	ug/L		09/03/25 11:48	09/05/25 20:07	1
Naphthalene	ND		10.0	0.750	ug/L		09/03/25 11:48	09/05/25 20:07	1
Nitrobenzene	ND		10.0	0.600	ug/L		09/03/25 11:48	09/05/25 20:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		09/03/25 11:48	09/05/25 20:07	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		09/03/25 11:48	09/05/25 20:07	1
Pentachlorophenol	ND		10.0	2.80	ug/L		09/03/25 11:48	09/05/25 20:07	1
Phenanthrene	ND		10.0	0.740	ug/L		09/03/25 11:48	09/05/25 20:07	1
Phenol	ND		10.0	0.680	ug/L		09/03/25 11:48	09/05/25 20:07	1

Client Sample ID: MW-8

Lab Sample ID: 752-36344-3

Date Collected: 08/28/25 16:00

Matrix: Water

Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*09/03/25 11:48*	*09/05/25 20:07*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*09/03/25 11:48*	*09/05/25 20:07*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*09/03/25 11:48*	*09/05/25 20:07*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*09/03/25 11:48*	*09/05/25 20:07*	*1*
Phenol-d5 (Surr)	*57*		*10 - 150*	*09/03/25 11:48*	*09/05/25 20:07*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*09/03/25 11:48*	*09/05/25 20:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/06/25 01:12	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:12	1
Barium	**163**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:12	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:12	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:12	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:12	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:12	1
Copper	**0.801**	**J**	2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:12	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:12	1
Manganese	**233**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:12	1
Nickel	**0.563**	**J**	5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:12	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:12	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:12	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:12	1
Vanadium	**3.44**	**J**	5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:12	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 07:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:02	1
Nitrate as N (SM Nitrate by calc)	**0.0832**	**J**	0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**8.12**		5.00	1.40	mg/L			09/10/25 14:07	1

Client Sample ID: MW-9

Lab Sample ID: 752-36344-4

Date Collected: 08/28/25 14:15

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 15:33	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 15:33	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 15:33	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 15:33	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 15:33	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 15:33	1

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

Job ID: 752-36344-1

Client Sample ID: MW-9
Date Collected: 08/28/25 14:15
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 15:33	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 15:33	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 15:33	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 15:33	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 15:33	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 15:33	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 15:33	1
Chloromethane	ND		1.00	0.400	ug/L			09/05/25 15:33	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 15:33	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 15:33	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 15:33	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 15:33	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 15:33	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 15:33	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 15:33	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 15:33	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 15:33	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:33	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 15:33	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 15:33	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 15:33	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 15:33	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 15:33	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 15:33	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 15:33	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 15:33	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 15:33	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 15:33	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 15:33	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 15:33	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 15:33	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 15:33	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 15:33	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 15:33	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 15:33	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 15:33	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 15:33	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 15:33	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 15:33	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 15:33	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 15:33	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 15:33	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 15:33	1

Client Sample ID: MW-9
Date Collected: 08/28/25 14:15
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 15:33	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 15:33	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 15:33	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 15:33	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 15:33	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 15:33	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 15:33	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 15:33	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 15:33	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 15:33	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 15:33	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 15:33	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 15:33	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 15:33	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 15:33	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 15:33	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*09/05/25 15:33*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*09/05/25 15:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*09/05/25 15:33*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*09/05/25 15:33*	*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		0.297	0.297	ug/L		09/02/25 10:30	09/05/25 20:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*09/02/25 10:30*	*09/05/25 20:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		09/03/25 11:48	09/05/25 20:42	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		09/03/25 11:48	09/05/25 20:42	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		09/03/25 11:48	09/05/25 20:42	1
2-Chlorophenol	ND		9.97	0.837	ug/L		09/03/25 11:48	09/05/25 20:42	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		09/03/25 11:48	09/05/25 20:42	1
2-Methylphenol	ND		9.97	0.757	ug/L		09/03/25 11:48	09/05/25 20:42	1
2-Nitroaniline	ND		9.97	1.37	ug/L		09/03/25 11:48	09/05/25 20:42	1
2-Nitrophenol	ND		9.97	1.17	ug/L		09/03/25 11:48	09/05/25 20:42	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		09/03/25 11:48	09/05/25 20:42	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		09/03/25 11:48	09/05/25 20:42	1
3-Nitroaniline	ND		9.97	0.947	ug/L		09/03/25 11:48	09/05/25 20:42	1

Client Sample ID: MW-9
Lab Sample ID: 752-36344-4
Date Collected: 08/28/25 14:15
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		09/03/25 11:48	09/05/25 20:42	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		09/03/25 11:48	09/05/25 20:42	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		09/03/25 11:48	09/05/25 20:42	1
4-Chloroaniline	ND		9.97	0.578	ug/L		09/03/25 11:48	09/05/25 20:42	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		09/03/25 11:48	09/05/25 20:42	1
4-Nitroaniline	ND		9.97	3.49	ug/L		09/03/25 11:48	09/05/25 20:42	1
4-Nitrophenol	ND		9.97	2.73	ug/L		09/03/25 11:48	09/05/25 20:42	1
Acenaphthene	ND		9.97	0.628	ug/L		09/03/25 11:48	09/05/25 20:42	1
Acenaphthylene	ND		9.97	0.757	ug/L		09/03/25 11:48	09/05/25 20:42	1
Acetophenone	ND		9.97	3.19	ug/L		09/03/25 11:48	09/05/25 20:42	1
Anthracene	ND		9.97	0.907	ug/L		09/03/25 11:48	09/05/25 20:42	1
Atrazine	ND		9.97	1.13	ug/L		09/03/25 11:48	09/05/25 20:42	1
Benzaldehyde	ND		9.97	0.668	ug/L		09/03/25 11:48	09/05/25 20:42	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		09/03/25 11:48	09/05/25 20:42	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		09/03/25 11:48	09/05/25 20:42	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		09/03/25 11:48	09/05/25 20:42	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		09/03/25 11:48	09/05/25 20:42	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		09/03/25 11:48	09/05/25 20:42	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		09/03/25 11:48	09/05/25 20:42	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		09/03/25 11:48	09/05/25 20:42	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		09/03/25 11:48	09/05/25 20:42	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 20:42	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 20:42	1
Caprolactam	ND		9.97	2.39	ug/L		09/03/25 11:48	09/05/25 20:42	1
Carbazole	ND		9.97	0.319	ug/L		09/03/25 11:48	09/05/25 20:42	1
Chrysene	ND		9.97	1.20	ug/L		09/03/25 11:48	09/05/25 20:42	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		09/03/25 11:48	09/05/25 20:42	1
Dibenzofuran	ND		9.97	0.638	ug/L		09/03/25 11:48	09/05/25 20:42	1
Diethyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 20:42	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 20:42	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		09/03/25 11:48	09/05/25 20:42	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		09/03/25 11:48	09/05/25 20:42	1
Fluoranthene	ND		9.97	0.628	ug/L		09/03/25 11:48	09/05/25 20:42	1
Fluorene	ND		9.97	0.668	ug/L		09/03/25 11:48	09/05/25 20:42	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		09/03/25 11:48	09/05/25 20:42	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		09/03/25 11:48	09/05/25 20:42	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		09/03/25 11:48	09/05/25 20:42	1
Hexachloroethane	ND		9.97	0.528	ug/L		09/03/25 11:48	09/05/25 20:42	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		09/03/25 11:48	09/05/25 20:42	1
Isophorone	ND		9.97	0.797	ug/L		09/03/25 11:48	09/05/25 20:42	1
Naphthalene	ND		9.97	0.748	ug/L		09/03/25 11:48	09/05/25 20:42	1
Nitrobenzene	ND		9.97	0.598	ug/L		09/03/25 11:48	09/05/25 20:42	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		09/03/25 11:48	09/05/25 20:42	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		09/03/25 11:48	09/05/25 20:42	1
Pentachlorophenol	ND		9.97	2.79	ug/L		09/03/25 11:48	09/05/25 20:42	1
Phenanthrene	ND		9.97	0.738	ug/L		09/03/25 11:48	09/05/25 20:42	1
Phenol	ND		9.97	0.678	ug/L		09/03/25 11:48	09/05/25 20:42	1
Pyrene	ND		9.97	0.628	ug/L		09/03/25 11:48	09/05/25 20:42	1

Client Sample ID: MW-9

Lab Sample ID: 752-36344-4

Date Collected: 08/28/25 14:15

Matrix: Water

Date Received: 08/29/25 10:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*09/03/25 11:48*	*09/05/25 20:42*	*1*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*	*09/03/25 11:48*	*09/05/25 20:42*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 150*	*09/03/25 11:48*	*09/05/25 20:42*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*	*09/03/25 11:48*	*09/05/25 20:42*	*1*
Phenol-d5 (Surr)	*75*		*10 - 150*	*09/03/25 11:48*	*09/05/25 20:42*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*09/03/25 11:48*	*09/05/25 20:42*	*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		09/04/25 07:59	09/06/25 01:14	1
Arsenic	**1.47**	**J**	5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:14	1
Barium	**178**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:14	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:14	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:14	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:14	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:14	1
Copper	ND		2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:14	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:14	1
Manganese	**231**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:14	1
Nickel	**0.450**	**J**	5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:14	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:14	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:14	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:14	1
Vanadium	**3.54**	**J**	5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:14	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 07:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:04	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**1.93**	**J**	5.00	1.40	mg/L			09/10/25 14:08	1

Client Sample ID: Duplicate-1

Lab Sample ID: 752-36344-5

Date Collected: 08/28/25 00:00

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 15:58	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 15:58	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 15:58	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 15:58	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 15:58	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 15:58	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 15:58	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 15:58	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 15:58	1

Client: S&ME Inc
Job ID: 752-36344-1
Project/Site: Walltown Park

Client Sample ID: Duplicate-1
Lab Sample ID: 752-36344-5
Date Collected: 08/28/25 00:00
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 15:58	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 15:58	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 15:58	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 15:58	1
Chloromethane	**1.15**		1.00	0.400	ug/L			09/05/25 15:58	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 15:58	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 15:58	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 15:58	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 15:58	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 15:58	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 15:58	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 15:58	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 15:58	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 15:58	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 15:58	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 15:58	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 15:58	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 15:58	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 15:58	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 15:58	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 15:58	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 15:58	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 15:58	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 15:58	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 15:58	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 15:58	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 15:58	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 15:58	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 15:58	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 15:58	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 15:58	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 15:58	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 15:58	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 15:58	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 15:58	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 15:58	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 15:58	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 15:58	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 15:58	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 15:58	1

Client Sample ID: Duplicate-1
Date Collected: 08/28/25 00:00
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 15:58	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 15:58	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 15:58	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 15:58	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 15:58	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 15:58	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 15:58	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 15:58	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 15:58	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 15:58	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 15:58	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 15:58	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 15:58	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*09/05/25 15:58*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*09/05/25 15:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*09/05/25 15:58*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*09/05/25 15:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.645**		0.288	0.288	ug/L		09/02/25 10:30	09/05/25 21:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*10 - 140*	*09/02/25 10:30*	*09/05/25 21:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		09/03/25 11:48	09/05/25 21:16	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		09/03/25 11:48	09/05/25 21:16	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		09/03/25 11:48	09/05/25 21:16	1
2-Chlorophenol	ND		10.0	0.843	ug/L		09/03/25 11:48	09/05/25 21:16	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		09/03/25 11:48	09/05/25 21:16	1
2-Methylphenol	ND		10.0	0.763	ug/L		09/03/25 11:48	09/05/25 21:16	1
2-Nitroaniline	ND		10.0	1.37	ug/L		09/03/25 11:48	09/05/25 21:16	1
2-Nitrophenol	ND		10.0	1.17	ug/L		09/03/25 11:48	09/05/25 21:16	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		09/03/25 11:48	09/05/25 21:16	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		09/03/25 11:48	09/05/25 21:16	1
3-Nitroaniline	ND		10.0	0.953	ug/L		09/03/25 11:48	09/05/25 21:16	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		09/03/25 11:48	09/05/25 21:16	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		09/03/25 11:48	09/05/25 21:16	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		09/03/25 11:48	09/05/25 21:16	1

Client Sample ID: Duplicate-1
Date Collected: 08/28/25 00:00
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		10.0	0.582	ug/L		09/03/25 11:48	09/05/25 21:16	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		09/03/25 11:48	09/05/25 21:16	1
4-Nitroaniline	ND		10.0	3.51	ug/L		09/03/25 11:48	09/05/25 21:16	1
4-Nitrophenol	ND		10.0	2.75	ug/L		09/03/25 11:48	09/05/25 21:16	1
Acenaphthene	ND		10.0	0.632	ug/L		09/03/25 11:48	09/05/25 21:16	1
Acenaphthylene	ND		10.0	0.763	ug/L		09/03/25 11:48	09/05/25 21:16	1
Acetophenone	ND		10.0	3.21	ug/L		09/03/25 11:48	09/05/25 21:16	1
Anthracene	ND		10.0	0.913	ug/L		09/03/25 11:48	09/05/25 21:16	1
Atrazine	ND		10.0	1.13	ug/L		09/03/25 11:48	09/05/25 21:16	1
Benzaldehyde	ND		10.0	0.672	ug/L		09/03/25 11:48	09/05/25 21:16	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		09/03/25 11:48	09/05/25 21:16	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 21:16	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 21:16	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		09/03/25 11:48	09/05/25 21:16	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		09/03/25 11:48	09/05/25 21:16	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		09/03/25 11:48	09/05/25 21:16	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		09/03/25 11:48	09/05/25 21:16	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		09/03/25 11:48	09/05/25 21:16	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		09/03/25 11:48	09/05/25 21:16	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		09/03/25 11:48	09/05/25 21:16	1
Caprolactam	ND		10.0	2.41	ug/L		09/03/25 11:48	09/05/25 21:16	1
Carbazole	ND		10.0	0.321	ug/L		09/03/25 11:48	09/05/25 21:16	1
Chrysene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 21:16	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		09/03/25 11:48	09/05/25 21:16	1
Dibenzofuran	ND		10.0	0.642	ug/L		09/03/25 11:48	09/05/25 21:16	1
Diethyl phthalate	ND		10.0	4.01	ug/L		09/03/25 11:48	09/05/25 21:16	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		09/03/25 11:48	09/05/25 21:16	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		09/03/25 11:48	09/05/25 21:16	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		09/03/25 11:48	09/05/25 21:16	1
Fluoranthene	ND		10.0	0.632	ug/L		09/03/25 11:48	09/05/25 21:16	1
Fluorene	ND		10.0	0.672	ug/L		09/03/25 11:48	09/05/25 21:16	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		09/03/25 11:48	09/05/25 21:16	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		09/03/25 11:48	09/05/25 21:16	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		09/03/25 11:48	09/05/25 21:16	1
Hexachloroethane	ND		10.0	0.532	ug/L		09/03/25 11:48	09/05/25 21:16	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 21:16	1
Isophorone	ND		10.0	0.803	ug/L		09/03/25 11:48	09/05/25 21:16	1
Naphthalene	ND		10.0	0.753	ug/L		09/03/25 11:48	09/05/25 21:16	1
Nitrobenzene	ND		10.0	0.602	ug/L		09/03/25 11:48	09/05/25 21:16	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		09/03/25 11:48	09/05/25 21:16	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		09/03/25 11:48	09/05/25 21:16	1
Pentachlorophenol	ND		10.0	2.81	ug/L		09/03/25 11:48	09/05/25 21:16	1
Phenanthrene	ND		10.0	0.742	ug/L		09/03/25 11:48	09/05/25 21:16	1
Phenol	ND		10.0	0.682	ug/L		09/03/25 11:48	09/05/25 21:16	1
Pyrene	ND		10.0	0.632	ug/L		09/03/25 11:48	09/05/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*09/03/25 11:48*	*09/05/25 21:16*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*09/03/25 11:48*	*09/05/25 21:16*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 150*	*09/03/25 11:48*	*09/05/25 21:16*	*1*

Client Sample ID: Duplicate-1

Lab Sample ID: 752-36344-5

Date Collected: 08/28/25 00:00

Matrix: Water

Date Received: 08/29/25 10:55

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*09/03/25 11:48*	*09/05/25 21:16*	*1*
Phenol-d5 (Surr)	*73*		*10 - 150*	*09/03/25 11:48*	*09/05/25 21:16*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*09/03/25 11:48*	*09/05/25 21:16*	*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		09/04/25 07:59	09/06/25 01:31	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:31	1
Barium	**567**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:31	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:31	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:31	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:31	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:31	1
Copper	ND		2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:31	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:31	1
Manganese	**217**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:31	1
Nickel	ND		5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:31	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:31	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:31	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:31	1
Vanadium	ND		5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:31	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 08:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND	F1	0.0500	0.0200	mg/L			09/03/25 13:09	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**17.9**		5.00	1.40	mg/L			09/10/25 14:08	1

Client Sample ID: MW-1

Lab Sample ID: 752-36344-6

Date Collected: 08/28/25 14:35

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 16:22	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 16:22	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 16:22	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 16:22	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 16:22	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 16:22	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 16:22	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 16:22	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 16:22	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 16:22	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 16:22	1

Client Sample ID: MW-1
Lab Sample ID: 752-36344-6
Date Collected: 08/28/25 14:35
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 16:22	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 16:22	1
Chloromethane	**0.723**	**J**	1.00	0.400	ug/L			09/05/25 16:22	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 16:22	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 16:22	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 16:22	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 16:22	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 16:22	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 16:22	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 16:22	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 16:22	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 16:22	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 16:22	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 16:22	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 16:22	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 16:22	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 16:22	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 16:22	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 16:22	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 16:22	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 16:22	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 16:22	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 16:22	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 16:22	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 16:22	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 16:22	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 16:22	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 16:22	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 16:22	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 16:22	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 16:22	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 16:22	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 16:22	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 16:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 16:22	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 16:22	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 16:22	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 16:22	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 16:22	1

Client Sample ID: MW-1
Date Collected: 08/28/25 14:35
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 16:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 16:22	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 16:22	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 16:22	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 16:22	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 16:22	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 16:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 16:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 16:22	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 16:22	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 16:22	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*09/05/25 16:22*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*09/05/25 16:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*09/05/25 16:22*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*09/05/25 16:22*	*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		0.323	0.323	ug/L		09/02/25 10:30	09/05/25 21:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*09/02/25 10:30*	*09/05/25 21:22*	*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		10.1	0.424	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		09/03/25 11:48	09/05/25 21:50	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		09/03/25 11:48	09/05/25 21:50	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		09/03/25 11:48	09/05/25 21:50	1
2-Chlorophenol	ND		10.1	0.848	ug/L		09/03/25 11:48	09/05/25 21:50	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		09/03/25 11:48	09/05/25 21:50	1
2-Methylphenol	ND		10.1	0.768	ug/L		09/03/25 11:48	09/05/25 21:50	1
2-Nitroaniline	ND		10.1	1.38	ug/L		09/03/25 11:48	09/05/25 21:50	1
2-Nitrophenol	ND		10.1	1.18	ug/L		09/03/25 11:48	09/05/25 21:50	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		09/03/25 11:48	09/05/25 21:50	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		09/03/25 11:48	09/05/25 21:50	1
3-Nitroaniline	ND		10.1	0.960	ug/L		09/03/25 11:48	09/05/25 21:50	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		09/03/25 11:48	09/05/25 21:50	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		09/03/25 11:48	09/05/25 21:50	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		09/03/25 11:48	09/05/25 21:50	1
4-Chloroaniline	ND		10.1	0.586	ug/L		09/03/25 11:48	09/05/25 21:50	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		09/03/25 11:48	09/05/25 21:50	1

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

Job ID: 752-36344-1

Client Sample ID: MW-1
Date Collected: 08/28/25 14:35
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10.1	3.54	ug/L		09/03/25 11:48	09/05/25 21:50	1
4-Nitrophenol	ND		10.1	2.77	ug/L		09/03/25 11:48	09/05/25 21:50	1
Acenaphthene	ND		10.1	0.636	ug/L		09/03/25 11:48	09/05/25 21:50	1
Acenaphthylene	ND		10.1	0.768	ug/L		09/03/25 11:48	09/05/25 21:50	1
Acetophenone	ND		10.1	3.23	ug/L		09/03/25 11:48	09/05/25 21:50	1
Anthracene	ND		10.1	0.919	ug/L		09/03/25 11:48	09/05/25 21:50	1
Atrazine	ND		10.1	1.14	ug/L		09/03/25 11:48	09/05/25 21:50	1
Benzaldehyde	ND		10.1	0.677	ug/L		09/03/25 11:48	09/05/25 21:50	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		09/03/25 11:48	09/05/25 21:50	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		09/03/25 11:48	09/05/25 21:50	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		09/03/25 11:48	09/05/25 21:50	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		09/03/25 11:48	09/05/25 21:50	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		09/03/25 11:48	09/05/25 21:50	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		09/03/25 11:48	09/05/25 21:50	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		09/03/25 11:48	09/05/25 21:50	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		09/03/25 11:48	09/05/25 21:50	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		09/03/25 11:48	09/05/25 21:50	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		09/03/25 11:48	09/05/25 21:50	1
Caprolactam	ND		10.1	2.42	ug/L		09/03/25 11:48	09/05/25 21:50	1
Carbazole	ND		10.1	0.323	ug/L		09/03/25 11:48	09/05/25 21:50	1
Chrysene	ND		10.1	1.21	ug/L		09/03/25 11:48	09/05/25 21:50	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		09/03/25 11:48	09/05/25 21:50	1
Dibenzofuran	ND		10.1	0.646	ug/L		09/03/25 11:48	09/05/25 21:50	1
Diethyl phthalate	ND		10.1	4.04	ug/L		09/03/25 11:48	09/05/25 21:50	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		09/03/25 11:48	09/05/25 21:50	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		09/03/25 11:48	09/05/25 21:50	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		09/03/25 11:48	09/05/25 21:50	1
Fluoranthene	ND		10.1	0.636	ug/L		09/03/25 11:48	09/05/25 21:50	1
Fluorene	ND		10.1	0.677	ug/L		09/03/25 11:48	09/05/25 21:50	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		09/03/25 11:48	09/05/25 21:50	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		09/03/25 11:48	09/05/25 21:50	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		09/03/25 11:48	09/05/25 21:50	1
Hexachloroethane	ND		10.1	0.535	ug/L		09/03/25 11:48	09/05/25 21:50	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		09/03/25 11:48	09/05/25 21:50	1
Isophorone	ND		10.1	0.808	ug/L		09/03/25 11:48	09/05/25 21:50	1
Naphthalene	ND		10.1	0.758	ug/L		09/03/25 11:48	09/05/25 21:50	1
Nitrobenzene	ND		10.1	0.606	ug/L		09/03/25 11:48	09/05/25 21:50	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		09/03/25 11:48	09/05/25 21:50	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		09/03/25 11:48	09/05/25 21:50	1
Pentachlorophenol	ND		10.1	2.83	ug/L		09/03/25 11:48	09/05/25 21:50	1
Phenanthrene	ND		10.1	0.747	ug/L		09/03/25 11:48	09/05/25 21:50	1
Phenol	ND		10.1	0.687	ug/L		09/03/25 11:48	09/05/25 21:50	1
Pyrene	ND		10.1	0.636	ug/L		09/03/25 11:48	09/05/25 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*09/03/25 11:48*	*09/05/25 21:50*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*09/03/25 11:48*	*09/05/25 21:50*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 150*	*09/03/25 11:48*	*09/05/25 21:50*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*09/03/25 11:48*	*09/05/25 21:50*	*1*
Phenol-d5 (Surr)	*72*		*10 - 150*	*09/03/25 11:48*	*09/05/25 21:50*	*1*

Client Sample ID: MW-1

Lab Sample ID: 752-36344-6

Date Collected: 08/28/25 14:35

Matrix: Water

Date Received: 08/29/25 10:55

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*60*		*28 - 150*	*09/03/25 11:48*	*09/05/25 21:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/06/25 01:34	1
Arsenic	**1.75**	**J**	5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:34	1
Barium	**63.7**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:34	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:34	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:34	1
Chromium	**9.47**		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:34	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:34	1
Copper	**1.94**	**J**	2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:34	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:34	1
Manganese	**35.8**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:34	1
Nickel	**1.48**	**J**	5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:34	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:34	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:34	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:34	1
Vanadium	**2.45**	**J**	5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:34	1
Zinc	**22.8**		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 08:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:14	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**1.82**	**J**	5.00	1.40	mg/L			09/10/25 14:09	1

Client Sample ID: MW-2

Lab Sample ID: 752-36344-7

Date Collected: 08/28/25 16:40

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 16:46	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 16:46	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 16:46	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 16:46	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 16:46	1
2-Butanone (MEK)	**4.92**	**J**	25.0	2.60	ug/L			09/05/25 16:46	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 16:46	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 16:46	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 16:46	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 16:46	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 16:46	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 16:46	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 16:46	1

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

Job ID: 752-36344-1

Client Sample ID: MW-2
Date Collected: 08/28/25 16:40
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.17		1.00	0.400	ug/L			09/05/25 16:46	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 16:46	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 16:46	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 16:46	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 16:46	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 16:46	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 16:46	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 16:46	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 16:46	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 16:46	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 16:46	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 16:46	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 16:46	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 16:46	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 16:46	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 16:46	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 16:46	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 16:46	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 16:46	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 16:46	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 16:46	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 16:46	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 16:46	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 16:46	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 16:46	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 16:46	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 16:46	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 16:46	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 16:46	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 16:46	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 16:46	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 16:46	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 16:46	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 16:46	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 16:46	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 16:46	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 16:46	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 16:46	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 16:46	1

Client Sample ID: MW-2
Date Collected: 08/28/25 16:40
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-7
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	0.180	ug/L			09/05/25 16:46	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 16:46	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 16:46	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 16:46	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 16:46	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 16:46	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 16:46	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 16:46	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 16:46	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*09/05/25 16:46*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*09/05/25 16:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*09/05/25 16:46*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*09/05/25 16:46*	*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		0.420	0.420	ug/L		09/02/25 10:30	09/05/25 21:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 140*	*09/02/25 10:30*	*09/05/25 21:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		09/03/25 11:48	09/05/25 22:24	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		09/03/25 11:48	09/05/25 22:24	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		09/03/25 11:48	09/05/25 22:24	1
2-Chlorophenol	ND		10.1	0.846	ug/L		09/03/25 11:48	09/05/25 22:24	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		09/03/25 11:48	09/05/25 22:24	1
2-Methylphenol	ND		10.1	0.765	ug/L		09/03/25 11:48	09/05/25 22:24	1
2-Nitroaniline	ND		10.1	1.38	ug/L		09/03/25 11:48	09/05/25 22:24	1
2-Nitrophenol	ND		10.1	1.18	ug/L		09/03/25 11:48	09/05/25 22:24	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		09/03/25 11:48	09/05/25 22:24	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		09/03/25 11:48	09/05/25 22:24	1
3-Nitroaniline	ND		10.1	0.956	ug/L		09/03/25 11:48	09/05/25 22:24	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		09/03/25 11:48	09/05/25 22:24	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		09/03/25 11:48	09/05/25 22:24	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		09/03/25 11:48	09/05/25 22:24	1
4-Chloroaniline	ND		10.1	0.584	ug/L		09/03/25 11:48	09/05/25 22:24	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		09/03/25 11:48	09/05/25 22:24	1
4-Nitroaniline	ND		10.1	3.52	ug/L		09/03/25 11:48	09/05/25 22:24	1
4-Nitrophenol	ND		10.1	2.76	ug/L		09/03/25 11:48	09/05/25 22:24	1

Client Sample ID: MW-2
Date Collected: 08/28/25 16:40
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10.1	0.634	ug/L		09/03/25 11:48	09/05/25 22:24	1
Acenaphthylene	ND		10.1	0.765	ug/L		09/03/25 11:48	09/05/25 22:24	1
Acetophenone	ND		10.1	3.22	ug/L		09/03/25 11:48	09/05/25 22:24	1
Anthracene	ND		10.1	0.916	ug/L		09/03/25 11:48	09/05/25 22:24	1
Atrazine	ND		10.1	1.14	ug/L		09/03/25 11:48	09/05/25 22:24	1
Benzaldehyde	ND		10.1	0.674	ug/L		09/03/25 11:48	09/05/25 22:24	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		09/03/25 11:48	09/05/25 22:24	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		09/03/25 11:48	09/05/25 22:24	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		09/03/25 11:48	09/05/25 22:24	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		09/03/25 11:48	09/05/25 22:24	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		09/03/25 11:48	09/05/25 22:24	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		09/03/25 11:48	09/05/25 22:24	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		09/03/25 11:48	09/05/25 22:24	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		09/03/25 11:48	09/05/25 22:24	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		09/03/25 11:48	09/05/25 22:24	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		09/03/25 11:48	09/05/25 22:24	1
Caprolactam	ND		10.1	2.42	ug/L		09/03/25 11:48	09/05/25 22:24	1
Carbazole	ND		10.1	0.322	ug/L		09/03/25 11:48	09/05/25 22:24	1
Chrysene	ND		10.1	1.21	ug/L		09/03/25 11:48	09/05/25 22:24	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		09/03/25 11:48	09/05/25 22:24	1
Dibenzofuran	ND		10.1	0.644	ug/L		09/03/25 11:48	09/05/25 22:24	1
Diethyl phthalate	ND		10.1	4.03	ug/L		09/03/25 11:48	09/05/25 22:24	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		09/03/25 11:48	09/05/25 22:24	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		09/03/25 11:48	09/05/25 22:24	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		09/03/25 11:48	09/05/25 22:24	1
Fluoranthene	ND		10.1	0.634	ug/L		09/03/25 11:48	09/05/25 22:24	1
Fluorene	ND		10.1	0.674	ug/L		09/03/25 11:48	09/05/25 22:24	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		09/03/25 11:48	09/05/25 22:24	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		09/03/25 11:48	09/05/25 22:24	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		09/03/25 11:48	09/05/25 22:24	1
Hexachloroethane	ND		10.1	0.534	ug/L		09/03/25 11:48	09/05/25 22:24	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		09/03/25 11:48	09/05/25 22:24	1
Isophorone	ND		10.1	0.805	ug/L		09/03/25 11:48	09/05/25 22:24	1
Naphthalene	ND		10.1	0.755	ug/L		09/03/25 11:48	09/05/25 22:24	1
Nitrobenzene	ND		10.1	0.604	ug/L		09/03/25 11:48	09/05/25 22:24	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		09/03/25 11:48	09/05/25 22:24	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		09/03/25 11:48	09/05/25 22:24	1
Pentachlorophenol	ND		10.1	2.82	ug/L		09/03/25 11:48	09/05/25 22:24	1
Phenanthrene	ND		10.1	0.745	ug/L		09/03/25 11:48	09/05/25 22:24	1
Phenol	ND		10.1	0.685	ug/L		09/03/25 11:48	09/05/25 22:24	1
Pyrene	ND		10.1	0.634	ug/L		09/03/25 11:48	09/05/25 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 150*	*09/03/25 11:48*	*09/05/25 22:24*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*09/03/25 11:48*	*09/05/25 22:24*	*1*
2-Fluorophenol (Surr)	*75*		*10 - 150*	*09/03/25 11:48*	*09/05/25 22:24*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*09/03/25 11:48*	*09/05/25 22:24*	*1*
Phenol-d5 (Surr)	*69*		*10 - 150*	*09/03/25 11:48*	*09/05/25 22:24*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*09/03/25 11:48*	*09/05/25 22:24*	*1*

Client Sample ID: MW-2

Lab Sample ID: 752-36344-7

Date Collected: 08/28/25 16:40

Matrix: Water

Date Received: 08/29/25 10:55

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		09/04/25 07:59	09/06/25 01:36	1
Arsenic	**1.56**	**J**	5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:36	1
Barium	**126**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:36	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:36	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:36	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:36	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:36	1
Copper	ND		2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:36	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:36	1
Manganese	**185**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:36	1
Nickel	**1.06**	**J**	5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:36	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:36	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:36	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:36	1
Vanadium	**3.25**	**J**	5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:36	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:16	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**27.3**		10.0	2.80	mg/L			09/10/25 14:58	2

Client Sample ID: MW-3

Lab Sample ID: 752-36344-8

Date Collected: 08/28/25 15:50

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 17:11	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 17:11	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 17:11	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 17:11	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 17:11	1
2-Butanone (MEK)	**5.62**	**J**	25.0	2.60	ug/L			09/05/25 17:11	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 17:11	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 17:11	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 17:11	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 17:11	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 17:11	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 17:11	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 17:11	1
Chloromethane	**1.65**		1.00	0.400	ug/L			09/05/25 17:11	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 17:11	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 17:11	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 17:11	1

Client Sample ID: MW-3
Date Collected: 08/28/25 15:50
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 17:11	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 17:11	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 17:11	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 17:11	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 17:11	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 17:11	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 17:11	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 17:11	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 17:11	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 17:11	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 17:11	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 17:11	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 17:11	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 17:11	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 17:11	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 17:11	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 17:11	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 17:11	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 17:11	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 17:11	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 17:11	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 17:11	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 17:11	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 17:11	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 17:11	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 17:11	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 17:11	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 17:11	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 17:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 17:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 17:11	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 17:11	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 17:11	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 17:11	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 17:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 17:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 17:11	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 17:11	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 17:11	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 17:11	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 17:11	1

Client Sample ID: MW-3
Date Collected: 08/28/25 15:50
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 17:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 17:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 17:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 17:11	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 17:11	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 17:11	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*09/05/25 17:11*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*09/05/25 17:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*09/05/25 17:11*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*09/05/25 17:11*	*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		0.314	0.314	ug/L		09/02/25 10:30	09/05/25 22:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*09/02/25 10:30*	*09/05/25 22:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		09/03/25 11:48	09/05/25 22:58	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		09/03/25 11:48	09/05/25 22:58	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		09/03/25 11:48	09/05/25 22:58	1
2-Chlorophenol	ND		10.0	0.840	ug/L		09/03/25 11:48	09/05/25 22:58	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		09/03/25 11:48	09/05/25 22:58	1
2-Methylphenol	ND		10.0	0.760	ug/L		09/03/25 11:48	09/05/25 22:58	1
2-Nitroaniline	ND		10.0	1.37	ug/L		09/03/25 11:48	09/05/25 22:58	1
2-Nitrophenol	ND		10.0	1.17	ug/L		09/03/25 11:48	09/05/25 22:58	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		09/03/25 11:48	09/05/25 22:58	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		09/03/25 11:48	09/05/25 22:58	1
3-Nitroaniline	ND		10.0	0.950	ug/L		09/03/25 11:48	09/05/25 22:58	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		09/03/25 11:48	09/05/25 22:58	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		09/03/25 11:48	09/05/25 22:58	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		09/03/25 11:48	09/05/25 22:58	1
4-Chloroaniline	ND		10.0	0.580	ug/L		09/03/25 11:48	09/05/25 22:58	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		09/03/25 11:48	09/05/25 22:58	1
4-Nitroaniline	ND		10.0	3.50	ug/L		09/03/25 11:48	09/05/25 22:58	1
4-Nitrophenol	ND		10.0	2.74	ug/L		09/03/25 11:48	09/05/25 22:58	1
Acenaphthene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 22:58	1
Acenaphthylene	ND		10.0	0.760	ug/L		09/03/25 11:48	09/05/25 22:58	1
Acetophenone	ND		10.0	3.20	ug/L		09/03/25 11:48	09/05/25 22:58	1
Anthracene	ND		10.0	0.910	ug/L		09/03/25 11:48	09/05/25 22:58	1

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

Job ID: 752-36344-1

Client Sample ID: MW-3
Date Collected: 08/28/25 15:50
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		10.0	1.13	ug/L		09/03/25 11:48	09/05/25 22:58	1
Benzaldehyde	ND		10.0	0.670	ug/L		09/03/25 11:48	09/05/25 22:58	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		09/03/25 11:48	09/05/25 22:58	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 22:58	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 22:58	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		09/03/25 11:48	09/05/25 22:58	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		09/03/25 11:48	09/05/25 22:58	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		09/03/25 11:48	09/05/25 22:58	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		09/03/25 11:48	09/05/25 22:58	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		09/03/25 11:48	09/05/25 22:58	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 22:58	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 22:58	1
Caprolactam	ND		10.0	2.40	ug/L		09/03/25 11:48	09/05/25 22:58	1
Carbazole	ND		10.0	0.320	ug/L		09/03/25 11:48	09/05/25 22:58	1
Chrysene	ND		10.0	1.20	ug/L		09/03/25 11:48	09/05/25 22:58	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		09/03/25 11:48	09/05/25 22:58	1
Dibenzofuran	ND		10.0	0.640	ug/L		09/03/25 11:48	09/05/25 22:58	1
Diethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 22:58	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 22:58	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		09/03/25 11:48	09/05/25 22:58	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:48	09/05/25 22:58	1
Fluoranthene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 22:58	1
Fluorene	ND		10.0	0.670	ug/L		09/03/25 11:48	09/05/25 22:58	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		09/03/25 11:48	09/05/25 22:58	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		09/03/25 11:48	09/05/25 22:58	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		09/03/25 11:48	09/05/25 22:58	1
Hexachloroethane	ND		10.0	0.530	ug/L		09/03/25 11:48	09/05/25 22:58	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:48	09/05/25 22:58	1
Isophorone	ND		10.0	0.800	ug/L		09/03/25 11:48	09/05/25 22:58	1
Naphthalene	ND		10.0	0.750	ug/L		09/03/25 11:48	09/05/25 22:58	1
Nitrobenzene	ND		10.0	0.600	ug/L		09/03/25 11:48	09/05/25 22:58	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		09/03/25 11:48	09/05/25 22:58	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		09/03/25 11:48	09/05/25 22:58	1
Pentachlorophenol	ND		10.0	2.80	ug/L		09/03/25 11:48	09/05/25 22:58	1
Phenanthrene	ND		10.0	0.740	ug/L		09/03/25 11:48	09/05/25 22:58	1
Phenol	ND		10.0	0.680	ug/L		09/03/25 11:48	09/05/25 22:58	1
Pyrene	ND		10.0	0.630	ug/L		09/03/25 11:48	09/05/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*09/03/25 11:48*	*09/05/25 22:58*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*09/03/25 11:48*	*09/05/25 22:58*	*1*
2-Fluorophenol (Surr)	*54*		*10 - 150*	*09/03/25 11:48*	*09/05/25 22:58*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*09/03/25 11:48*	*09/05/25 22:58*	*1*
Phenol-d5 (Surr)	*41*		*10 - 150*	*09/03/25 11:48*	*09/05/25 22:58*	*1*
Terphenyl-d14 (Surr)	*63*		*28 - 150*	*09/03/25 11:48*	*09/05/25 22:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/06/25 01:39	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:39	1

Client Sample ID: MW-3

Lab Sample ID: 752-36344-8

Date Collected: 08/28/25 15:50

Matrix: Water

Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**76.2**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:39	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:39	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:39	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:39	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:39	1
Copper	ND		2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:39	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:39	1
Manganese	**5.43**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:39	1
Nickel	ND		5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:39	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:39	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:39	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:39	1
Vanadium	**2.28**	**J**	5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:39	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:18	1
Nitrate as N (SM Nitrate by calc)	**0.269**		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**33.4**		5.00	1.40	mg/L			09/10/25 14:10	1

Client Sample ID: MW-5

Lab Sample ID: 752-36344-9

Date Collected: 08/28/25 11:50

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 17:35	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 17:35	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 17:35	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 17:35	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 17:35	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 17:35	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 17:35	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 17:35	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 17:35	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 17:35	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 17:35	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 17:35	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 17:35	1
Chloromethane	**0.773**	**J**	1.00	0.400	ug/L			09/05/25 17:35	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 17:35	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 17:35	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 17:35	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 17:35	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 17:35	1

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

Job ID: 752-36344-1

Client Sample ID: MW-5
Date Collected: 08/28/25 11:50
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 17:35	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 17:35	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 17:35	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 17:35	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 17:35	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 17:35	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 17:35	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 17:35	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 17:35	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 17:35	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 17:35	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 17:35	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 17:35	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 17:35	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 17:35	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 17:35	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 17:35	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 17:35	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 17:35	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 17:35	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 17:35	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 17:35	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 17:35	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 17:35	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 17:35	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 17:35	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 17:35	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 17:35	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 17:35	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 17:35	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 17:35	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 17:35	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 17:35	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 17:35	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 17:35	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 17:35	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 17:35	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 17:35	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 17:35	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 17:35	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 17:35	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 17:35	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 17:35	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 17:35	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 17:35	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 17:35	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 17:35	1

Client Sample ID: MW-5
Date Collected: 08/28/25 11:50
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 17:35	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 17:35	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 17:35	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 17:35	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*09/05/25 17:35*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*09/05/25 17:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*09/05/25 17:35*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*09/05/25 17:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.285	0.285	ug/L		09/02/25 10:30	09/05/25 22:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*09/02/25 10:30*	*09/05/25 22:27*	*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		09/03/25 11:48	09/05/25 23:31	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		09/03/25 11:48	09/05/25 23:31	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		09/03/25 11:48	09/05/25 23:31	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		09/03/25 11:48	09/05/25 23:31	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		09/03/25 11:48	09/05/25 23:31	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		09/03/25 11:48	09/05/25 23:31	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		09/03/25 11:48	09/05/25 23:31	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		09/03/25 11:48	09/05/25 23:31	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		09/03/25 11:48	09/05/25 23:31	1
2-Chlorophenol	ND		10.1	0.851	ug/L		09/03/25 11:48	09/05/25 23:31	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		09/03/25 11:48	09/05/25 23:31	1
2-Methylphenol	ND		10.1	0.770	ug/L		09/03/25 11:48	09/05/25 23:31	1
2-Nitroaniline	ND		10.1	1.39	ug/L		09/03/25 11:48	09/05/25 23:31	1
2-Nitrophenol	ND		10.1	1.19	ug/L		09/03/25 11:48	09/05/25 23:31	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		09/03/25 11:48	09/05/25 23:31	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		09/03/25 11:48	09/05/25 23:31	1
3-Nitroaniline	ND		10.1	0.963	ug/L		09/03/25 11:48	09/05/25 23:31	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		09/03/25 11:48	09/05/25 23:31	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		09/03/25 11:48	09/05/25 23:31	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		09/03/25 11:48	09/05/25 23:31	1
4-Chloroaniline	ND		10.1	0.588	ug/L		09/03/25 11:48	09/05/25 23:31	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		09/03/25 11:48	09/05/25 23:31	1
4-Nitroaniline	ND		10.1	3.55	ug/L		09/03/25 11:48	09/05/25 23:31	1
4-Nitrophenol	ND		10.1	2.78	ug/L		09/03/25 11:48	09/05/25 23:31	1
Acenaphthene	ND		10.1	0.639	ug/L		09/03/25 11:48	09/05/25 23:31	1
Acenaphthylene	ND		10.1	0.770	ug/L		09/03/25 11:48	09/05/25 23:31	1
Acetophenone	ND		10.1	3.24	ug/L		09/03/25 11:48	09/05/25 23:31	1
Anthracene	ND		10.1	0.922	ug/L		09/03/25 11:48	09/05/25 23:31	1
Atrazine	ND		10.1	1.15	ug/L		09/03/25 11:48	09/05/25 23:31	1
Benzaldehyde	ND		10.1	0.679	ug/L		09/03/25 11:48	09/05/25 23:31	1

Client Sample ID: MW-5
Lab Sample ID: 752-36344-9
Date Collected: 08/28/25 11:50
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		10.1	1.01	ug/L		09/03/25 11:48	09/05/25 23:31	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		09/03/25 11:48	09/05/25 23:31	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		09/03/25 11:48	09/05/25 23:31	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		09/03/25 11:48	09/05/25 23:31	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		09/03/25 11:48	09/05/25 23:31	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		09/03/25 11:48	09/05/25 23:31	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		09/03/25 11:48	09/05/25 23:31	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		09/03/25 11:48	09/05/25 23:31	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		09/03/25 11:48	09/05/25 23:31	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		09/03/25 11:48	09/05/25 23:31	1
Caprolactam	ND		10.1	2.43	ug/L		09/03/25 11:48	09/05/25 23:31	1
Carbazole	ND		10.1	0.324	ug/L		09/03/25 11:48	09/05/25 23:31	1
Chrysene	ND		10.1	1.22	ug/L		09/03/25 11:48	09/05/25 23:31	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		09/03/25 11:48	09/05/25 23:31	1
Dibenzofuran	ND		10.1	0.649	ug/L		09/03/25 11:48	09/05/25 23:31	1
Diethyl phthalate	ND		10.1	4.05	ug/L		09/03/25 11:48	09/05/25 23:31	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		09/03/25 11:48	09/05/25 23:31	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		09/03/25 11:48	09/05/25 23:31	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		09/03/25 11:48	09/05/25 23:31	1
Fluoranthene	ND		10.1	0.639	ug/L		09/03/25 11:48	09/05/25 23:31	1
Fluorene	ND		10.1	0.679	ug/L		09/03/25 11:48	09/05/25 23:31	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		09/03/25 11:48	09/05/25 23:31	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		09/03/25 11:48	09/05/25 23:31	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		09/03/25 11:48	09/05/25 23:31	1
Hexachloroethane	ND		10.1	0.537	ug/L		09/03/25 11:48	09/05/25 23:31	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		09/03/25 11:48	09/05/25 23:31	1
Isophorone	ND		10.1	0.811	ug/L		09/03/25 11:48	09/05/25 23:31	1
Naphthalene	ND		10.1	0.760	ug/L		09/03/25 11:48	09/05/25 23:31	1
Nitrobenzene	ND		10.1	0.608	ug/L		09/03/25 11:48	09/05/25 23:31	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		09/03/25 11:48	09/05/25 23:31	1
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		09/03/25 11:48	09/05/25 23:31	1
Pentachlorophenol	ND		10.1	2.84	ug/L		09/03/25 11:48	09/05/25 23:31	1
Phenanthrene	ND		10.1	0.750	ug/L		09/03/25 11:48	09/05/25 23:31	1
Phenol	ND		10.1	0.689	ug/L		09/03/25 11:48	09/05/25 23:31	1
Pyrene	ND		10.1	0.639	ug/L		09/03/25 11:48	09/05/25 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*	*09/03/25 11:48*	*09/05/25 23:31*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*09/03/25 11:48*	*09/05/25 23:31*	*1*
2-Fluorophenol (Surr)	*51*		*10 - 150*	*09/03/25 11:48*	*09/05/25 23:31*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*09/03/25 11:48*	*09/05/25 23:31*	*1*
Phenol-d5 (Surr)	*38*		*10 - 150*	*09/03/25 11:48*	*09/05/25 23:31*	*1*
Terphenyl-d14 (Surr)	*47*		*28 - 150*	*09/03/25 11:48*	*09/05/25 23:31*	*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		09/04/25 07:59	09/06/25 01:41	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:41	1
Barium	**62.1**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:41	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:41	1

Client Sample ID: MW-5

Lab Sample ID: 752-36344-9

Date Collected: 08/28/25 11:50

Matrix: Water

Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:41	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:41	1
Cobalt	**0.567**	**J**	5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:41	1
Copper	**1.05**	**J**	2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:41	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:41	1
Manganese	**166**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:41	1
Nickel	**0.941**	**J**	5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:41	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:41	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:41	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:41	1
Vanadium	**8.11**		5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:41	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 08:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:20	1
Nitrate as N (SM Nitrate by calc)	**0.0311**	**J**	0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**23.3**		5.00	1.40	mg/L			09/10/25 14:10	1

Client Sample ID: MW-6

Lab Sample ID: 752-36344-10

Date Collected: 08/28/25 12:55

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 18:00	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 18:00	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 18:00	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 18:00	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 18:00	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 18:00	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 18:00	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 18:00	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 18:00	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 18:00	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 18:00	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 18:00	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 18:00	1
Chloromethane	ND		1.00	0.400	ug/L			09/05/25 18:00	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 18:00	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 18:00	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 18:00	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 18:00	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 18:00	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 18:00	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 18:00	1

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

Job ID: 752-36344-1

Client Sample ID: MW-6
Date Collected: 08/28/25 12:55
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 18:00	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 18:00	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 18:00	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 18:00	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 18:00	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 18:00	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 18:00	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 18:00	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 18:00	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 18:00	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 18:00	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 18:00	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 18:00	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 18:00	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 18:00	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 18:00	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 18:00	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 18:00	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 18:00	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 18:00	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 18:00	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 18:00	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 18:00	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 18:00	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 18:00	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 18:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 18:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 18:00	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 18:00	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 18:00	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 18:00	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 18:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 18:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 18:00	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 18:00	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 18:00	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 18:00	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 18:00	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 18:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 18:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 18:00	1

Client Sample ID: MW-6
Date Collected: 08/28/25 12:55
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 18:00	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 18:00	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*09/05/25 18:00*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*09/05/25 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*59 - 146*		*09/05/25 18:00*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*09/05/25 18:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.322	0.322	ug/L		09/02/25 10:30	09/05/25 22:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 140*	*09/02/25 10:30*	*09/05/25 22:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		09/03/25 11:48	09/06/25 00:05	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		09/03/25 11:48	09/06/25 00:05	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		09/03/25 11:48	09/06/25 00:05	1
2-Chlorophenol	ND		9.93	0.834	ug/L		09/03/25 11:48	09/06/25 00:05	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		09/03/25 11:48	09/06/25 00:05	1
2-Methylphenol	ND		9.93	0.755	ug/L		09/03/25 11:48	09/06/25 00:05	1
2-Nitroaniline	ND		9.93	1.36	ug/L		09/03/25 11:48	09/06/25 00:05	1
2-Nitrophenol	ND		9.93	1.16	ug/L		09/03/25 11:48	09/06/25 00:05	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		09/03/25 11:48	09/06/25 00:05	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		09/03/25 11:48	09/06/25 00:05	1
3-Nitroaniline	ND		9.93	0.944	ug/L		09/03/25 11:48	09/06/25 00:05	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		09/03/25 11:48	09/06/25 00:05	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		09/03/25 11:48	09/06/25 00:05	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		09/03/25 11:48	09/06/25 00:05	1
4-Chloroaniline	ND		9.93	0.576	ug/L		09/03/25 11:48	09/06/25 00:05	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		09/03/25 11:48	09/06/25 00:05	1
4-Nitroaniline	ND		9.93	3.48	ug/L		09/03/25 11:48	09/06/25 00:05	1
4-Nitrophenol	ND		9.93	2.72	ug/L		09/03/25 11:48	09/06/25 00:05	1
Acenaphthene	ND		9.93	0.626	ug/L		09/03/25 11:48	09/06/25 00:05	1
Acenaphthylene	ND		9.93	0.755	ug/L		09/03/25 11:48	09/06/25 00:05	1
Acetophenone	ND		9.93	3.18	ug/L		09/03/25 11:48	09/06/25 00:05	1
Anthracene	ND		9.93	0.904	ug/L		09/03/25 11:48	09/06/25 00:05	1
Atrazine	ND		9.93	1.12	ug/L		09/03/25 11:48	09/06/25 00:05	1
Benzaldehyde	ND		9.93	0.666	ug/L		09/03/25 11:48	09/06/25 00:05	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		09/03/25 11:48	09/06/25 00:05	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		09/03/25 11:48	09/06/25 00:05	1

Client Sample ID: MW-6
Date Collected: 08/28/25 12:55
Date Received: 08/29/25 10:55

Lab Sample ID: 752-36344-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		09/03/25 11:48	09/06/25 00:05	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		09/03/25 11:48	09/06/25 00:05	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		09/03/25 11:48	09/06/25 00:05	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		09/03/25 11:48	09/06/25 00:05	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		09/03/25 11:48	09/06/25 00:05	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		09/03/25 11:48	09/06/25 00:05	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		09/03/25 11:48	09/06/25 00:05	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		09/03/25 11:48	09/06/25 00:05	1
Caprolactam	ND		9.93	2.38	ug/L		09/03/25 11:48	09/06/25 00:05	1
Carbazole	ND		9.93	0.318	ug/L		09/03/25 11:48	09/06/25 00:05	1
Chrysene	ND		9.93	1.19	ug/L		09/03/25 11:48	09/06/25 00:05	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		09/03/25 11:48	09/06/25 00:05	1
Dibenzofuran	ND		9.93	0.636	ug/L		09/03/25 11:48	09/06/25 00:05	1
Diethyl phthalate	ND		9.93	3.97	ug/L		09/03/25 11:48	09/06/25 00:05	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		09/03/25 11:48	09/06/25 00:05	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		09/03/25 11:48	09/06/25 00:05	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		09/03/25 11:48	09/06/25 00:05	1
Fluoranthene	ND		9.93	0.626	ug/L		09/03/25 11:48	09/06/25 00:05	1
Fluorene	ND		9.93	0.666	ug/L		09/03/25 11:48	09/06/25 00:05	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		09/03/25 11:48	09/06/25 00:05	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		09/03/25 11:48	09/06/25 00:05	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		09/03/25 11:48	09/06/25 00:05	1
Hexachloroethane	ND		9.93	0.526	ug/L		09/03/25 11:48	09/06/25 00:05	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		09/03/25 11:48	09/06/25 00:05	1
Isophorone	ND		9.93	0.795	ug/L		09/03/25 11:48	09/06/25 00:05	1
Naphthalene	ND		9.93	0.745	ug/L		09/03/25 11:48	09/06/25 00:05	1
Nitrobenzene	ND		9.93	0.596	ug/L		09/03/25 11:48	09/06/25 00:05	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		09/03/25 11:48	09/06/25 00:05	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		09/03/25 11:48	09/06/25 00:05	1
Pentachlorophenol	ND		9.93	2.78	ug/L		09/03/25 11:48	09/06/25 00:05	1
Phenanthrene	ND		9.93	0.735	ug/L		09/03/25 11:48	09/06/25 00:05	1
Phenol	ND		9.93	0.675	ug/L		09/03/25 11:48	09/06/25 00:05	1
Pyrene	ND		9.93	0.626	ug/L		09/03/25 11:48	09/06/25 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*09/03/25 11:48*	*09/06/25 00:05*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*09/03/25 11:48*	*09/06/25 00:05*	*1*
2-Fluorophenol (Surr)	*62*		*10 - 150*	*09/03/25 11:48*	*09/06/25 00:05*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*09/03/25 11:48*	*09/06/25 00:05*	*1*
Phenol-d5 (Surr)	*50*		*10 - 150*	*09/03/25 11:48*	*09/06/25 00:05*	*1*
Terphenyl-d14 (Surr)	*49*		*28 - 150*	*09/03/25 11:48*	*09/06/25 00:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/06/25 01:43	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/06/25 01:43	1
Barium	**221**		10.0	0.410	ug/L		09/04/25 07:59	09/06/25 01:43	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/06/25 01:43	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/06/25 01:43	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/06/25 01:43	1

Client Sample ID: MW-6

Lab Sample ID: 752-36344-10

Date Collected: 08/28/25 12:55

Matrix: Water

Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.793**	**J**	5.00	0.411	ug/L		09/04/25 07:59	09/06/25 01:43	1
Copper	**1.02**	**J**	2.00	0.642	ug/L		09/04/25 07:59	09/06/25 01:43	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/06/25 01:43	1
Manganese	**559**		5.00	1.29	ug/L		09/04/25 07:59	09/06/25 01:43	1
Nickel	**4.02**	**J**	5.00	0.422	ug/L		09/04/25 07:59	09/06/25 01:43	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/06/25 01:43	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/06/25 01:43	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/06/25 01:43	1
Vanadium	**2.19**	**J**	5.00	1.22	ug/L		09/04/25 07:59	09/06/25 01:43	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/06/25 01:43	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		09/11/25 15:18	09/12/25 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	ND		0.0500	0.0200	mg/L			09/03/25 13:21	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0250	mg/L			09/05/25 11:12	1
Sulfate (SM 4500 SO4 E)	**781**		100	28.0	mg/L			09/10/25 15:09	20

Client Sample ID: Trip Blank

Lab Sample ID: 752-36344-11

Date Collected: 08/28/25 00:00

Matrix: Water

Date Received: 08/29/25 10:55

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			09/05/25 18:24	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 18:24	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 18:24	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 18:24	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 18:24	1
2-Butanone (MEK)	**3.88**	**J**	25.0	2.60	ug/L			09/05/25 18:24	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 18:24	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 18:24	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 18:24	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 18:24	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 18:24	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 18:24	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 18:24	1
Chloromethane	ND		1.00	0.400	ug/L			09/05/25 18:24	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 18:24	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 18:24	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 18:24	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 18:24	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 18:24	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 18:24	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 18:24	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 18:24	1

Client Sample ID: Trip Blank
Lab Sample ID: 752-36344-11
Date Collected: 08/28/25 00:00
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 18:24	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 18:24	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 18:24	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 18:24	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 18:24	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 18:24	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 18:24	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 18:24	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 18:24	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 18:24	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 18:24	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 18:24	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 18:24	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 18:24	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 18:24	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 18:24	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 18:24	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 18:24	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 18:24	1
N-Propylbenzene	ND		1.00	0.690	ug/L			09/05/25 18:24	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 18:24	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 18:24	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 18:24	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 18:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 18:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 18:24	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 18:24	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 18:24	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 18:24	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 18:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 18:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 18:24	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 18:24	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 18:24	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 18:24	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 18:24	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 18:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 18:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 18:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 18:24	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 18:24	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 18:24	1

Client: S&ME Inc
Job ID: 752-36344-1
Project/Site: Walltown Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-36344-11
Date Collected: 08/28/25 00:00
Matrix: Water
Date Received: 08/29/25 10:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*09/05/25 18:24*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*09/05/25 18:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*09/05/25 18:24*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*09/05/25 18:24*	*1*

Surrogate Summary

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

Job ID: 752-36344-1

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)
752-36344-1	MW-4	100	99	100	101
752-36344-1 MS	MW-4	98	101	104	101
752-36344-1 MSD	MW-4	99	101	100	101
752-36344-2	MW-7	101	103	103	100
752-36344-3	MW-8	98	103	101	98
752-36344-4	MW-9	99	103	104	101
752-36344-5	Duplicate-1	100	100	102	100
752-36344-6	MW-1	100	100	104	100
752-36344-7	MW-2	99	101	102	101
752-36344-8	MW-3	100	102	101	99
752-36344-9	MW-5	100	102	102	100
752-36344-10	MW-6	101	103	103	99
752-36344-11	Trip Blank	100	102	107	101
LCS 400-722073/1009	Lab Control Sample	101	102	104	100
MB 400-722073/21	Method Blank	101	100	99	101

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)
752-36344-1	MW-4	82	69	74	76	64	50
752-36344-2	MW-7	73	69	68	71	58	44
752-36344-3	MW-8	77	71	68	74	57	53
752-36344-4	MW-9	79	73	82	76	75	53
752-36344-5	Duplicate-1	79	74	82	78	73	53
752-36344-6	MW-1	76	77	80	79	72	60
752-36344-7	MW-2	75	72	75	74	69	58
752-36344-8	MW-3	80	72	54	77	41	63
752-36344-9	MW-5	74	65	51	70	38	47
752-36344-10	MW-6	83	74	62	74	50	49
LCS 400-721770/2-A	Lab Control Sample	80	66	88	75	95	72
LCSD 400-721770/3-A	Lab Control Sample Dup	83	67	89	79	94	74
MB 400-721770/1-A	Method Blank	82	72	89	76	88	80

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: 752-36344-1

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)						
752-36344-1	MW-4	20						
752-36344-2	MW-7	27						
752-36344-3	MW-8	22						
752-36344-4	MW-9	26						
752-36344-5	Duplicate-1	48						
752-36344-6	MW-1	27						
752-36344-7	MW-2	34						
752-36344-8	MW-3	31						
752-36344-9	MW-5	24						
752-36344-10	MW-6	33						
LCS 400-721613/2-A	Lab Control Sample	116						
LCSD 400-721613/3-A	Lab Control Sample Dup	120						
MB 400-721613/1-A	Method Blank	117						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-722073/21
Matrix: Water
Analysis Batch: 722073

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			09/05/25 12:40	1
Benzene	ND		1.00	0.500	ug/L			09/05/25 12:40	1
Bromobenzene	ND		1.00	0.540	ug/L			09/05/25 12:40	1
Bromoform	ND		5.00	0.250	ug/L			09/05/25 12:40	1
Bromomethane	ND		1.00	0.980	ug/L			09/05/25 12:40	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			09/05/25 12:40	1
Carbon disulfide	ND		1.00	0.500	ug/L			09/05/25 12:40	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			09/05/25 12:40	1
Chlorobenzene	ND		1.00	0.420	ug/L			09/05/25 12:40	1
Chlorobromomethane	ND		1.00	0.520	ug/L			09/05/25 12:40	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			09/05/25 12:40	1
Chloroethane	ND		1.00	0.760	ug/L			09/05/25 12:40	1
Chloroform	ND		1.00	0.900	ug/L			09/05/25 12:40	1
Chloromethane	ND		1.00	0.400	ug/L			09/05/25 12:40	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			09/05/25 12:40	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			09/05/25 12:40	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			09/05/25 12:40	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			09/05/25 12:40	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			09/05/25 12:40	1
Dibromomethane	ND		5.00	0.220	ug/L			09/05/25 12:40	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			09/05/25 12:40	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			09/05/25 12:40	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			09/05/25 12:40	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			09/05/25 12:40	1
Ethyl acetate	ND		10.0	6.14	ug/L			09/05/25 12:40	1
Ethylbenzene	ND		1.00	0.500	ug/L			09/05/25 12:40	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			09/05/25 12:40	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			09/05/25 12:40	1
Hexane	ND		1.00	0.960	ug/L			09/05/25 12:40	1
2-Hexanone	ND		25.0	4.26	ug/L			09/05/25 12:40	1
Iodomethane	ND		1.00	0.900	ug/L			09/05/25 12:40	1
Isopropylbenzene	ND		1.00	0.530	ug/L			09/05/25 12:40	1
Isopropyl ether	ND		1.00	0.740	ug/L			09/05/25 12:40	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			09/05/25 12:40	1
Methylene Chloride	ND		5.00	3.00	ug/L			09/05/25 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			09/05/25 12:40	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			09/05/25 12:40	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			09/05/25 12:40	1
Naphthalene	ND		5.00	3.00	ug/L			09/05/25 12:40	1
n-Butylbenzene	ND		1.00	0.760	ug/L			09/05/25 12:40	1
n-Heptane	ND		1.00	0.210	ug/L			09/05/25 12:40	1

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

Lab Sample ID: MB 400-722073/21
Matrix: Water
Analysis Batch: 722073

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			09/05/25 12:40	1
o-Xylene	ND		5.00	3.00	ug/L			09/05/25 12:40	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			09/05/25 12:40	1
Styrene	ND		1.00	1.00	ug/L			09/05/25 12:40	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			09/05/25 12:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			09/05/25 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
Tetrachloroethene	ND		1.00	0.330	ug/L			09/05/25 12:40	1
Toluene	ND		1.00	0.900	ug/L			09/05/25 12:40	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			09/05/25 12:40	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			09/05/25 12:40	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			09/05/25 12:40	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			09/05/25 12:40	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			09/05/25 12:40	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			09/05/25 12:40	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			09/05/25 12:40	1
Trichloroethene	ND		1.00	0.150	ug/L			09/05/25 12:40	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			09/05/25 12:40	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			09/05/25 12:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			09/05/25 12:40	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			09/05/25 12:40	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			09/05/25 12:40	1
Vinyl acetate	ND		25.0	0.930	ug/L			09/05/25 12:40	1
Vinyl chloride	ND		1.00	0.500	ug/L			09/05/25 12:40	1
Xylenes, Total	ND		10.0	6.00	ug/L			09/05/25 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*09/05/25 12:40*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*09/05/25 12:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 146*		*09/05/25 12:40*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*09/05/25 12:40*	*1*

Lab Sample ID: LCS 400-722073/1009
Matrix: Water
Analysis Batch: 722073

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	179.8		ug/L		90	43 - 150
Benzene	50.0	44.67		ug/L		89	70 - 130
Bromobenzene	50.0	46.28		ug/L		93	70 - 132
Bromoform	50.0	43.96		ug/L		88	57 - 140
Bromomethane	50.0	39.98		ug/L		80	10 - 150
2-Butanone (MEK)	200	178.8		ug/L		89	61 - 145
Carbon disulfide	50.0	44.69		ug/L		89	61 - 137
Carbon tetrachloride	50.0	43.57		ug/L		87	61 - 137
Chlorobenzene	50.0	46.25		ug/L		92	70 - 130
Chlorobromomethane	50.0	46.84		ug/L		94	70 - 130
Chlorodibromomethane	50.0	46.24		ug/L		92	67 - 135

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

Lab Sample ID: LCS 400-722073/1009
Matrix: Water
Analysis Batch: 722073

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	41.36		ug/L		83	55 - 141
Chloroform	50.0	44.17		ug/L		88	69 - 130
Chloromethane	50.0	45.10		ug/L		90	58 - 137
2-Chlorotoluene	50.0	45.06		ug/L		90	70 - 130
4-Chlorotoluene	50.0	46.38		ug/L		93	70 - 130
cis-1,2-Dichloroethene	50.0	43.19		ug/L		86	68 - 130
cis-1,3-Dichloropropene	50.0	46.62		ug/L		93	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	43.71		ug/L		87	54 - 135
Dibromomethane	50.0	44.24		ug/L		88	70 - 130
1,2-Dichlorobenzene	50.0	47.90		ug/L		96	67 - 130
1,3-Dichlorobenzene	50.0	47.59		ug/L		95	70 - 130
1,4-Dichlorobenzene	50.0	47.77		ug/L		96	70 - 130
Dichlorobromomethane	50.0	45.75		ug/L		91	67 - 133
1,1-Dichloroethane	50.0	46.30		ug/L		93	70 - 130
1,2-Dichloroethane	50.0	43.67		ug/L		87	69 - 130
1,1-Dichloroethene	50.0	46.20		ug/L		92	63 - 134
1,2-Dichloropropane	50.0	44.61		ug/L		89	70 - 130
1,3-Dichloropropane	50.0	46.11		ug/L		92	70 - 130
2,2-Dichloropropane	50.0	42.18		ug/L		84	52 - 135
1,1-Dichloropropene	50.0	43.67		ug/L		87	70 - 130
Ethyl acetate	100	83.88		ug/L		84	34 - 150
Ethylbenzene	50.0	45.72		ug/L		91	70 - 130
Ethylene Dibromide	50.0	45.41		ug/L		91	70 - 130
Hexachlorobutadiene	50.0	51.71		ug/L		103	53 - 140
Hexane	50.0	45.78		ug/L		92	69 - 130
2-Hexanone	200	175.9		ug/L		88	65 - 137
Iodomethane	50.0	47.53		ug/L		95	27 - 150
Isopropylbenzene	50.0	46.83		ug/L		94	70 - 130
Isopropyl ether	50.0	42.01		ug/L		84	64 - 132
4-Isopropyltoluene	50.0	48.67		ug/L		97	65 - 130
Methylene Chloride	50.0	47.86		ug/L		96	66 - 135
4-Methyl-2-pentanone (MIBK)	200	173.2		ug/L		87	69 - 138
Methyl tert-butyl ether	50.0	46.39		ug/L		93	66 - 130
m-Xylene & p-Xylene	50.0	46.15		ug/L		92	70 - 130
Naphthalene	50.0	43.58		ug/L		87	47 - 149
n-Butylbenzene	50.0	48.82		ug/L		98	67 - 130
n-Heptane	50.0	43.79		ug/L		88	70 - 130
N-Propylbenzene	50.0	47.82		ug/L		96	70 - 130
o-Xylene	50.0	46.25		ug/L		92	70 - 130
sec-Butylbenzene	50.0	47.05		ug/L		94	66 - 130
Styrene	50.0	45.51		ug/L		91	70 - 130
tert-Butylbenzene	50.0	48.29		ug/L		97	64 - 139
1,1,1,2-Tetrachloroethane	50.0	45.17		ug/L		90	67 - 131
1,1,2,2-Tetrachloroethane	50.0	44.76		ug/L		90	70 - 131
Tetrachloroethene	50.0	43.80		ug/L		88	65 - 130
Toluene	50.0	44.78		ug/L		90	70 - 130
trans-1,4-Dichloro-2-butene	50.0	44.64		ug/L		89	57 - 140
trans-1,2-Dichloroethene	50.0	45.37		ug/L		91	70 - 130
trans-1,3-Dichloropropene	50.0	46.40		ug/L		93	63 - 130

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

Lab Sample ID: LCS 400-722073/1009
Matrix: Water
Analysis Batch: 722073

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	47.63		ug/L		95	60 - 138
1,2,4-Trichlorobenzene	50.0	49.13		ug/L		98	60 - 140
1,1,1-Trichloroethane	50.0	43.89		ug/L		88	68 - 130
1,1,2-Trichloroethane	50.0	44.98		ug/L		90	70 - 130
Trichloroethene	50.0	44.93		ug/L		90	70 - 130
Trichlorofluoromethane	50.0	45.09		ug/L		90	65 - 138
1,2,3-Trichloropropane	50.0	45.38		ug/L		91	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.10		ug/L		90	60 - 139
1,2,4-Trimethylbenzene	50.0	47.96		ug/L		96	70 - 130
1,3,5-Trimethylbenzene	50.0	47.19		ug/L		94	69 - 130
Vinyl acetate	100	91.84		ug/L		92	26 - 150
Vinyl chloride	50.0	44.69		ug/L		89	59 - 136
Xylenes, Total	100	92.40		ug/L		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*56 - 136*
Dibromofluoromethane	*102*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

Lab Sample ID: 752-36344-1 MS
Matrix: Water
Analysis Batch: 722073

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		200	101.5		ug/L		51	43 - 150
Benzene	ND		50.0	46.60		ug/L		93	56 - 142
Bromobenzene	ND		50.0	45.10		ug/L		90	59 - 136
Bromoform	ND		50.0	47.28		ug/L		95	50 - 140
Bromomethane	ND		50.0	55.02		ug/L		110	10 - 150
2-Butanone (MEK)	ND		200	140.3		ug/L		70	55 - 150
Carbon disulfide	ND		50.0	46.91		ug/L		94	48 - 150
Carbon tetrachloride	ND		50.0	45.68		ug/L		91	55 - 145
Chlorobenzene	ND		50.0	45.11		ug/L		90	64 - 130
Chlorobromomethane	ND		50.0	51.98		ug/L		104	64 - 140
Chlorodibromomethane	ND		50.0	50.46		ug/L		101	56 - 143
Chloroethane	ND		50.0	51.61		ug/L		103	50 - 150
Chloroform	ND		50.0	47.83		ug/L		96	60 - 141
Chloromethane	1.16		50.0	50.25		ug/L		98	49 - 148
2-Chlorotoluene	ND		50.0	40.00		ug/L		80	53 - 134
4-Chlorotoluene	ND		50.0	40.32		ug/L		81	54 - 133
cis-1,2-Dichloroethene	ND		50.0	50.27		ug/L		101	59 - 143
cis-1,3-Dichloropropene	ND		50.0	47.98		ug/L		96	57 - 140
1,2-Dibromo-3-Chloropropane	ND		50.0	49.50		ug/L		99	45 - 135
Dibromomethane	ND		50.0	49.03		ug/L		98	63 - 138
1,2-Dichlorobenzene	ND		50.0	45.17		ug/L		90	52 - 137
1,3-Dichlorobenzene	ND		50.0	43.11		ug/L		86	54 - 135
1,4-Dichlorobenzene	ND		50.0	42.99		ug/L		86	53 - 135

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

Lab Sample ID: 752-36344-1 MS
Matrix: Water
Analysis Batch: 722073

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	ND		50.0	48.11		ug/L		96	59 - 143
1,1-Dichloroethane	ND		50.0	48.59		ug/L		97	61 - 144
1,2-Dichloroethane	ND		50.0	48.18		ug/L		96	60 - 141
1,1-Dichloroethene	ND		50.0	48.11		ug/L		96	54 - 147
1,2-Dichloropropane	ND		50.0	47.58		ug/L		95	66 - 137
1,3-Dichloropropane	ND		50.0	50.41		ug/L		101	66 - 133
2,2-Dichloropropane	ND		50.0	45.01		ug/L		90	42 - 144
1,1-Dichloropropene	ND		50.0	43.64		ug/L		87	65 - 136
Ethyl acetate	ND		100	102.7		ug/L		103	34 - 150
Ethylbenzene	ND		50.0	42.50		ug/L		85	58 - 131
Ethylene Dibromide	ND		50.0	49.72		ug/L		99	64 - 132
Hexachlorobutadiene	ND		50.0	31.96		ug/L		64	31 - 149
Hexane	ND		50.0	45.14		ug/L		90	60 - 142
2-Hexanone	ND		200	158.5		ug/L		79	65 - 140
Iodomethane	ND		50.0	51.51		ug/L		103	20 - 150
Isopropylbenzene	ND		50.0	40.35		ug/L		81	56 - 133
Isopropyl ether	ND		50.0	47.52		ug/L		95	60 - 144
4-Isopropyltoluene	ND		50.0	36.25		ug/L		72	48 - 139
Methylene Chloride	ND		50.0	50.26		ug/L		101	60 - 146
4-Methyl-2-pentanone (MIBK)	ND		200	184.5		ug/L		92	63 - 146
Methyl tert-butyl ether	ND		50.0	51.96		ug/L		104	59 - 137
m-Xylene & p-Xylene	ND		50.0	41.93		ug/L		84	57 - 130
Naphthalene	ND		50.0	47.66		ug/L		95	25 - 150
n-Butylbenzene	ND		50.0	34.01		ug/L		68	41 - 142
n-Heptane	ND		50.0	40.44		ug/L		81	64 - 142
N-Propylbenzene	ND		50.0	38.57		ug/L		77	51 - 138
o-Xylene	ND		50.0	43.20		ug/L		86	61 - 130
sec-Butylbenzene	ND		50.0	35.89		ug/L		72	50 - 138
Styrene	ND		50.0	45.03		ug/L		90	58 - 131
tert-Butylbenzene	ND		50.0	38.94		ug/L		78	54 - 146
1,1,1,2-Tetrachloroethane	ND		50.0	46.53		ug/L		93	59 - 137
1,1,2,2-Tetrachloroethane	ND		50.0	48.32		ug/L		97	66 - 135
Tetrachloroethene	ND		50.0	40.88		ug/L		82	52 - 133
Toluene	ND		50.0	44.36		ug/L		89	65 - 130
trans-1,4-Dichloro-2-butene	ND		50.0	48.34		ug/L		97	43 - 147
trans-1,2-Dichloroethene	ND		50.0	47.85		ug/L		96	61 - 143
trans-1,3-Dichloropropene	ND		50.0	50.21		ug/L		100	53 - 133
1,2,3-Trichlorobenzene	ND		50.0	46.42		ug/L		93	43 - 145
1,2,4-Trichlorobenzene	ND		50.0	45.71		ug/L		91	39 - 148
1,1,1-Trichloroethane	ND		50.0	45.68		ug/L		91	57 - 142
1,1,2-Trichloroethane	ND		50.0	49.93		ug/L		100	66 - 131
Trichloroethene	ND		50.0	45.58		ug/L		91	64 - 136
Trichlorofluoromethane	ND		50.0	50.88		ug/L		102	54 - 150
1,2,3-Trichloropropane	ND		50.0	48.49		ug/L		97	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	47.81		ug/L		96	55 - 150
1,2,4-Trimethylbenzene	ND		50.0	40.97		ug/L		82	50 - 139
1,3,5-Trimethylbenzene	ND		50.0	39.79		ug/L		80	52 - 135
Vinyl acetate	ND		100	111.0		ug/L		111	26 - 150

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

Lab Sample ID: 752-36344-1 MS
Matrix: Water
Analysis Batch: 722073

Client Sample ID: MW-4
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	49.77		ug/L		100	46 - 150
Xylenes, Total	ND		100	85.13		ug/L		85	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*
Toluene-d8 (Surr)	*101*		*64 - 132*

Lab Sample ID: 752-36344-1 MSD
Matrix: Water
Analysis Batch: 722073

Client Sample ID: MW-4
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		200	103.9		ug/L		52	43 - 150	2	30
Benzene	ND		50.0	46.28		ug/L		93	56 - 142	1	30
Bromobenzene	ND		50.0	44.49		ug/L		89	59 - 136	1	30
Bromoform	ND		50.0	47.71		ug/L		95	50 - 140	1	30
Bromomethane	ND		50.0	40.85		ug/L		82	10 - 150	30	50
2-Butanone (MEK)	ND		200	136.9		ug/L		68	55 - 150	2	30
Carbon disulfide	ND		50.0	46.73		ug/L		93	48 - 150	0	30
Carbon tetrachloride	ND		50.0	45.96		ug/L		92	55 - 145	1	30
Chlorobenzene	ND		50.0	44.27		ug/L		89	64 - 130	2	30
Chlorobromomethane	ND		50.0	50.53		ug/L		101	64 - 140	3	30
Chlorodibromomethane	ND		50.0	50.16		ug/L		100	56 - 143	1	30
Chloroethane	ND		50.0	40.95		ug/L		82	50 - 150	23	30
Chloroform	ND		50.0	47.13		ug/L		94	60 - 141	1	30
Chloromethane	1.16		50.0	41.55		ug/L		81	49 - 148	19	31
2-Chlorotoluene	ND		50.0	38.49		ug/L		77	53 - 134	4	30
4-Chlorotoluene	ND		50.0	39.31		ug/L		79	54 - 133	3	30
cis-1,2-Dichloroethene	ND		50.0	49.15		ug/L		98	59 - 143	2	30
cis-1,3-Dichloropropene	ND		50.0	47.93		ug/L		96	57 - 140	0	30
1,2-Dibromo-3-Chloropropane	ND		50.0	49.61		ug/L		99	45 - 135	0	30
Dibromomethane	ND		50.0	49.28		ug/L		99	63 - 138	1	30
1,2-Dichlorobenzene	ND		50.0	44.34		ug/L		89	52 - 137	2	30
1,3-Dichlorobenzene	ND		50.0	41.80		ug/L		84	54 - 135	3	30
1,4-Dichlorobenzene	ND		50.0	41.54		ug/L		83	53 - 135	3	30
Dichlorobromomethane	ND		50.0	45.79		ug/L		92	59 - 143	5	30
1,1-Dichloroethane	ND		50.0	48.02		ug/L		96	61 - 144	1	30
1,2-Dichloroethane	ND		50.0	47.47		ug/L		95	60 - 141	1	30
1,1-Dichloroethene	ND		50.0	49.60		ug/L		99	54 - 147	3	30
1,2-Dichloropropane	ND		50.0	45.92		ug/L		92	66 - 137	4	30
1,3-Dichloropropane	ND		50.0	50.55		ug/L		101	66 - 133	0	30
2,2-Dichloropropane	ND		50.0	44.84		ug/L		90	42 - 144	0	31
1,1-Dichloropropene	ND		50.0	43.46		ug/L		87	65 - 136	0	30
Ethyl acetate	ND		100	101.4		ug/L		101	34 - 150	1	30
Ethylbenzene	ND		50.0	40.73		ug/L		81	58 - 131	4	30
Ethylene Dibromide	ND		50.0	49.55		ug/L		99	64 - 132	0	30

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

Lab Sample ID: 752-36344-1 MSD
Matrix: Water
Analysis Batch: 722073

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		50.0	30.38		ug/L		61	31 - 149	5	36
Hexane	ND		50.0	44.64		ug/L		89	60 - 142	1	30
2-Hexanone	ND		200	160.8		ug/L		80	65 - 140	1	30
Iodomethane	ND		50.0	50.91		ug/L		102	20 - 150	1	44
Isopropylbenzene	ND		50.0	39.01		ug/L		78	56 - 133	3	30
Isopropyl ether	ND		50.0	41.64		ug/L		83	60 - 144	13	30
4-Isopropyltoluene	ND		50.0	34.03		ug/L		68	48 - 139	6	30
Methylene Chloride	ND		50.0	50.15		ug/L		100	60 - 146	0	32
4-Methyl-2-pentanone (MIBK)	ND		200	182.1		ug/L		91	63 - 146	1	30
Methyl tert-butyl ether	ND		50.0	51.38		ug/L		103	59 - 137	1	30
m-Xylene & p-Xylene	ND		50.0	40.73		ug/L		81	57 - 130	3	30
Naphthalene	ND		50.0	47.64		ug/L		95	25 - 150	0	30
n-Butylbenzene	ND		50.0	31.62		ug/L		63	41 - 142	7	31
n-Heptane	ND		50.0	41.83		ug/L		84	64 - 142	3	30
N-Propylbenzene	ND		50.0	36.71		ug/L		73	51 - 138	5	30
o-Xylene	ND		50.0	42.63		ug/L		85	61 - 130	1	30
sec-Butylbenzene	ND		50.0	34.21		ug/L		68	50 - 138	5	30
Styrene	ND		50.0	46.61		ug/L		93	58 - 131	3	30
tert-Butylbenzene	ND		50.0	36.99		ug/L		74	54 - 146	5	30
1,1,1,2-Tetrachloroethane	ND		50.0	46.55		ug/L		93	59 - 137	0	30
1,1,2,2-Tetrachloroethane	ND		50.0	48.84		ug/L		98	66 - 135	1	30
Tetrachloroethene	ND		50.0	40.14		ug/L		80	52 - 133	2	30
Toluene	ND		50.0	43.37		ug/L		87	65 - 130	2	30
trans-1,4-Dichloro-2-butene	ND		50.0	49.16		ug/L		98	43 - 147	2	36
trans-1,2-Dichloroethene	ND		50.0	47.12		ug/L		94	61 - 143	2	30
trans-1,3-Dichloropropene	ND		50.0	49.21		ug/L		98	53 - 133	2	30
1,2,3-Trichlorobenzene	ND		50.0	46.15		ug/L		92	43 - 145	1	30
1,2,4-Trichlorobenzene	ND		50.0	43.40		ug/L		87	39 - 148	5	30
1,1,1-Trichloroethane	ND		50.0	46.29		ug/L		93	57 - 142	1	30
1,1,2-Trichloroethane	ND		50.0	49.46		ug/L		99	66 - 131	1	30
Trichloroethene	ND		50.0	45.11		ug/L		90	64 - 136	1	30
Trichlorofluoromethane	ND		50.0	41.72		ug/L		83	54 - 150	20	30
1,2,3-Trichloropropane	ND		50.0	49.72		ug/L		99	65 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	49.24		ug/L		98	55 - 150	3	30
1,2,4-Trimethylbenzene	ND		50.0	39.55		ug/L		79	50 - 139	4	30
1,3,5-Trimethylbenzene	ND		50.0	38.12		ug/L		76	52 - 135	4	30
Vinyl acetate	ND		100	87.93		ug/L		88	26 - 150	23	33
Vinyl chloride	ND		50.0	40.71		ug/L		81	46 - 150	20	30
Xylenes, Total	ND		100	83.36		ug/L		83	59 - 130	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 146*
Toluene-d8 (Surr)	*101*		*64 - 132*

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

Lab Sample ID: MB 400-721770/1-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		09/03/25 11:47	09/05/25 14:16	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		09/03/25 11:47	09/05/25 14:16	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		09/03/25 11:47	09/05/25 14:16	1
2-Chlorophenol	ND		10.0	0.840	ug/L		09/03/25 11:47	09/05/25 14:16	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		09/03/25 11:47	09/05/25 14:16	1
2-Methylphenol	ND		10.0	0.760	ug/L		09/03/25 11:47	09/05/25 14:16	1
2-Nitroaniline	ND		10.0	1.37	ug/L		09/03/25 11:47	09/05/25 14:16	1
2-Nitrophenol	ND		10.0	1.17	ug/L		09/03/25 11:47	09/05/25 14:16	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		09/03/25 11:47	09/05/25 14:16	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		09/03/25 11:47	09/05/25 14:16	1
3-Nitroaniline	ND		10.0	0.950	ug/L		09/03/25 11:47	09/05/25 14:16	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		09/03/25 11:47	09/05/25 14:16	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		09/03/25 11:47	09/05/25 14:16	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		09/03/25 11:47	09/05/25 14:16	1
4-Chloroaniline	ND		10.0	0.580	ug/L		09/03/25 11:47	09/05/25 14:16	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		09/03/25 11:47	09/05/25 14:16	1
4-Nitroaniline	ND		10.0	3.50	ug/L		09/03/25 11:47	09/05/25 14:16	1
4-Nitrophenol	ND		10.0	2.74	ug/L		09/03/25 11:47	09/05/25 14:16	1
Acenaphthene	ND		10.0	0.630	ug/L		09/03/25 11:47	09/05/25 14:16	1
Acenaphthylene	ND		10.0	0.760	ug/L		09/03/25 11:47	09/05/25 14:16	1
Acetophenone	ND		10.0	3.20	ug/L		09/03/25 11:47	09/05/25 14:16	1
Anthracene	ND		10.0	0.910	ug/L		09/03/25 11:47	09/05/25 14:16	1
Atrazine	ND		10.0	1.13	ug/L		09/03/25 11:47	09/05/25 14:16	1
Benzaldehyde	ND		10.0	0.670	ug/L		09/03/25 11:47	09/05/25 14:16	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		09/03/25 11:47	09/05/25 14:16	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:47	09/05/25 14:16	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		09/03/25 11:47	09/05/25 14:16	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		09/03/25 11:47	09/05/25 14:16	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		09/03/25 11:47	09/05/25 14:16	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		09/03/25 11:47	09/05/25 14:16	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		09/03/25 11:47	09/05/25 14:16	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		09/03/25 11:47	09/05/25 14:16	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		09/03/25 11:47	09/05/25 14:16	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:47	09/05/25 14:16	1
Caprolactam	ND		10.0	2.40	ug/L		09/03/25 11:47	09/05/25 14:16	1
Carbazole	ND		10.0	0.320	ug/L		09/03/25 11:47	09/05/25 14:16	1
Chrysene	ND		10.0	1.20	ug/L		09/03/25 11:47	09/05/25 14:16	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		09/03/25 11:47	09/05/25 14:16	1
Dibenzofuran	ND		10.0	0.640	ug/L		09/03/25 11:47	09/05/25 14:16	1
Diethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:47	09/05/25 14:16	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:47	09/05/25 14:16	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		09/03/25 11:47	09/05/25 14:16	1

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

Lab Sample ID: MB 400-721770/1-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		09/03/25 11:47	09/05/25 14:16	1
Fluoranthene	ND		10.0	0.630	ug/L		09/03/25 11:47	09/05/25 14:16	1
Fluorene	ND		10.0	0.670	ug/L		09/03/25 11:47	09/05/25 14:16	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		09/03/25 11:47	09/05/25 14:16	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		09/03/25 11:47	09/05/25 14:16	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		09/03/25 11:47	09/05/25 14:16	1
Hexachloroethane	ND		10.0	0.530	ug/L		09/03/25 11:47	09/05/25 14:16	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		09/03/25 11:47	09/05/25 14:16	1
Isophorone	ND		10.0	0.800	ug/L		09/03/25 11:47	09/05/25 14:16	1
Naphthalene	ND		10.0	0.750	ug/L		09/03/25 11:47	09/05/25 14:16	1
Nitrobenzene	ND		10.0	0.600	ug/L		09/03/25 11:47	09/05/25 14:16	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		09/03/25 11:47	09/05/25 14:16	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		09/03/25 11:47	09/05/25 14:16	1
Pentachlorophenol	ND		10.0	2.80	ug/L		09/03/25 11:47	09/05/25 14:16	1
Phenanthrene	ND		10.0	0.740	ug/L		09/03/25 11:47	09/05/25 14:16	1
Phenol	ND		10.0	0.680	ug/L		09/03/25 11:47	09/05/25 14:16	1
Pyrene	ND		10.0	0.630	ug/L		09/03/25 11:47	09/05/25 14:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*09/03/25 11:47*	*09/05/25 14:16*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*09/03/25 11:47*	*09/05/25 14:16*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*09/03/25 11:47*	*09/05/25 14:16*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*	*09/03/25 11:47*	*09/05/25 14:16*	*1*
Phenol-d5 (Surr)	*88*		*10 - 150*	*09/03/25 11:47*	*09/05/25 14:16*	*1*
Terphenyl-d14 (Surr)	*80*		*28 - 150*	*09/03/25 11:47*	*09/05/25 14:16*	*1*

Lab Sample ID: LCS 400-721770/2-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	23.79		ug/L		71	27 - 120
2,4,5-Trichlorophenol	33.3	32.42		ug/L		97	27 - 136
2,4,6-Trichlorophenol	33.3	32.08		ug/L		96	21 - 132
2,4-Dichlorophenol	33.3	26.15		ug/L		78	30 - 125
2,4-Dimethylphenol	33.3	25.81		ug/L		77	10 - 142
2,4-Dinitrophenol	66.7	75.84		ug/L		114	10 - 150
2,4-Dinitrotoluene	33.3	29.26		ug/L		88	30 - 129
2,6-Dinitrotoluene	33.3	29.43		ug/L		88	34 - 132
2-Chloronaphthalene	33.3	23.15		ug/L		69	10 - 150
2-Chlorophenol	33.3	27.97		ug/L		84	28 - 127
2-Methylnaphthalene	33.3	23.76		ug/L		71	24 - 150
2-Methylphenol	33.3	30.02		ug/L		90	11 - 121
2-Nitroaniline	33.3	31.42		ug/L		94	31 - 141
2-Nitrophenol	33.3	27.10		ug/L		81	31 - 142
3 & 4 Methylphenol	33.3	28.85		ug/L		87	10 - 150
3,3'-Dichlorobenzidine	66.7	46.69		ug/L		70	10 - 150
3-Nitroaniline	33.3	29.16		ug/L		87	33 - 136

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

Lab Sample ID: LCS 400-721770/2-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	66.7	64.29		ug/L		96	10 - 150
4-Bromophenyl phenyl ether	33.3	25.55		ug/L		77	24 - 120
4-Chloro-3-methylphenol	33.3	29.21		ug/L		88	10 - 137
4-Chloroaniline	33.3	26.93		ug/L		81	10 - 150
4-Chlorophenyl phenyl ether	33.3	26.26		ug/L		79	31 - 110
4-Nitroaniline	33.3	31.46		ug/L		94	37 - 139
4-Nitrophenol	66.7	80.07		ug/L		120	10 - 150
Acenaphthene	33.3	24.36		ug/L		73	29 - 150
Acenaphthylene	33.3	24.72		ug/L		74	30 - 150
Acetophenone	33.3	26.98		ug/L		81	27 - 119
Anthracene	33.3	27.48		ug/L		82	31 - 150
Atrazine	33.3	26.86		ug/L		81	10 - 150
Benzaldehyde	33.3	22.94		ug/L		69	10 - 150
Benzo[a]anthracene	33.3	28.09		ug/L		84	36 - 150
Benzo[a]pyrene	33.3	27.49		ug/L		82	29 - 150
Benzo[b]fluoranthene	33.3	27.62		ug/L		83	32 - 150
Benzo[g,h,i]perylene	33.3	26.99		ug/L		81	28 - 150
Benzo[k]fluoranthene	33.3	25.33		ug/L		76	30 - 150
bis (2-chloroisopropyl) ether	33.3	25.70		ug/L		77	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.86		ug/L		78	34 - 120
Bis(2-chloroethyl)ether	33.3	25.98		ug/L		78	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	27.75		ug/L		83	24 - 133
Butyl benzyl phthalate	33.3	26.75		ug/L		80	24 - 140
Caprolactam	33.3	30.98		ug/L		93	10 - 150
Carbazole	33.3	27.17		ug/L		82	28 - 123
Chrysene	33.3	26.82		ug/L		80	34 - 150
Dibenz(a,h)anthracene	33.3	26.15		ug/L		78	29 - 150
Dibenzofuran	33.3	25.78		ug/L		77	35 - 110
Diethyl phthalate	33.3	25.15		ug/L		75	31 - 118
Dimethyl phthalate	33.3	23.58		ug/L		71	24 - 125
Di-n-butyl phthalate	33.3	25.35		ug/L		76	30 - 127
Di-n-octyl phthalate	33.3	29.90		ug/L		90	28 - 142
Fluoranthene	33.3	26.45		ug/L		79	30 - 150
Fluorene	33.3	26.87		ug/L		81	30 - 150
Hexachlorobenzene	33.3	25.48		ug/L		76	29 - 113
Hexachlorobutadiene	33.3	17.65		ug/L		53	10 - 117
Hexachlorocyclopentadiene	33.3	21.71		ug/L		65	10 - 150
Hexachloroethane	33.3	18.47		ug/L		55	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	25.16		ug/L		75	28 - 150
Isophorone	33.3	28.86		ug/L		87	29 - 125
Naphthalene	33.3	22.65		ug/L		68	27 - 150
Nitrobenzene	33.3	26.97		ug/L		81	29 - 129
N-Nitrosodi-n-propylamine	33.3	28.18		ug/L		85	53 - 134
N-Nitrosodiphenylamine	33.1	30.23		ug/L		91	62 - 132
Pentachlorophenol	66.7	72.19		ug/L		108	14 - 150
Phenanthrene	33.3	27.12		ug/L		81	32 - 150
Phenol	33.3	33.30		ug/L		100	10 - 150
Pyrene	33.3	27.36		ug/L		82	30 - 150

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

Lab Sample ID: LCS 400-721770/2-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721770

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*
2-Fluorophenol (Surr)	*88*		*10 - 150*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*
Phenol-d5 (Surr)	*95*		*10 - 150*
Terphenyl-d14 (Surr)	*72*		*28 - 150*

Lab Sample ID: LCSD 400-721770/3-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721770

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	24.20		ug/L		73	27 - 120	2	40
2,4,5-Trichlorophenol			33.3	33.32		ug/L		100	27 - 136	3	40
2,4,6-Trichlorophenol			33.3	32.09		ug/L		96	21 - 132	0	40
2,4-Dichlorophenol			33.3	26.60		ug/L		80	30 - 125	2	40
2,4-Dimethylphenol			33.3	25.39		ug/L		76	10 - 142	2	40
2,4-Dinitrophenol			66.7	77.67		ug/L		117	10 - 150	2	40
2,4-Dinitrotoluene			33.3	30.13		ug/L		90	30 - 129	3	40
2,6-Dinitrotoluene			33.3	29.82		ug/L		89	34 - 132	1	40
2-Chloronaphthalene			33.3	23.55		ug/L		71	10 - 150	2	40
2-Chlorophenol			33.3	29.80		ug/L		89	28 - 127	6	40
2-Methylnaphthalene			33.3	24.76		ug/L		74	24 - 150	4	40
2-Methylphenol			33.3	31.26		ug/L		94	11 - 121	4	40
2-Nitroaniline			33.3	32.02		ug/L		96	31 - 141	2	40
2-Nitrophenol			33.3	28.33		ug/L		85	31 - 142	4	40
3 & 4 Methylphenol			33.3	30.54		ug/L		92	10 - 150	6	40
3,3'-Dichlorobenzidine			66.7	49.15		ug/L		74	10 - 150	5	40
3-Nitroaniline			33.3	29.26		ug/L		88	33 - 136	0	40
4,6-Dinitro-2-methylphenol			66.7	65.70		ug/L		99	10 - 150	2	40
4-Bromophenyl phenyl ether			33.3	26.53		ug/L		80	24 - 120	4	40
4-Chloro-3-methylphenol			33.3	29.92		ug/L		90	10 - 137	2	40
4-Chloroaniline			33.3	27.57		ug/L		83	10 - 150	2	40
4-Chlorophenyl phenyl ether			33.3	26.53		ug/L		80	31 - 110	1	40
4-Nitroaniline			33.3	31.21		ug/L		94	37 - 139	1	40
4-Nitrophenol			66.7	80.80		ug/L		121	10 - 150	1	40
Acenaphthene			33.3	24.80		ug/L		74	29 - 150	2	40
Acenaphthylene			33.3	24.88		ug/L		75	30 - 150	1	40
Acetophenone			33.3	28.17		ug/L		85	27 - 119	4	40
Anthracene			33.3	27.92		ug/L		84	31 - 150	2	40
Atrazine			33.3	26.40		ug/L		79	10 - 150	2	40
Benzaldehyde			33.3	22.92		ug/L		69	10 - 150	0	40
Benzo[a]anthracene			33.3	29.18		ug/L		88	36 - 150	4	40
Benzo[a]pyrene			33.3	28.40		ug/L		85	29 - 150	3	40
Benzo[b]fluoranthene			33.3	27.01		ug/L		81	32 - 150	2	40
Benzo[g,h,i]perylene			33.3	28.02		ug/L		84	28 - 150	4	40
Benzo[k]fluoranthene			33.3	28.05		ug/L		84	30 - 150	10	40
bis (2-chloroisopropyl) ether			33.3	26.92		ug/L		81	32 - 115	5	40

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

Lab Sample ID: LCSD 400-721770/3-A
Matrix: Water
Analysis Batch: 722031

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	33.3	26.61		ug/L		80	34 - 120	3	40
Bis(2-chloroethyl)ether	33.3	27.14		ug/L		81	32 - 114	4	40
Bis(2-ethylhexyl) phthalate	33.3	27.17		ug/L		82	24 - 133	2	40
Butyl benzyl phthalate	33.3	26.41		ug/L		79	24 - 140	1	40
Caprolactam	33.3	26.93		ug/L		81	10 - 150	14	40
Carbazole	33.3	27.72		ug/L		83	28 - 123	2	40
Chrysene	33.3	28.25		ug/L		85	34 - 150	5	40
Dibenz(a,h)anthracene	33.3	27.02		ug/L		81	29 - 150	3	40
Dibenzofuran	33.3	25.88		ug/L		78	35 - 110	0	40
Diethyl phthalate	33.3	25.16		ug/L		75	31 - 118	0	40
Dimethyl phthalate	33.3	23.71		ug/L		71	24 - 125	1	40
Di-n-butyl phthalate	33.3	25.49		ug/L		76	30 - 127	1	40
Di-n-octyl phthalate	33.3	29.59		ug/L		89	28 - 142	1	40
Fluoranthene	33.3	26.99		ug/L		81	30 - 150	2	40
Fluorene	33.3	26.99		ug/L		81	30 - 150	0	40
Hexachlorobenzene	33.3	26.19		ug/L		79	29 - 113	3	40
Hexachlorobutadiene	33.3	18.81		ug/L		56	10 - 117	6	40
Hexachlorocyclopentadiene	33.3	22.72		ug/L		68	10 - 150	5	40
Hexachloroethane	33.3	20.62		ug/L		62	10 - 112	11	40
Indeno[1,2,3-cd]pyrene	33.3	25.25		ug/L		76	28 - 150	0	40
Isophorone	33.3	30.25		ug/L		91	29 - 125	5	40
Naphthalene	33.3	24.01		ug/L		72	27 - 150	6	40
Nitrobenzene	33.3	28.21		ug/L		85	29 - 129	5	40
N-Nitrosodi-n-propylamine	33.3	29.82		ug/L		89	53 - 134	6	40
N-Nitrosodiphenylamine	33.1	30.14		ug/L		91	62 - 132	0	40
Pentachlorophenol	66.7	74.91		ug/L		112	14 - 150	4	40
Phenanthrene	33.3	27.65		ug/L		83	32 - 150	2	40
Phenol	33.3	34.03		ug/L		102	10 - 150	2	40
Pyrene	33.3	27.80		ug/L		83	30 - 150	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*
2-Fluorophenol (Surr)	*89*		*10 - 150*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*
Phenol-d5 (Surr)	*94*		*10 - 150*
Terphenyl-d14 (Surr)	*74*		*28 - 150*

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

Lab Sample ID: MB 400-721613/1-A
Matrix: Water
Analysis Batch: 722008

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		09/02/25 10:30	09/05/25 13:35	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*117*		*10 - 140*	*09/02/25 10:30*	*09/05/25 13:35*	*1*

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

Lab Sample ID: LCS 400-721613/2-A
Matrix: Water
Analysis Batch: 722008

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721613

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	15.95		ug/L		100	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*116*		*10 - 140*

Lab Sample ID: LCSD 400-721613/3-A
Matrix: Water
Analysis Batch: 722008

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721613

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	16.24		ug/L		102	30 - 150	2	

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*120*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-79356/1-A
Matrix: Water
Analysis Batch: 79913

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 79356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		09/04/25 07:59	09/05/25 12:22	1
Arsenic	ND		5.00	1.32	ug/L		09/04/25 07:59	09/05/25 12:22	1
Barium	ND		10.0	0.410	ug/L		09/04/25 07:59	09/05/25 12:22	1
Beryllium	ND		1.00	0.147	ug/L		09/04/25 07:59	09/05/25 12:22	1
Cadmium	ND		0.700	0.237	ug/L		09/04/25 07:59	09/05/25 12:22	1
Chromium	ND		5.00	3.69	ug/L		09/04/25 07:59	09/05/25 12:22	1
Cobalt	ND		5.00	0.411	ug/L		09/04/25 07:59	09/05/25 12:22	1
Copper	ND		2.00	0.642	ug/L		09/04/25 07:59	09/05/25 12:22	1
Lead	ND		1.00	0.864	ug/L		09/04/25 07:59	09/05/25 12:22	1
Manganese	ND		5.00	1.29	ug/L		09/04/25 07:59	09/05/25 12:22	1
Nickel	ND		5.00	0.422	ug/L		09/04/25 07:59	09/05/25 12:22	1
Selenium	ND		5.00	2.29	ug/L		09/04/25 07:59	09/05/25 12:22	1
Silver	ND		1.00	0.167	ug/L		09/04/25 07:59	09/05/25 12:22	1
Thallium	ND		1.00	0.190	ug/L		09/04/25 07:59	09/05/25 12:22	1
Vanadium	ND		5.00	1.22	ug/L		09/04/25 07:59	09/05/25 12:22	1
Zinc	ND		10.0	8.91	ug/L		09/04/25 07:59	09/05/25 12:22	1

Lab Sample ID: LCS 705-79356/2-A
Matrix: Water
Analysis Batch: 79913

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 79356

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	102.2		ug/L		102	80 - 120		
Arsenic			100	104.5		ug/L		104	80 - 120		
Barium			100	103.6		ug/L		104	80 - 120		
Beryllium			100	88.58		ug/L		89	80 - 120		
Cadmium			100	96.32		ug/L		96	80 - 120		

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

Lab Sample ID: LCS 705-79356/2-A
Matrix: Water
Analysis Batch: 79913

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 79356

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	100.5		ug/L		101	80 - 120
Cobalt	100	102.8		ug/L		103	80 - 120
Copper	100	105.4		ug/L		105	80 - 120
Lead	100	96.75		ug/L		97	80 - 120
Manganese	100	99.15		ug/L		99	80 - 120
Nickel	100	104.4		ug/L		104	80 - 120
Selenium	100	94.43		ug/L		94	80 - 120
Silver	10.0	9.982		ug/L		100	80 - 120
Thallium	100	96.85		ug/L		97	80 - 120
Vanadium	100	99.78		ug/L		100	80 - 120
Zinc	100	102.0		ug/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-81131/1-A
Matrix: Water
Analysis Batch: 81217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/11/25 20:18	1

Lab Sample ID: LCS 705-81131/2-A
Matrix: Water
Analysis Batch: 81217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.954		ug/L		99	80 - 120

Lab Sample ID: MB 705-81135/1-A
Matrix: Water
Analysis Batch: 82028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		09/11/25 15:18	09/12/25 08:21	1

Lab Sample ID: LCS 705-81135/2-A
Matrix: Water
Analysis Batch: 82028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.000		ug/L		100	80 - 120

Lab Sample ID: 752-36344-9 MS
Matrix: Water
Analysis Batch: 82028

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 81135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		4.00	4.037		ug/L		101	75 - 125

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

Lab Sample ID: 752-36344-9 MSD
Matrix: Water
Analysis Batch: 82028

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 81135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	3.984		ug/L		100	75 - 125	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-13331/74
Matrix: Water
Analysis Batch: 13331

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.0500	0.0200	mg/L			09/03/25 12:38	1

Lab Sample ID: LCS 752-13331/75
Matrix: Water
Analysis Batch: 13331

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			1.02	0.9738		mg/L		96	90 - 110		

Lab Sample ID: 752-36344-5 MS
Matrix: Water
Analysis Batch: 13331

Client Sample ID: Duplicate-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND	F1	0.395	0.09960	F1	mg/L		25	90 - 110		

Lab Sample ID: 752-36344-5 MSD
Matrix: Water
Analysis Batch: 13331

Client Sample ID: Duplicate-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND	F1	0.395	0.1017	F1	mg/L		26	90 - 110	2	30

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-722628/12
Matrix: Water
Analysis Batch: 722628

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			09/10/25 13:53	1

Lab Sample ID: LCS 400-722628/13
Matrix: Water
Analysis Batch: 722628

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	14.25		mg/L		95	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-722628/14
Matrix: Water
Analysis Batch: 722628

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	2.527	J	mg/L		51	50 - 150		

Lab Sample ID: 752-36344-1 MS
Matrix: Water
Analysis Batch: 722628

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	23.7	F1	10.0	42.53	F1	mg/L		188	77 - 128		

Lab Sample ID: 752-36344-1 MSD
Matrix: Water
Analysis Batch: 722628

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	23.7	F1	10.0	40.76	F1	mg/L		170	77 - 128	4	5

GC/MS VOA

Analysis Batch: 722073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	8260D	
752-36344-2	MW-7	Total/NA	Water	8260D	
752-36344-3	MW-8	Total/NA	Water	8260D	
752-36344-4	MW-9	Total/NA	Water	8260D	
752-36344-5	Duplicate-1	Total/NA	Water	8260D	
752-36344-6	MW-1	Total/NA	Water	8260D	
752-36344-7	MW-2	Total/NA	Water	8260D	
752-36344-8	MW-3	Total/NA	Water	8260D	
752-36344-9	MW-5	Total/NA	Water	8260D	
752-36344-10	MW-6	Total/NA	Water	8260D	
752-36344-11	Trip Blank	Total/NA	Water	8260D	
MB 400-722073/21	Method Blank	Total/NA	Water	8260D	
LCS 400-722073/1009	Lab Control Sample	Total/NA	Water	8260D	
752-36344-1 MS	MW-4	Total/NA	Water	8260D	
752-36344-1 MSD	MW-4	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 721613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	3510C	
752-36344-2	MW-7	Total/NA	Water	3510C	
752-36344-3	MW-8	Total/NA	Water	3510C	
752-36344-4	MW-9	Total/NA	Water	3510C	
752-36344-5	Duplicate-1	Total/NA	Water	3510C	
752-36344-6	MW-1	Total/NA	Water	3510C	
752-36344-7	MW-2	Total/NA	Water	3510C	
752-36344-8	MW-3	Total/NA	Water	3510C	
752-36344-9	MW-5	Total/NA	Water	3510C	
752-36344-10	MW-6	Total/NA	Water	3510C	
MB 400-721613/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-721613/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-721613/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 721770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	3511	
752-36344-2	MW-7	Total/NA	Water	3511	
752-36344-3	MW-8	Total/NA	Water	3511	
752-36344-4	MW-9	Total/NA	Water	3511	
752-36344-5	Duplicate-1	Total/NA	Water	3511	
752-36344-6	MW-1	Total/NA	Water	3511	
752-36344-7	MW-2	Total/NA	Water	3511	
752-36344-8	MW-3	Total/NA	Water	3511	
752-36344-9	MW-5	Total/NA	Water	3511	
752-36344-10	MW-6	Total/NA	Water	3511	
MB 400-721770/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-721770/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-721770/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

GC/MS Semi VOA

Analysis Batch: 722008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	8270E SIM ID	721613
752-36344-2	MW-7	Total/NA	Water	8270E SIM ID	721613
752-36344-3	MW-8	Total/NA	Water	8270E SIM ID	721613
MB 400-721613/1-A	Method Blank	Total/NA	Water	8270E SIM ID	721613
LCS 400-721613/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	721613
LCSD 400-721613/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	721613

Analysis Batch: 722031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	8270E	721770
752-36344-2	MW-7	Total/NA	Water	8270E	721770
752-36344-3	MW-8	Total/NA	Water	8270E	721770
752-36344-4	MW-9	Total/NA	Water	8270E	721770
752-36344-5	Duplicate-1	Total/NA	Water	8270E	721770
752-36344-6	MW-1	Total/NA	Water	8270E	721770
752-36344-7	MW-2	Total/NA	Water	8270E	721770
752-36344-8	MW-3	Total/NA	Water	8270E	721770
752-36344-9	MW-5	Total/NA	Water	8270E	721770
752-36344-10	MW-6	Total/NA	Water	8270E	721770
MB 400-721770/1-A	Method Blank	Total/NA	Water	8270E	721770
LCS 400-721770/2-A	Lab Control Sample	Total/NA	Water	8270E	721770
LCSD 400-721770/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	721770

Analysis Batch: 722071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-4	MW-9	Total/NA	Water	8270E SIM ID	721613
752-36344-5	Duplicate-1	Total/NA	Water	8270E SIM ID	721613
752-36344-6	MW-1	Total/NA	Water	8270E SIM ID	721613
752-36344-7	MW-2	Total/NA	Water	8270E SIM ID	721613
752-36344-8	MW-3	Total/NA	Water	8270E SIM ID	721613
752-36344-9	MW-5	Total/NA	Water	8270E SIM ID	721613
752-36344-10	MW-6	Total/NA	Water	8270E SIM ID	721613

Metals

Prep Batch: 79356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total Recoverable	Water	3005A	
752-36344-2	MW-7	Total Recoverable	Water	3005A	
752-36344-3	MW-8	Total Recoverable	Water	3005A	
752-36344-4	MW-9	Total Recoverable	Water	3005A	
752-36344-5	Duplicate-1	Total Recoverable	Water	3005A	
752-36344-6	MW-1	Total Recoverable	Water	3005A	
752-36344-7	MW-2	Total Recoverable	Water	3005A	
752-36344-8	MW-3	Total Recoverable	Water	3005A	
752-36344-9	MW-5	Total Recoverable	Water	3005A	
752-36344-10	MW-6	Total Recoverable	Water	3005A	
MB 705-79356/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-79356/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals

Analysis Batch: 79913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-79356/1-A	Method Blank	Total Recoverable	Water	6020B	79356
LCS 705-79356/2-A	Lab Control Sample	Total Recoverable	Water	6020B	79356

Analysis Batch: 80131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total Recoverable	Water	6020B	79356
752-36344-2	MW-7	Total Recoverable	Water	6020B	79356
752-36344-3	MW-8	Total Recoverable	Water	6020B	79356
752-36344-4	MW-9	Total Recoverable	Water	6020B	79356
752-36344-5	Duplicate-1	Total Recoverable	Water	6020B	79356
752-36344-6	MW-1	Total Recoverable	Water	6020B	79356
752-36344-7	MW-2	Total Recoverable	Water	6020B	79356
752-36344-8	MW-3	Total Recoverable	Water	6020B	79356
752-36344-9	MW-5	Total Recoverable	Water	6020B	79356
752-36344-10	MW-6	Total Recoverable	Water	6020B	79356

Prep Batch: 81131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	7470A	
752-36344-2	MW-7	Total/NA	Water	7470A	
752-36344-3	MW-8	Total/NA	Water	7470A	
752-36344-4	MW-9	Total/NA	Water	7470A	
752-36344-5	Duplicate-1	Total/NA	Water	7470A	
752-36344-6	MW-1	Total/NA	Water	7470A	
752-36344-7	MW-2	Total/NA	Water	7470A	
752-36344-8	MW-3	Total/NA	Water	7470A	
MB 705-81131/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-81131/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 81135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-9	MW-5	Total/NA	Water	7470A	
752-36344-10	MW-6	Total/NA	Water	7470A	
MB 705-81135/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-81135/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-36344-9 MS	MW-5	Total/NA	Water	7470A	
752-36344-9 MSD	MW-5	Total/NA	Water	7470A	

Analysis Batch: 81217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	7470A	81131
752-36344-2	MW-7	Total/NA	Water	7470A	81131
752-36344-3	MW-8	Total/NA	Water	7470A	81131
752-36344-4	MW-9	Total/NA	Water	7470A	81131
752-36344-5	Duplicate-1	Total/NA	Water	7470A	81131
752-36344-6	MW-1	Total/NA	Water	7470A	81131
752-36344-7	MW-2	Total/NA	Water	7470A	81131
752-36344-8	MW-3	Total/NA	Water	7470A	81131
MB 705-81131/1-A	Method Blank	Total/NA	Water	7470A	81131
LCS 705-81131/2-A	Lab Control Sample	Total/NA	Water	7470A	81131

Metals

Analysis Batch: 82028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-9	MW-5	Total/NA	Water	7470A	81135
752-36344-10	MW-6	Total/NA	Water	7470A	81135
MB 705-81135/1-A	Method Blank	Total/NA	Water	7470A	81135
LCS 705-81135/2-A	Lab Control Sample	Total/NA	Water	7470A	81135
752-36344-9 MS	MW-5	Total/NA	Water	7470A	81135
752-36344-9 MSD	MW-5	Total/NA	Water	7470A	81135

General Chemistry

Analysis Batch: 13331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	350.1	
752-36344-2	MW-7	Total/NA	Water	350.1	
752-36344-3	MW-8	Total/NA	Water	350.1	
752-36344-4	MW-9	Total/NA	Water	350.1	
752-36344-5	Duplicate-1	Total/NA	Water	350.1	
752-36344-6	MW-1	Total/NA	Water	350.1	
752-36344-7	MW-2	Total/NA	Water	350.1	
752-36344-8	MW-3	Total/NA	Water	350.1	
752-36344-9	MW-5	Total/NA	Water	350.1	
752-36344-10	MW-6	Total/NA	Water	350.1	
MB 752-13331/74	Method Blank	Total/NA	Water	350.1	
LCS 752-13331/75	Lab Control Sample	Total/NA	Water	350.1	
752-36344-5 MS	Duplicate-1	Total/NA	Water	350.1	
752-36344-5 MSD	Duplicate-1	Total/NA	Water	350.1	

Analysis Batch: 13346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	Nitrate by calc	
752-36344-2	MW-7	Total/NA	Water	Nitrate by calc	
752-36344-3	MW-8	Total/NA	Water	Nitrate by calc	
752-36344-4	MW-9	Total/NA	Water	Nitrate by calc	
752-36344-5	Duplicate-1	Total/NA	Water	Nitrate by calc	
752-36344-6	MW-1	Total/NA	Water	Nitrate by calc	
752-36344-7	MW-2	Total/NA	Water	Nitrate by calc	
752-36344-8	MW-3	Total/NA	Water	Nitrate by calc	
752-36344-9	MW-5	Total/NA	Water	Nitrate by calc	
752-36344-10	MW-6	Total/NA	Water	Nitrate by calc	

Analysis Batch: 722628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-36344-1	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-36344-2	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-36344-3	MW-8	Total/NA	Water	SM 4500 SO4 E	
752-36344-4	MW-9	Total/NA	Water	SM 4500 SO4 E	
752-36344-5	Duplicate-1	Total/NA	Water	SM 4500 SO4 E	
752-36344-6	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-36344-7	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-36344-8	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-36344-9	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-36344-10	MW-6	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 722628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-722628/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-722628/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-722628/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-36344-1 MS	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-36344-1 MSD	MW-4	Total/NA	Water	SM 4500 SO4 E	

Client Sample ID: MW-4
Lab Sample ID: 752-36344-1

Date Collected: 08/28/25 12:10
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 13:04
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 18:58
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722008	VC1	EET PEN	09/05/25 18:19
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:07
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 07:38
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 12:59
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:05

Client Sample ID: MW-7
Lab Sample ID: 752-36344-2

Date Collected: 08/28/25 17:35
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 14:42
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 19:32
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722008	VC1	EET PEN	09/05/25 18:41
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:09
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 07:42
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:01
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		5	722628	CJK	EET PEN	09/10/25 14:57

Client Sample ID: MW-8
Lab Sample ID: 752-36344-3

Date Collected: 08/28/25 16:00
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 15:06
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 20:07
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722008	VC1	EET PEN	09/05/25 19:02
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:12

Client Sample ID: MW-8
Lab Sample ID: 752-36344-3

Date Collected: 08/28/25 16:00
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 07:45
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:02
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:07

Client Sample ID: MW-9
Lab Sample ID: 752-36344-4

Date Collected: 08/28/25 14:15
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 15:33
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 20:42
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 20:38
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:14
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 07:49
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:04
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:08

Client Sample ID: Duplicate-1
Lab Sample ID: 752-36344-5

Date Collected: 08/28/25 00:00
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 15:58
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 21:16
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 21:00
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:31
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 08:05
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:09
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:08

Client Sample ID: MW-1

Lab Sample ID: 752-36344-6

Date Collected: 08/28/25 14:35

Matrix: Water

Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 16:22
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 21:50
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 21:22
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:34
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 08:09
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:14
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:09

Client Sample ID: MW-2

Lab Sample ID: 752-36344-7

Date Collected: 08/28/25 16:40

Matrix: Water

Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 16:46
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 22:24
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 21:43
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:36
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 08:13
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:16
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		2	722628	CJK	EET PEN	09/10/25 14:58

Client Sample ID: MW-3

Lab Sample ID: 752-36344-8

Date Collected: 08/28/25 15:50

Matrix: Water

Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 17:11
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 22:58
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 22:05
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:39

Client Sample ID: MW-3
Lab Sample ID: 752-36344-8

Date Collected: 08/28/25 15:50
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			81131	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	81217	GR	EET ATL	09/12/25 08:17
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:18
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:10

Client Sample ID: MW-5
Lab Sample ID: 752-36344-9

Date Collected: 08/28/25 11:50
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 17:35
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/05/25 23:31
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 22:27
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:41
Total/NA	Prep	7470A			81135	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	82028	GR	EET ATL	09/12/25 08:28
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:20
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		1	722628	CJK	EET PEN	09/10/25 14:10

Client Sample ID: MW-6
Lab Sample ID: 752-36344-10

Date Collected: 08/28/25 12:55
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 18:00
Total/NA	Prep	3511			721770	AMM	EET PEN	09/03/25 11:48
Total/NA	Analysis	8270E		1	722031	UI	EET PEN	09/06/25 00:05
Total/NA	Prep	3510C			721613	BKL	EET PEN	09/02/25 10:30
Total/NA	Analysis	8270E SIM ID		1	722071	VC1	EET PEN	09/05/25 22:49
Total Recoverable	Prep	3005A			79356	SA	EET ATL	09/04/25 07:59
Total Recoverable	Analysis	6020B		1	80131	IF	EET ATL	09/06/25 01:43
Total/NA	Prep	7470A			81135	GR	EET ATL	09/11/25 15:18
Total/NA	Analysis	7470A		1	82028	GR	EET ATL	09/12/25 08:40
Total/NA	Analysis	350.1		1	13331	ME	EET RAL	09/03/25 13:21
Total/NA	Analysis	Nitrate by calc		1	13346	LEB	EET RAL	09/05/25 11:12
Total/NA	Analysis	SM 4500 SO4 E		20	722628	CJK	EET PEN	09/10/25 15:09

Lab Chronicle

Client: S&ME Inc
Job ID: 752-36344-1
Project/Site: Walltown Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-36344-11
Date Collected: 08/28/25 00:00
Matrix: Water
Date Received: 08/29/25 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722073	CAR	EET PEN	09/05/25 18:24

Laboratory References:

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

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

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-36344-1
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

Method Summary

Client: S&ME Inc
Job ID: 752-36344-1
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	Nitrogen, Ammonia	EPA	EET RAL
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET RAL
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

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

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

Laboratory References:

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

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

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

Sample Summary

Client: S&ME Inc
Job ID: 752-36344-1
Project/Site: Walltown Park

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-36344-1	MW-4	Water	08/28/25 12:10	08/29/25 10:55	North Carolina
752-36344-2	MW-7	Water	08/28/25 17:35	08/29/25 10:55	North Carolina
752-36344-3	MW-8	Water	08/28/25 16:00	08/29/25 10:55	North Carolina
752-36344-4	MW-9	Water	08/28/25 14:15	08/29/25 10:55	North Carolina
752-36344-5	Duplicate-1	Water	08/28/25 00:00	08/29/25 10:55	North Carolina
752-36344-6	MW-1	Water	08/28/25 14:35	08/29/25 10:55	North Carolina
752-36344-7	MW-2	Water	08/28/25 16:40	08/29/25 10:55	North Carolina
752-36344-8	MW-3	Water	08/28/25 15:50	08/29/25 10:55	North Carolina
752-36344-9	MW-5	Water	08/28/25 11:50	08/29/25 10:55	North Carolina
752-36344-10	MW-6	Water	08/28/25 12:55	08/29/25 10:55	North Carolina
752-36344-11	Trip Blank	Water	08/28/25 00:00	08/29/25 10:55	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Branden Governo	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-169224-59655.1
Client Contact: Jerry Paul	Phone: 828-713-8390	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			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: Walltown Park	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
D - HNO3
A - HCL

752-36344 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)	9056A_ORGFM_28D - Sulfate	6020B - PRLF 16 Metals, Including prep; 7470A -	8260D - VOC NC 02L List	8270E_SIM_MS_ID - 1,4-Dioxane	8270E_QQQ - SVOC TCL OLM4.2	350.1, 353.2	353.2_Nitrite, Nitrate_Calc (48 hour HT)							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	A	N	N	S								
MW-4	8/28/25	1210	G	W	N	N	X	X	X	X	X	X	X								
MW-7		1735			N	N	X	X	X	X	X	X	X								
MW-8		1600			N	N	X	X	X	X	X	X	X								
MW-9		1415			N	N	X	X	X	X	X	X	X								
Duplicate - 1					N	N	X	X	X	X	X	X	X								
MW-1		1435			N	N	X	X	X	X	X	X	X								
MW-2		1640			N	N	X	X	X	X	X	X	X								
MW-3		1550			N	N	X	X	X	X	X	X	X								
MW-5		1150			N	N	X	X	X	X	X	X	X								
MW-6		1255	↓	↓	N	N	X	X	X	X	X	X	X								
Trip Blanks																					

Initial Temperature: 3.2 2.7 °C
Correction Factor: -0.3°C
Corrected Temperature: 2.9, 2.4 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO LB

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) NCDEQ EDD

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Branden Governo	8/29/25 1055	S&ME	[illegible]	8/29/25 1055	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-6472.1
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 #: 752-36344-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 9/9/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_E	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
MW-4 (752-36344-1)	8/28/25	12:10 Eastern	G	Water			X	X	X	X		
MW-7 (752-36344-2)	8/28/25	17:35 Eastern	G	Water			X	X	X	X		
MW-8 (752-36344-3)	8/28/25	16:00 Eastern	G	Water			X	X	X	X		
MW-9 (752-36344-4)	8/28/25	14.15 Eastern	G	Water			X	X	X	X		
Duplicate-1 (752-36344-5)	8/28/25	Eastern	G	Water			X	X	X	X		
MW-1 (752-36344-6)	8/28/25	14.35 Eastern	G	Water			X	X	X	X		
MW-2 (752-36344-7)	8/28/25	16.40 Eastern	G	Water			X	X	X	X		
MW-3 (752-36344-8)	8/28/25	15:50 Eastern	G	Water			X	X	X	X		
MW-5 (752-36344-9)	8/28/25	11:50 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	*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
Thach OL	8/29/25 1130		[illegible]	8/30/25 1835	EETS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:	2.9C/IR11	3.1C/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: 752-6472.2
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 #: 752-36344-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 9/9/2025			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_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_E	For Mississippi Phosphorus List	Special Instructions/Note:
			Preservation Code:									
MW-6 (752-36344-10)	8/28/25	12.55 Eastern	G	Water			X	X	X	X		
Trip Blank (752-36344-11)	8/28/25	11 50 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
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:

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: 752-6470.1
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 #: 752-36344-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 9/9/2025			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:							
MW-4 (752-36344-1)	8/28/25	12:10 Eastern	G	Water			X	X	1	
MW-7 (752-36344-2)	8/28/25	17:35 Eastern	G	Water			X	X	1	
MW-8 (752-36344-3)	8/28/25	16:00 Eastern	G	Water			X	X	1	
MW-9 (752-36344-4)	8/28/25	14:15 Eastern	G	Water			X	X	1	
Duplicate-1 (752-36344-5)	8/28/25	Eastern	G	Water			X	X	1	
MW-1 (752-36344-6)	8/28/25	14:35 Eastern	G	Water			X	X	1	
MW-2 (752-36344-7)	8/28/25	16:40 Eastern	G	Water			X	X	1	
MW-3 (752-36344-8)	8/28/25	15:50 Eastern	G	Water			X	X	1	
MW-5 (752-36344-9)	8/28/25	11:50 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
[signature]	8/29/25 1130		[signature]	8/30/25 9:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2° #2665

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-6470.2
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 #: 752-36344-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 9/9/2025			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:							
MW-6 (752-36344-10)	8/28/25	12:55 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
1	Rachel	8/29/25 1130			8/30/25 9:00	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2° #2665

Ver: 10/10/2024

9/17/2025

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-36344-1

Login Number: 36344

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-36344-1

Login Number: 36344
List Number: 2
Creator: Sims, Christion

List Source: Eurofins Atlanta
List Creation: 08/30/25 10:18 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: 752-36344-1

Login Number: 36344
List Number: 3
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 08/30/25 11:52 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	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	3.1°C IR11, 2.9°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	

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Analytical Report

9/25/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name:
Project #: 23050630
Workorder #: 2509450B

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 9/11/2025 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

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WORK ORDER #: 2509450B

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 #**	23050630
DATE RECEIVED:	09/11/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	09/25/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	824-LFGP-1	Modified ASTM D-1946	9.4 "Hg	1.9 psi
02A	824-LFGP-4	Modified ASTM D-1946	10 "Hg	2 psi
03A	824-LFGP-2	Modified ASTM D-1946	9.8 "Hg	1.8 psi
04A	824-LFGP-5	Modified ASTM D-1946	9.2 "Hg	1.9 psi
05A	824-LFGP-8	Modified ASTM D-1946	10.6 "Hg	1.9 psi
06A	824-LFGP-9	Modified ASTM D-1946	10.8 "Hg	1.9 psi
07A	824-LFGP-6	Modified ASTM D-1946	7.3 "Hg	1.9 psi
08A	824-LFGP-7	Modified ASTM D-1946	8.8 "Hg	1.8 psi
09A	824-LFGP-DUP	Modified ASTM D-1946	12 "Hg	1.9 psi
10A	824-LFGP-3	Modified ASTM D-1946	10 "Hg	1.8 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: 09/25/25

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.

LABORATORY NARRATIVE
Modified ASTM D-1946
S & ME, Inc.
Workorder# 2509450B

Ten 6 Liter Summa Canister samples were received on September 11, 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-1 and 824-LFGP-3 did not match the information on the canister with regard to canister barcode. The sample labeled 6L4384 and 6L2456 on the COC is labeled as 1046 and 2456 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the samples.

The Chain of Custody contained incorrect method information. The laboratory proceeded with the analysis as per the original contract or verbal agreement.

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

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

Client Sample ID: 824-LFGP-1

Lab ID#: 2509450B-01A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00039

Client Sample ID: 824-LFGP-4

Lab ID#: 2509450B-02A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00020

Client Sample ID: 824-LFGP-2

Lab ID#: 2509450B-03A

No Detections Were Found.

Client Sample ID: 824-LFGP-5

Lab ID#: 2509450B-04A

No Detections Were Found.

Client Sample ID: 824-LFGP-8

Lab ID#: 2509450B-05A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00018	0.00022

Client Sample ID: 824-LFGP-9

Lab ID#: 2509450B-06A

No Detections Were Found.

Client Sample ID: 824-LFGP-6

Lab ID#: 2509450B-07A

No Detections Were Found.

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

Client Sample ID: 824-LFGP-7

Lab ID#: 2509450B-08A

No Detections Were Found.

Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450B-09A

No Detections Were Found.

Client Sample ID: 824-LFGP-3

Lab ID#: 2509450B-10A

No Detections Were Found.

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Client Sample ID: 824-LFGP-1

Lab ID#: 2509450B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092505**	**Date of Collection: 9/5/25 2:40:00 PM**	
Dil. Factor:	**1.64**	**Date of Analysis: 9/25/25 07:54 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00039

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-4

Lab ID#: 2509450B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092506**	**Date of Collection: 9/5/25 2:55:00 PM**	
Dil. Factor:	**1.70**	**Date of Analysis: 9/25/25 08:19 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00020

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-2

Lab ID#: 2509450B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092507**	**Date of Collection: 9/5/25 1:25:00 PM**	
Dil. Factor:	**1.67**	**Date of Analysis: 9/25/25 08:44 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00017	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-5

Lab ID#: 2509450B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092508**	**Date of Collection: 9/5/25 1:35:00 PM**	
Dil. Factor:	**1.63**	**Date of Analysis: 9/25/25 09:07 AM**	

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

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-8

Lab ID#: 2509450B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092509**	**Date of Collection:**	**9/5/25 1:50:00 PM**
Dil. Factor:	**1.75**	**Date of Analysis:**	**9/25/25 09:32 AM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00018	0.00022

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-9

Lab ID#: 2509450B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092510**	**Date of Collection: 9/8/25 1:30:00 PM**	
Dil. Factor:	**1.77**	**Date of Analysis: 9/25/25 09:56 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00018	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-6

Lab ID#: 2509450B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092511**	**Date of Collection: 9/5/25 2:55:00 PM**	
Dil. Factor:	**1.50**	**Date of Analysis: 9/25/25 10:20 AM**	

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

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-7

Lab ID#: 2509450B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092512**	**Date of Collection: 9/5/25 2:50:00 PM**	
Dil. Factor:	**1.59**	**Date of Analysis: 9/25/25 10:43 AM**	

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

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092513**	**Date of Collection:**	**9/5/25 12:55:00 PM**
Dil. Factor:	**1.89**	**Date of Analysis:**	**9/25/25 11:13 AM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00019	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-3

Lab ID#: 2509450B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092514**	**Date of Collection: 9/5/25 12:55:00 PM**	
Dil. Factor:	**1.68**	**Date of Analysis: 9/25/25 11:37 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00017	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: Lab Blank

Lab ID#: 2509450B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/25 07:26 AM**	

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

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2509450B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092501**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/25 08:47 PM**

Compound	%Recovery
Methane	94

Container Type: NA - Not Applicable

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Client Sample ID: LCS

Lab ID#: 2509450B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/25 09:11 PM**	

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable

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Client Sample ID: LCSD

Lab ID#: 2509450B-13AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/25 07:00 AM**	

Compound	%Recovery	Method Limits
Methane	95	85-115

Container Type: NA - Not Applicable

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Method : Modified ASTM D-1946 (Sh)-CH4 only

CAS Number	Compound	Rpt. Limit (%)
74-82-8	Methane	0.00010

Analysis Request / Canister Chain of Custody

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Eurofins Environment Testing Northern California, LLC
180 Blue Ravine Rd. Suite B, Folsom, CA 95630
Phone (800) 985-5955; Fax (916) 351-8279

Workorder #: 2509450 in 9/8/25

Instructions

If no TAT is marked, EATL will proceed with Standard TAT

Client:
Site Name: Durham Parks - Walltown
Project Manager: Jerry Paul
Sampler: Brandon Govern & Clay Fairchild

Project Name:
Project #: 23050630
PO#:

Turnaround Time (Specify Below)
Standard X Rush _____ (Surcharges will apply, per availability)
Samples received after 3PM PST are considered to be received on the following workday.
Requested Date (mm/dd/yy):
OR Number of Days:

Lab ID	Field Sample Identification (Location)	Canister Barcode #	Flow Controller Barcode #	Start Sampling Information		Stop Sampling Information		Requested Analyses				Canister Vacuum/Pressure		Lab Use Only	
				Date	Time	Date	Time	TO-15	Sulfurs (M25)	3C (Methane)		Initial (in Hg)	Final (in Hg)	Receipt (in "Hg)	Final (in psi) Gas: N2 / He
01A	824 - LFGP - 1	6L4384	23439	9-5-25	1115	9-5-25	1440	X	X	X		28	7		
02A	824 - LFGP - 4	6L2188	25538	↓	1135	↓	1455	↓	↓	↓		30	6		
03A	824 - LFGP - 2	6L3267	23459	↓	0952	↓	1325	↓	↓	↓		30	8		
04A	824 - LFGP - 5	6L1776	25316	↓	1025	↓	1335	↓	↓	↓		29	7		
05A	824 - LFGP - 8	6L2097	24063	↓	1050	↓	1350	↓	↓	↓		28	8		
06A	824 - LFGP - 9	6L1473	24392	9-8-25	1100	9-8-25	1330	↓	↓	↓		28	4		
07A	824 - LFGP - 6	6L0394	23424	9-5-25	1220	9-5-25	1455	↓	↓	↓		28	6		
08A	824 - LFGP - 7	6L2397	23683	↓	1155	↓	1450	↓	↓	↓		30	5		
09A	824 - LFGP - DUP	6L0871	26995	↓	1015	↓	1255	↓	↓	↓		30	6		
10A	824 - LFGP - 3	6L2456	24282	9-5-25	1015	9-5-25	1255	↓	↓	↓		30	6		

Special Instructions/Notes:

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
[signature] / S+ME	9-10-25	1410	[signature] EATL	9/11/25	0945
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time

Lab Use Only

Shipper Name: Fed Ex | Custody Seals Intact? Yes No (None) | Condition:

Sample Transportation Notice: Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, of shipping of samples. D.O.T Hotline (800) 467-4922

EMSL Analytical, Inc.

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

EMSL Order ID: 012534068
LIMS Reference ID: AD34068
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-Walltown Park 23050630 Phase AA
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD34068-01	824-LFGP-9	Air	09/08/2025	09/09/2025
AD34068-02	824-LFGP-8	Air	09/08/2025	09/09/2025
AD34068-03	824-LFGP-7	Air	09/08/2025	09/09/2025
AD34068-04	824-LFGP-6	Air	09/08/2025	09/09/2025
AD34068-05	824-LFGP-5	Air	09/08/2025	09/09/2025
AD34068-06	824-LFGP-4	Air	09/08/2025	09/09/2025
AD34068-07	824-LFGP-3	Air	09/08/2025	09/09/2025
AD34068-08	824-LFGP-2	Air	09/08/2025	09/09/2025
AD34068-09	824-LFGP-1	Air	09/08/2025	09/09/2025
AD34068-10	824-LFGP-DUP	Air	09/08/2025	09/09/2025

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.

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Project Name: City of Durham Parks-Walltown Park 23050630 Phase AA
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

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:

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.

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

Owen McKenna Laboratory Manager or other approved signatory

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-01
Customer Sample ID: 824-LFGP-9

Collected: 09/08/2025 15:00
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 17:28	BDI1000	R1344.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	09/16/25 17:28	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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LIMS Reference ID: AD34068
EMSL Customer ID: SMEI60

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jpaul@smeinc.com

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-02
Customer Sample ID: 824-LFGP-8

Collected: 09/08/2025 15:15
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 17:42	BDI1000	R1345.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	09/16/25 17:42	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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EMSL Order ID: 012534068
LIMS Reference ID: AD34068
EMSL Customer ID: SMEI60

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-03
Customer Sample ID: 824-LFGP-7

Collected: 09/08/2025 16:00
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 17:56	BDI1000	R1346.D	824-LFGP-7	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	09/16/25 17:56	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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Exposure Limit Definitions

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EMSL-CIN-01

EMSL Order ID: 012534068
LIMS Reference ID: AD34068
EMSL Customer ID: SMEI60

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Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-04
Customer Sample ID: 824-LFGP-6

Collected: 09/08/2025 16:05
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 18:10	BDI1000	R1347.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	09/16/25 18:10	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

1 www.osha.gov
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Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-05
Customer Sample ID: 824-LFGP-5
Collected: 09/08/2025 15:20
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 18:37	BDI1000	R1349.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	09/16/25 18:37	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-06
Customer Sample ID: 824-LFGP-4

Collected: 09/08/2025 15:55
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 18:50	BDI1000	R1350.D	824-LFGP-4	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	09/16/25 18:50	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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EMSL Order ID: 012534068
LIMS Reference ID: AD34068
EMSL Customer ID: SMEI60

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-07
Customer Sample ID: 824-LFGP-3

Collected: 09/08/2025 15:30
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 19:05	BDI1000	R1351.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	09/16/25 19:05	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-08
Customer Sample ID: 824-LFGP-2

Collected: 09/08/2025 15:40
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 19:33	BDI1000	R1353.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	09/16/25 19:33	
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: 012534068
LIMS Reference ID: AD34068
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-Walltown Park 23050630 Phase AA
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-09
Customer Sample ID: 824-LFGP-1

Collected: 09/08/2025 15:50
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 19:46	BDI1000	R1354.D	824-LFGP-1	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	09/16/25 19:46	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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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: 012534068
LIMS Reference ID: AD34068
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-Walltown Park 23050630 Phase AA
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

EMSL Sample ID: AD34068-10
Customer Sample ID: 824-LFGP-DUP
Collected: 09/08/2025 15:50
Received: 09/09/2025 09:45

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
09/16/25 20:00	BDI1000	R1355.D	824-LFGP-DUP	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	09/16/25 20:00	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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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: 012534068
LIMS Reference ID: AD34068
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-Walltown Park 23050630 Phase AA
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/09/2025 09:45
Reported: 11/05/2025 12:12

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

AD34068

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only

RECEIVED EMSL CINNAMINSON, NJ
25 SEP -9 AM 10:10

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: USA
Phone: 919-801-6482
Email(s) for Report: jpaul@smeinc.com

Billing Information

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

Project Name/No: City of Durham Parks - Walltown Park 23050630 Phase AA
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: Clay Fairclotth
Sampled By Signature: Clay Fairclotth
Sampler ID#: (if applicable)
No. Samples in Shipment: 10

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
824-LFGP-9	☐	☑	9/8/25 1500	A		✓								Low Level #25
824-LFGP-8	☐	☑	9/8/25 1515			✓								
824-LFGP-7	☐	☑	9/8/25 1600			✓								
824-LFGP-6	☐	☑	9/8/25 1605			✓								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)
Please use MDL of 14 µg/m3 if possible

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: Clay Fairclotth
Date/Time: 9/8/25 18:20
Received by: Shewlek FX
Date/Time 9/9/25 0945
Relinquished by:
Date/Time:
Received by:
Date/Time

FX: 8183378598

☐ 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.

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only

AD34068

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

RECEIVED
EMSL
CINNAMINSON, NJ
25 SEP -9 AM 10: 10

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
~~824-LFGP~~ 824-LFGP-5	☐	☑	9/8/25 1520	A		✓								Low Level H2S
824-LFGP-4	☐	☑	9/8/25 1555			✓								
824-LFGP-3	☐	☑	9/8/25 1530			✓								
824-LFGP-2	☐	☑	9/8/25 1540			✓								
824-LFGP-1	☐	☑	9/8/25 1550			✓								
824-LFGP-DUP	☐	☑	9/8/25			✓								
	☐	☐												
	☐	☐												
	☐	☐												

Method of Shipment: Fed Ex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by:	Date/Time:	Received by:	Date/Time
[signature]	9/8/25 18:20	[signature] FX	9/9/25 0945
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.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/26/2025 9:20:41 AM

JOB DESCRIPTION

Walltown Park

JOB NUMBER

400-276742-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

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
6/26/2025 9:20:41 AM

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

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Job Narrative
400-276742-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/29/2025 9:45 AM. 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 0.0°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 400-711829 and analytical batch 400-711786 recovered outside control limits for the following analyte: Isopropyl ether. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA
Method 8270E: The laboratory control sample (LCS) for preparation batch 400-711662 and analytical batch 400-711868 recovered outside control limits for the following analyte: 3-Nitroaniline. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: SED-1 (400-276742-1), SED-2 (400-276742-2), SED-6 (400-276742-3), SED-DUP (400-276742-4) and SED-5 (400-276742-5). Elevated reporting limits (RLs) are provided.

Method 8270E_SIM_ID_D5: The method blank for preparation batch 400-711850 contained 1,4-Dioxane above the reporting limit (RL). The samples associated with this method blank that did not contain 1,4-Dioxane were not re-extracted and re-analyzed. The samples that did have detections were re-extracted out of hold and re-analyzed. The re-analysis results were all non-detect for 1,4-Dioxane. Both sets of results are included in the report.

Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: SED-1 (400-276742-1), SED-2 (400-276742-2), SED-6 (400-276742-3), SED-DUP (400-276742-4), and SED-5 (400-276742-5). 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
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: 400-276742-1

Client Sample ID: SED-1 — Lab Sample ID: 400-276742-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.175		0.0208	0.00998	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0147	J	0.0208	0.00499	mg/Kg	1	☼	8260D	Total/NA
Styrene	0.00142	J	0.00416	0.000831	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00900	B	0.00703	0.00703	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]pyrene	0.423	J	1.94	0.276	mg/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.717	J	1.94	0.581	mg/Kg	5	☼	8270E	Total/NA
Chrysene	0.639	J	1.94	0.622	mg/Kg	5	☼	8270E	Total/NA
Fluoranthene	1.28	J	1.94	0.428	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.835	J	1.94	0.458	mg/Kg	5	☼	8270E	Total/NA
Antimony	0.412	J	1.09	0.109	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.23		0.326	0.109	mg/Kg	1	☼	6020B	Total/NA
Barium	47.7		0.544	0.0653	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.337		0.0544	0.0163	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.223		0.0544	0.0163	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.3		1.09	0.120	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.56		0.0544	0.0109	mg/Kg	1	☼	6020B	Total/NA
Copper	18.4		0.544	0.141	mg/Kg	1	☼	6020B	Total/NA
Lead	39.3		0.218	0.0544	mg/Kg	1	☼	6020B	Total/NA
Manganese	191		1.09	0.131	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.6		1.09	0.283	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.328	J	0.544	0.109	mg/Kg	1	☼	6020B	Total/NA
Silver	0.0435	J	0.109	0.0109	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.1		0.544	0.294	mg/Kg	1	☼	6020B	Total/NA
Zinc	78.1		2.18	1.09	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0271	J	0.0272	0.00870	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SED-2 — Lab Sample ID: 400-276742-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0472		0.0228	0.0110	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.00581	J	0.0228	0.00548	mg/Kg	1	☼	8260D	Total/NA
4-Isopropyltoluene	0.00170	J	0.00457	0.000914	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00105	J	0.00457	0.000914	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00923	B	0.00704	0.00704	mg/Kg	5	☼	8270E SIM ID	Total/NA
Fluoranthene	0.777	J	2.02	0.448	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.482	J	2.02	0.478	mg/Kg	5	☼	8270E	Total/NA
Sulfate	40.4		24.9	9.09	mg/Kg	1	☼	9056A	Soluble
Antimony	0.253	J	1.08	0.108	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.634		0.323	0.108	mg/Kg	1	☼	6020B	Total/NA
Barium	29.7		0.538	0.0646	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.190		0.0538	0.0161	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.205		0.0538	0.0161	mg/Kg	1	☼	6020B	Total/NA
Chromium	6.70		1.08	0.118	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.20		0.0538	0.0108	mg/Kg	1	☼	6020B	Total/NA
Copper	10.7		0.538	0.140	mg/Kg	1	☼	6020B	Total/NA
Lead	54.8		0.215	0.0538	mg/Kg	1	☼	6020B	Total/NA
Manganese	89.9		1.08	0.129	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.1		1.08	0.280	mg/Kg	1	☼	6020B	Total/NA
Silver	0.0490	J	0.108	0.0108	mg/Kg	1	☼	6020B	Total/NA
Vanadium	14.2		0.538	0.291	mg/Kg	1	☼	6020B	Total/NA
Zinc	86.1		2.15	1.08	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-2 (Continued) — Lab Sample ID: 400-276742-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0264	J	0.0294	0.00942	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SED-6 — Lab Sample ID: 400-276742-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.259		0.0328	0.0157	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0227	J	0.0328	0.00786	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00206	J	0.00655	0.00131	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	0.510	J	2.33	0.332	mg/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.825	J	2.33	0.699	mg/Kg	5	☼	8270E	Total/NA
Fluoranthene	1.51	J	2.33	0.515	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.921	J	2.33	0.551	mg/Kg	5	☼	8270E	Total/NA
Nitrate as N	1.42	J	2.88	0.951	mg/Kg	1	☼	9056A	Soluble
Sulfate	37.5		28.8	10.5	mg/Kg	1	☼	9056A	Soluble
Antimony	0.835	J	1.44	0.144	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.08		0.432	0.144	mg/Kg	1	☼	6020B	Total/NA
Barium	45.9		0.720	0.0865	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.245		0.0720	0.0216	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.226		0.0720	0.0216	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.0		1.44	0.159	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.49		0.0720	0.0144	mg/Kg	1	☼	6020B	Total/NA
Copper	17.7		0.720	0.187	mg/Kg	1	☼	6020B	Total/NA
Lead	41.2		0.288	0.0720	mg/Kg	1	☼	6020B	Total/NA
Manganese	158		1.44	0.173	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.5		1.44	0.375	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.268	J	0.720	0.144	mg/Kg	1	☼	6020B	Total/NA
Silver	0.219		0.144	0.0144	mg/Kg	1	☼	6020B	Total/NA
Vanadium	19.7		0.720	0.389	mg/Kg	1	☼	6020B	Total/NA
Zinc	121		2.88	1.44	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0121	J	0.0305	0.00977	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SED-DUP — Lab Sample ID: 400-276742-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.148		0.0248	0.0119	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0140	J	0.0248	0.00596	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.0736	B	0.00749	0.00749	mg/Kg	5	☼	8270E SIM ID	Total/NA
Fluoranthene	0.900	J	2.11	0.467	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.543	J	2.11	0.499	mg/Kg	5	☼	8270E	Total/NA
Sulfate	11.3	J	26.1	9.52	mg/Kg	1	☼	9056A	Soluble
Antimony	0.333	J	1.13	0.113	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.911		0.339	0.113	mg/Kg	1	☼	6020B	Total/NA
Barium	36.2		0.565	0.0678	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.197		0.0565	0.0169	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.127		0.0565	0.0169	mg/Kg	1	☼	6020B	Total/NA
Chromium	7.74		1.13	0.124	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.54		0.0565	0.0113	mg/Kg	1	☼	6020B	Total/NA
Copper	18.0		0.565	0.147	mg/Kg	1	☼	6020B	Total/NA
Lead	33.0		0.226	0.0565	mg/Kg	1	☼	6020B	Total/NA
Manganese	137		1.13	0.136	mg/Kg	1	☼	6020B	Total/NA
Nickel	10.3		1.13	0.294	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.167	J	0.565	0.113	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-DUP (Continued) — Lab Sample ID: 400-276742-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.392		0.113	0.0113	mg/Kg	1	☼	6020B	Total/NA
Vanadium	12.6		0.565	0.305	mg/Kg	1	☼	6020B	Total/NA
Zinc	89.6		2.26	1.13	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0127	J	0.0278	0.00889	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SED-5 — Lab Sample ID: 400-276742-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0469		0.0239	0.0115	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.0430	B	0.00718	0.00718	mg/Kg	5	☼	8270E SIM ID	Total/NA
Fluoranthene	0.763	J	2.04	0.451	mg/Kg	5	☼	8270E	Total/NA
Pyrene	0.489	J	2.04	0.482	mg/Kg	5	☼	8270E	Total/NA
Sulfate	11.5	J	24.5	8.93	mg/Kg	1	☼	9056A	Soluble
Antimony	0.185	J	1.05	0.105	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.464		0.315	0.105	mg/Kg	1	☼	6020B	Total/NA
Barium	19.5		0.524	0.0629	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.130		0.0524	0.0157	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.136		0.0524	0.0157	mg/Kg	1	☼	6020B	Total/NA
Chromium	3.98		1.05	0.115	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.65		0.0524	0.0105	mg/Kg	1	☼	6020B	Total/NA
Copper	9.12		0.524	0.136	mg/Kg	1	☼	6020B	Total/NA
Lead	19.2		0.210	0.0524	mg/Kg	1	☼	6020B	Total/NA
Manganese	77.7		1.05	0.126	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.96		1.05	0.273	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.121	J	0.524	0.105	mg/Kg	1	☼	6020B	Total/NA
Silver	0.0189	J	0.105	0.0105	mg/Kg	1	☼	6020B	Total/NA
Vanadium	7.28		0.524	0.283	mg/Kg	1	☼	6020B	Total/NA
Zinc	53.8		2.10	1.05	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 400-276742-6

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

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

Job ID: 400-276742-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-276742-1	SED-1	Solid	05/28/25 09:50	05/29/25 09:45
400-276742-2	SED-2	Solid	05/28/25 12:50	05/29/25 09:45
400-276742-3	SED-6	Solid	05/28/25 13:50	05/29/25 09:45
400-276742-4	SED-DUP	Solid	05/28/25 13:50	05/29/25 09:45
400-276742-5	SED-5	Solid	05/28/25 15:15	05/29/25 09:45
400-276742-6	Trip Blank	Water	05/28/25 00:00	05/29/25 09:45

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.175**		0.0208	0.00998	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Benzene	ND		0.00416	0.000557	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Bromobenzene	ND		0.00416	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Chlorobromomethane	ND		0.00416	0.000673	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Dichlorobromomethane	ND		0.00416	0.000765	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Bromoform	ND		0.00416	0.00108	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Bromomethane	ND		0.00416	0.00208	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
2-Butanone (MEK)	**0.0147**	**J**	0.0208	0.00499	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
n-Butylbenzene	ND		0.00416	0.000798	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
sec-Butylbenzene	ND		0.00416	0.000790	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
tert-Butylbenzene	ND		0.00416	0.000915	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Carbon disulfide	ND		0.00416	0.00210	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Carbon tetrachloride	ND		0.00416	0.00141	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Chlorobenzene	ND		0.00416	0.00110	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Chloroethane	ND		0.00416	0.00274	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Chloroform	ND		0.00416	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Chloromethane	ND		0.00416	0.00184	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
2-Chlorotoluene	ND		0.00416	0.00138	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
4-Chlorotoluene	ND		0.00416	0.000815	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Chlorodibromomethane	ND		0.00416	0.000998	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2-Dibromo-3-Chloropropane	ND		0.00416	0.00274	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Ethylene Dibromide	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Dibromomethane	ND		0.00416	0.000690	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2-Dichlorobenzene	ND		0.00416	0.00132	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,3-Dichlorobenzene	ND		0.00416	0.000790	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,4-Dichlorobenzene	ND		0.00416	0.000715	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
trans-1,4-Dichloro-2-butene	ND		0.00416	0.00208	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1-Dichloroethane	ND		0.00416	0.000690	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2-Dichloroethane	ND		0.00416	0.00153	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
cis-1,2-Dichloroethene	ND		0.00416	0.000632	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
trans-1,2-Dichloroethene	ND		0.00416	0.000798	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1-Dichloroethene	ND		0.00416	0.00175	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2-Dichloropropane	ND		0.00416	0.000632	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,3-Dichloropropane	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
2,2-Dichloropropane	ND		0.00416	0.000915	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1-Dichloropropene	ND		0.00416	0.000690	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
cis-1,3-Dichloropropene	ND		0.00416	0.000998	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
trans-1,3-Dichloropropene	ND		0.00416	0.000915	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Ethylbenzene	ND		0.00416	0.000507	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Hexachlorobutadiene	ND		0.00416	0.00208	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
2-Hexanone	ND		0.0208	0.00416	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Iodomethane	ND		0.00416	0.00283	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Isopropylbenzene	ND		0.00416	0.000565	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
4-Isopropyltoluene	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Methylene Chloride	ND		0.0125	0.00831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.0208	0.0112	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Methyl tert-butyl ether	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Naphthalene	ND		0.00416	0.00249	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
N-Propylbenzene	ND		0.00416	0.000748	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**0.00142**	**J**	0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1,1,2-Tetrachloroethane	ND		0.00416	0.000915	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1,2,2-Tetrachloroethane	ND		0.00416	0.00143	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Tetrachloroethene	ND		0.00416	0.00249	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Toluene	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2,3-Trichlorobenzene	ND		0.00416	0.000915	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2,4-Trichlorobenzene	ND		0.00416	0.00167	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1,1-Trichloroethane	ND		0.00416	0.000915	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1,2-Trichloroethane	ND		0.00416	0.00134	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Trichloroethene	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Trichlorofluoromethane	ND		0.00416	0.00201	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2,3-Trichloropropane	ND		0.00416	0.00173	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00416	0.00156	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,2,4-Trimethylbenzene	ND		0.00416	0.000831	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
1,3,5-Trimethylbenzene	ND		0.00416	0.000690	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Vinyl acetate	ND		0.0208	0.00530	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Vinyl chloride	ND		0.00416	0.00181	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
o-Xylene	ND		0.00416	0.00249	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
m-Xylene & p-Xylene	ND		0.00416	0.00249	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Xylenes, Total	ND		0.00831	0.00499	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Isopropyl ether	ND	*+	0.00416	0.00115	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Hexane	ND		0.00416	0.00216	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
n-Heptane	ND		0.00416	0.00240	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1
Ethyl acetate	ND		0.0166	0.00416	mg/Kg	☼	06/06/25 08:25	06/06/25 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:25*	*1*
Dibromofluoromethane	*104*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:25*	*1*
Toluene-d8 (Surr)	*102*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00900**	**B**	0.00703	0.00703	mg/Kg	☼	06/06/25 11:43	06/10/25 13:12	5
1,4-Dioxane	ND	H	0.00710	0.00710	mg/Kg	☼	06/12/25 11:56	06/14/25 22:48	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*61*		*10 - 150*	*06/06/25 11:43*	*06/10/25 13:12*	*5*
1,4-Dioxane-d8	*10*		*10 - 150*	*06/12/25 11:56*	*06/14/25 22:48*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.94	0.487	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,4,5-Trichlorophenol	ND		1.94	0.593	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,4,6-Trichlorophenol	ND		1.94	0.616	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,4-Dichlorophenol	ND		1.94	0.411	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,4-Dimethylphenol	ND		1.94	0.552	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,4-Dinitrophenol	ND		5.81	1.70	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,4-Dinitrotoluene	ND		1.94	0.593	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2-Chlorophenol	ND		1.94	0.710	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2-Chloronaphthalene	ND		1.94	0.452	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5

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

Job ID: 400-276742-1

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		1.94	0.640	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2-Methylphenol	ND		1.94	0.469	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2-Nitroaniline	ND		1.94	0.411	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2-Nitrophenol	ND		1.94	0.692	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
3 & 4 Methylphenol	ND		3.87	0.452	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
3,3'-Dichlorobenzidine	ND		1.94	0.645	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
3-Nitroaniline	ND	*+	1.94	0.458	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4,6-Dinitro-2-methylphenol	ND		1.94	1.41	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4-Bromophenyl phenyl ether	ND		1.94	0.616	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4-Chloro-3-methylphenol	ND		1.94	0.475	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4-Chloroaniline	ND		1.94	0.475	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4-Chlorophenyl phenyl ether	ND		1.94	0.194	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4-Nitroaniline	ND		1.94	0.663	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Acenaphthene	ND		1.94	0.475	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Acenaphthylene	ND		1.94	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Acetophenone	ND		1.94	0.552	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Anthracene	ND		1.94	0.458	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Benzo[a]anthracene	ND		1.94	0.516	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Benzo[a]pyrene	**0.423**	**J**	1.94	0.276	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Benzo[b]fluoranthene	**0.717**	**J**	1.94	0.581	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Benzo[g,h,i]perylene	ND		1.94	0.645	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Benzo[k]fluoranthene	ND		1.94	0.458	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Bis(2-chloroethoxy)methane	ND		1.94	0.428	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Bis(2-chloroethyl)ether	ND		1.94	0.634	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Bis(2-ethylhexyl) phthalate	ND		1.94	0.475	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Chrysene	**0.639**	**J**	1.94	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Dibenz(a,h)anthracene	ND		1.94	0.745	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Dibenzofuran	ND		1.94	0.487	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Di-n-butyl phthalate	ND		1.94	0.569	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Diethyl phthalate	ND		1.94	0.622	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Dimethyl phthalate	ND		1.94	0.522	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Di-n-octyl phthalate	ND		1.94	0.704	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Fluoranthene	**1.28**	**J**	1.94	0.428	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Fluorene	ND		1.94	0.528	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Hexachlorobenzene	ND		1.94	0.587	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Hexachlorobutadiene	ND		1.94	0.816	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Hexachlorocyclopentadiene	ND		1.94	0.387	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Hexachloroethane	ND		1.94	0.892	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Indeno[1,2,3-cd]pyrene	ND		1.94	0.780	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Isophorone	ND		1.94	0.393	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Naphthalene	ND		1.94	0.522	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Nitrobenzene	ND		1.94	0.575	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
N-Nitrosodiphenylamine	ND		1.94	0.493	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
N-Nitrosodi-n-propylamine	ND		1.94	0.616	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Pentachlorophenol	ND		3.87	0.939	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Phenanthrene	ND		1.94	0.475	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Phenol	ND		1.94	0.522	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Pyrene	**0.835**	**J**	1.94	0.458	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Butyl benzyl phthalate	ND		1.94	0.939	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5

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

Job ID: 400-276742-1

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		1.94	0.739	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Carbazole	ND		1.94	0.657	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
2,6-Dinitrotoluene	ND		1.94	0.604	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
4-Nitrophenol	ND		1.94	1.76	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Atrazine	ND		1.94	0.528	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Benzaldehyde	ND		1.94	0.786	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5
Caprolactam	ND		1.94	0.493	mg/Kg	☼	06/05/25 11:02	06/06/25 20:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 150*	*06/05/25 11:02*	*06/06/25 20:00*	*5*
2-Fluorobiphenyl (Surr)	*71*		*27 - 127*	*06/05/25 11:02*	*06/06/25 20:00*	*5*
2-Fluorophenol (Surr)	*53*		*25 - 128*	*06/05/25 11:02*	*06/06/25 20:00*	*5*
Terphenyl-d14 (Surr)	*81*		*24 - 146*	*06/05/25 11:02*	*06/06/25 20:00*	*5*
Phenol-d5 (Surr)	*53*		*29 - 130*	*06/05/25 11:02*	*06/06/25 20:00*	*5*
Nitrobenzene-d5 (Surr)	*61*		*15 - 136*	*06/05/25 11:02*	*06/06/25 20:00*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.42	0.800	mg/Kg	☼		06/05/25 03:11	1
Sulfate	ND		24.2	8.85	mg/Kg	☼		06/05/25 03:11	1

Method: SW846 6020B - Metals (ICPMS) – Solid Matrix

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.412**	**J**	1.09	0.109	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Arsenic	**1.23**		0.326	0.109	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Barium	**47.7**		0.544	0.0653	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Beryllium	**0.337**		0.0544	0.0163	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Cadmium	**0.223**		0.0544	0.0163	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Chromium	**13.3**		1.09	0.120	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Cobalt	**5.56**		0.0544	0.0109	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Copper	**18.4**		0.544	0.141	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Lead	**39.3**		0.218	0.0544	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Manganese	**191**		1.09	0.131	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Nickel	**14.6**		1.09	0.283	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Selenium	**0.328**	**J**	0.544	0.109	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Silver	**0.0435**	**J**	0.109	0.0109	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Thallium	ND		0.109	0.0544	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Vanadium	**22.1**		0.544	0.294	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1
Zinc	**78.1**		2.18	1.09	mg/Kg	☼	06/02/25 06:06	06/02/25 14:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0271**	**J**	0.0272	0.00870	mg/Kg	☼	06/02/25 14:08	06/02/25 17:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**82.1**		0.01	0.01	%			06/03/25 14:12	1
Percent Moisture (EPA Moisture)	**17.9**		0.01	0.01	%			06/03/25 14:12	1

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

Job ID: 400-276742-1

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid
Percent Solids: 82.1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.16	0.373	mg/Kg	☼		06/04/25 13:05	1

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

Job ID: 400-276742-1

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0472**		0.0228	0.0110	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Benzene	ND		0.00457	0.000612	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Bromobenzene	ND		0.00457	0.00119	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Chlorobromomethane	ND		0.00457	0.000740	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Dichlorobromomethane	ND		0.00457	0.000841	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Bromoform	ND		0.00457	0.00119	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Bromomethane	ND		0.00457	0.00228	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
2-Butanone (MEK)	**0.00581**	**J**	0.0228	0.00548	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
n-Butylbenzene	ND		0.00457	0.000877	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
sec-Butylbenzene	ND		0.00457	0.000868	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
tert-Butylbenzene	ND		0.00457	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Carbon disulfide	ND		0.00457	0.00231	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Carbon tetrachloride	ND		0.00457	0.00155	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Chlorobenzene	ND		0.00457	0.00121	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Chloroethane	ND		0.00457	0.00302	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Chloroform	ND		0.00457	0.00124	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Chloromethane	ND		0.00457	0.00202	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
2-Chlorotoluene	ND		0.00457	0.00152	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
4-Chlorotoluene	ND		0.00457	0.000895	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Chlorodibromomethane	ND		0.00457	0.00110	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2-Dibromo-3-Chloropropane	ND		0.00457	0.00302	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Ethylene Dibromide	ND		0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Dibromomethane	ND		0.00457	0.000758	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2-Dichlorobenzene	ND		0.00457	0.00145	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,3-Dichlorobenzene	ND		0.00457	0.000868	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,4-Dichlorobenzene	ND		0.00457	0.000786	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
trans-1,4-Dichloro-2-butene	ND		0.00457	0.00228	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1-Dichloroethane	ND		0.00457	0.000758	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2-Dichloroethane	ND		0.00457	0.00168	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
cis-1,2-Dichloroethene	ND		0.00457	0.000694	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
trans-1,2-Dichloroethene	ND		0.00457	0.000877	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1-Dichloroethene	ND		0.00457	0.00192	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2-Dichloropropane	ND		0.00457	0.000694	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,3-Dichloropropane	ND		0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
2,2-Dichloropropane	ND		0.00457	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1-Dichloropropene	ND		0.00457	0.000758	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
cis-1,3-Dichloropropene	ND		0.00457	0.00110	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
trans-1,3-Dichloropropene	ND		0.00457	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Ethylbenzene	ND		0.00457	0.000557	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Hexachlorobutadiene	ND		0.00457	0.00228	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
2-Hexanone	ND		0.0228	0.00457	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Iodomethane	ND		0.00457	0.00311	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Isopropylbenzene	ND		0.00457	0.000621	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
4-Isopropyltoluene	**0.00170**	**J**	0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Methylene Chloride	ND		0.0137	0.00914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.0228	0.0123	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Methyl tert-butyl ether	ND		0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Naphthalene	ND		0.00457	0.00274	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
N-Propylbenzene	ND		0.00457	0.000822	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1,1,2-Tetrachloroethane	ND		0.00457	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1,2,2-Tetrachloroethane	ND		0.00457	0.00157	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Tetrachloroethene	ND		0.00457	0.00274	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Toluene	**0.00105**	**J**	0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2,3-Trichlorobenzene	ND		0.00457	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2,4-Trichlorobenzene	ND		0.00457	0.00184	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1,1-Trichloroethane	ND		0.00457	0.00101	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1,2-Trichloroethane	ND		0.00457	0.00147	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Trichloroethene	ND		0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Trichlorofluoromethane	ND		0.00457	0.00221	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2,3-Trichloropropane	ND		0.00457	0.00190	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00457	0.00172	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,2,4-Trimethylbenzene	ND		0.00457	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
1,3,5-Trimethylbenzene	ND		0.00457	0.000758	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Vinyl acetate	ND		0.0228	0.00583	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Vinyl chloride	ND		0.00457	0.00199	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
o-Xylene	ND		0.00457	0.00274	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
m-Xylene & p-Xylene	ND		0.00457	0.00274	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Xylenes, Total	ND		0.00914	0.00548	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Isopropyl ether	ND	*+	0.00457	0.00126	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Hexane	ND		0.00457	0.00238	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
n-Heptane	ND		0.00457	0.00264	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1
Ethyl acetate	ND		0.0183	0.00457	mg/Kg	☼	06/06/25 08:25	06/06/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:46*	*1*
Dibromofluoromethane	*108*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:46*	*1*
Toluene-d8 (Surr)	*98*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*50 - 150*	*06/06/25 08:25*	*06/06/25 16:46*	*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	**0.00923**	**B**	0.00704	0.00704	mg/Kg	☼	06/06/25 11:43	06/10/25 13:34	5
1,4-Dioxane	ND	H	0.00734	0.00734	mg/Kg	☼	06/12/25 11:56	06/17/25 13:28	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*10 - 150*	*06/06/25 11:43*	*06/10/25 13:34*	*5*
1,4-Dioxane-d8	*51*		*10 - 150*	*06/12/25 11:56*	*06/17/25 13:28*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.02	0.509	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,4,5-Trichlorophenol	ND		2.02	0.619	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,4,6-Trichlorophenol	ND		2.02	0.644	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,4-Dichlorophenol	ND		2.02	0.429	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,4-Dimethylphenol	ND		2.02	0.576	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,4-Dinitrophenol	ND		6.07	1.78	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,4-Dinitrotoluene	ND		2.02	0.619	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2-Chlorophenol	ND		2.02	0.742	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2-Chloronaphthalene	ND		2.02	0.472	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		2.02	0.668	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2-Methylphenol	ND		2.02	0.491	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2-Nitroaniline	ND		2.02	0.429	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2-Nitrophenol	ND		2.02	0.724	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
3 & 4 Methylphenol	ND		4.05	0.472	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
3,3'-Dichlorobenzidine	ND		2.02	0.675	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
3-Nitroaniline	ND	*+	2.02	0.478	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4,6-Dinitro-2-methylphenol	ND		2.02	1.47	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4-Bromophenyl phenyl ether	ND		2.02	0.644	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4-Chloro-3-methylphenol	ND		2.02	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4-Chloroaniline	ND		2.02	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4-Chlorophenyl phenyl ether	ND		2.02	0.202	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4-Nitroaniline	ND		2.02	0.693	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Acenaphthene	ND		2.02	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Acenaphthylene	ND		2.02	0.540	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Acetophenone	ND		2.02	0.576	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Anthracene	ND		2.02	0.478	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Benzo[a]anthracene	ND		2.02	0.540	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Benzo[a]pyrene	ND		2.02	0.288	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Benzo[b]fluoranthene	ND		2.02	0.607	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Benzo[g,h,i]perylene	ND		2.02	0.675	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Benzo[k]fluoranthene	ND		2.02	0.478	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Bis(2-chloroethoxy)methane	ND		2.02	0.448	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Bis(2-chloroethyl)ether	ND		2.02	0.662	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Bis(2-ethylhexyl) phthalate	ND		2.02	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Chrysene	ND		2.02	0.650	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Dibenz(a,h)anthracene	ND		2.02	0.779	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Dibenzofuran	ND		2.02	0.509	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Di-n-butyl phthalate	ND		2.02	0.595	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Diethyl phthalate	ND		2.02	0.650	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Dimethyl phthalate	ND		2.02	0.546	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Di-n-octyl phthalate	ND		2.02	0.736	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Fluoranthene	**0.777**	**J**	2.02	0.448	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Fluorene	ND		2.02	0.552	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Hexachlorobenzene	ND		2.02	0.613	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Hexachlorobutadiene	ND		2.02	0.852	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Hexachlorocyclopentadiene	ND		2.02	0.405	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Hexachloroethane	ND		2.02	0.932	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Indeno[1,2,3-cd]pyrene	ND		2.02	0.816	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Isophorone	ND		2.02	0.411	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Naphthalene	ND		2.02	0.546	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Nitrobenzene	ND		2.02	0.601	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
N-Nitrosodiphenylamine	ND		2.02	0.515	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
N-Nitrosodi-n-propylamine	ND		2.02	0.644	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Pentachlorophenol	ND		4.05	0.981	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Phenanthrene	ND		2.02	0.497	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Phenol	ND		2.02	0.546	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Pyrene	**0.482**	**J**	2.02	0.478	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Butyl benzyl phthalate	ND		2.02	0.981	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		2.02	0.773	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Carbazole	ND		2.02	0.687	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
2,6-Dinitrotoluene	ND		2.02	0.632	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
4-Nitrophenol	ND		2.02	1.84	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Atrazine	ND		2.02	0.552	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Benzaldehyde	ND		2.02	0.822	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5
Caprolactam	ND		2.02	0.515	mg/Kg	☼	06/05/25 11:02	06/06/25 20:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*	*06/05/25 11:02*	*06/06/25 20:28*	*5*
2-Fluorobiphenyl (Surr)	*64*		*27 - 127*	*06/05/25 11:02*	*06/06/25 20:28*	*5*
2-Fluorophenol (Surr)	*48*		*25 - 128*	*06/05/25 11:02*	*06/06/25 20:28*	*5*
Terphenyl-d14 (Surr)	*65*		*24 - 146*	*06/05/25 11:02*	*06/06/25 20:28*	*5*
Phenol-d5 (Surr)	*45*		*29 - 130*	*06/05/25 11:02*	*06/06/25 20:28*	*5*
Nitrobenzene-d5 (Surr)	*54*		*15 - 136*	*06/05/25 11:02*	*06/06/25 20:28*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.49	0.822	mg/Kg	☼		06/05/25 03:20	1
Sulfate	**40.4**		24.9	9.09	mg/Kg	☼		06/05/25 03:20	1

Method: SW846 6020B - Metals (ICPMS) – Solid Matrix

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.253**	**J**	1.08	0.108	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Arsenic	**0.634**		0.323	0.108	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Barium	**29.7**		0.538	0.0646	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Beryllium	**0.190**		0.0538	0.0161	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Cadmium	**0.205**		0.0538	0.0161	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Chromium	**6.70**		1.08	0.118	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Cobalt	**4.20**		0.0538	0.0108	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Copper	**10.7**		0.538	0.140	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Lead	**54.8**		0.215	0.0538	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Manganese	**89.9**		1.08	0.129	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Nickel	**13.1**		1.08	0.280	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Selenium	ND		0.538	0.108	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Silver	**0.0490**	**J**	0.108	0.0108	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Thallium	ND		0.108	0.0538	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Vanadium	**14.2**		0.538	0.291	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1
Zinc	**86.1**		2.15	1.08	mg/Kg	☼	06/02/25 06:06	06/02/25 14:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0264**	**J**	0.0294	0.00942	mg/Kg	☼	06/02/25 14:08	06/02/25 17:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**80.1**		0.01	0.01	%			06/03/25 14:12	1
Percent Moisture (EPA Moisture)	**19.9**		0.01	0.01	%			06/03/25 14:12	1

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

Job ID: 400-276742-1

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid
Percent Solids: 80.1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.18	0.377	mg/Kg	☼		06/04/25 13:13	1

Client Sample ID: SED-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-3
Matrix: Solid
Percent Solids: 69.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.259**		0.0328	0.0157	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Benzene	ND		0.00655	0.000878	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Bromobenzene	ND		0.00655	0.00170	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Chlorobromomethane	ND		0.00655	0.00106	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Dichlorobromomethane	ND		0.00655	0.00121	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Bromoform	ND		0.00655	0.00170	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Bromomethane	ND		0.00655	0.00328	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
2-Butanone (MEK)	**0.0227**	**J**	0.0328	0.00786	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
n-Butylbenzene	ND		0.00655	0.00126	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
sec-Butylbenzene	ND		0.00655	0.00125	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
tert-Butylbenzene	ND		0.00655	0.00144	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Carbon disulfide	ND		0.00655	0.00332	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Carbon tetrachloride	ND		0.00655	0.00223	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Chlorobenzene	ND		0.00655	0.00173	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Chloroethane	ND		0.00655	0.00433	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Chloroform	ND		0.00655	0.00178	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Chloromethane	ND		0.00655	0.00290	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
2-Chlorotoluene	ND		0.00655	0.00218	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
4-Chlorotoluene	ND		0.00655	0.00128	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Chlorodibromomethane	ND		0.00655	0.00157	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2-Dibromo-3-Chloropropane	ND		0.00655	0.00433	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Ethylene Dibromide	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Dibromomethane	ND		0.00655	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2-Dichlorobenzene	ND		0.00655	0.00208	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,3-Dichlorobenzene	ND		0.00655	0.00125	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,4-Dichlorobenzene	ND		0.00655	0.00113	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
trans-1,4-Dichloro-2-butene	ND		0.00655	0.00328	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1-Dichloroethane	ND		0.00655	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2-Dichloroethane	ND		0.00655	0.00241	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
cis-1,2-Dichloroethene	ND		0.00655	0.000996	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
trans-1,2-Dichloroethene	ND		0.00655	0.00126	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1-Dichloroethene	ND		0.00655	0.00275	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2-Dichloropropane	ND		0.00655	0.000996	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,3-Dichloropropane	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
2,2-Dichloropropane	ND		0.00655	0.00144	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1-Dichloropropene	ND		0.00655	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
cis-1,3-Dichloropropene	ND		0.00655	0.00157	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
trans-1,3-Dichloropropene	ND		0.00655	0.00144	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Ethylbenzene	ND		0.00655	0.000799	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Hexachlorobutadiene	ND		0.00655	0.00328	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
2-Hexanone	ND		0.0328	0.00655	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Iodomethane	ND		0.00655	0.00446	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Isopropylbenzene	ND		0.00655	0.000891	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
4-Isopropyltoluene	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Methylene Chloride	ND		0.0197	0.0131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
4-Methyl-2-pentanone (MIBK)	ND		0.0328	0.0176	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Methyl tert-butyl ether	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Naphthalene	ND		0.00655	0.00393	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
N-Propylbenzene	ND		0.00655	0.00118	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1

Client Sample ID: SED-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-3
Matrix: Solid
Percent Solids: 69.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1,1,2-Tetrachloroethane	ND		0.00655	0.00144	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1,2,2-Tetrachloroethane	ND		0.00655	0.00225	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Tetrachloroethene	ND		0.00655	0.00393	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Toluene	**0.00206**	**J**	0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2,3-Trichlorobenzene	ND		0.00655	0.00144	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2,4-Trichlorobenzene	ND		0.00655	0.00263	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1,1-Trichloroethane	ND		0.00655	0.00144	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1,2-Trichloroethane	ND		0.00655	0.00211	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Trichloroethene	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Trichlorofluoromethane	ND		0.00655	0.00317	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2,3-Trichloropropane	ND		0.00655	0.00273	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00655	0.00246	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,2,4-Trimethylbenzene	ND		0.00655	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
1,3,5-Trimethylbenzene	ND		0.00655	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Vinyl acetate	ND		0.0328	0.00836	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Vinyl chloride	ND		0.00655	0.00286	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
o-Xylene	ND		0.00655	0.00393	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
m-Xylene & p-Xylene	ND		0.00655	0.00393	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Xylenes, Total	ND		0.0131	0.00786	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Isopropyl ether	ND	*+	0.00655	0.00181	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Hexane	ND		0.00655	0.00341	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
n-Heptane	ND		0.00655	0.00379	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1
Ethyl acetate	ND		0.0262	0.00655	mg/Kg	☼	06/06/25 08:25	06/06/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:07*	*1*
Dibromofluoromethane	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:07*	*1*
Toluene-d8 (Surr)	*103*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00840	0.00840	mg/Kg	☼	06/06/25 11:43	06/10/25 13:56	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*10 - 150*	*06/06/25 11:43*	*06/10/25 13:56*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.33	0.586	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2,4,5-Trichlorophenol	ND		2.33	0.713	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2,4,6-Trichlorophenol	ND		2.33	0.741	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2,4-Dichlorophenol	ND		2.33	0.494	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2,4-Dimethylphenol	ND		2.33	0.664	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2,4-Dinitrophenol	ND		6.99	2.05	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2,4-Dinitrotoluene	ND		2.33	0.713	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2-Chlorophenol	ND		2.33	0.854	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2-Chloronaphthalene	ND		2.33	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2-Methylnaphthalene	ND		2.33	0.769	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2-Methylphenol	ND		2.33	0.565	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5

Client Sample ID: SED-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-3
Matrix: Solid
Percent Solids: 69.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2.33	0.494	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
2-Nitrophenol	ND		2.33	0.833	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
3 & 4 Methylphenol	ND		4.66	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
3,3'-Dichlorobenzidine	ND		2.33	0.776	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
3-Nitroaniline	ND	*+	2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4,6-Dinitro-2-methylphenol	ND		2.33	1.69	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4-Bromophenyl phenyl ether	ND		2.33	0.741	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4-Chloro-3-methylphenol	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4-Chloroaniline	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4-Chlorophenyl phenyl ether	ND		2.33	0.233	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4-Nitroaniline	ND		2.33	0.798	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Acenaphthene	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Acenaphthylene	ND		2.33	0.621	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Acetophenone	ND		2.33	0.664	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Anthracene	ND		2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Benzo[a]anthracene	ND		2.33	0.621	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Benzo[a]pyrene	**0.510**	**J**	2.33	0.332	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Benzo[b]fluoranthene	**0.825**	**J**	2.33	0.699	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Benzo[g,h,i]perylene	ND		2.33	0.776	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Benzo[k]fluoranthene	ND		2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Bis(2-chloroethoxy)methane	ND		2.33	0.515	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Bis(2-chloroethyl)ether	ND		2.33	0.762	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Bis(2-ethylhexyl) phthalate	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Chrysene	ND		2.33	0.748	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Dibenz(a,h)anthracene	ND		2.33	0.896	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Dibenzofuran	ND		2.33	0.586	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Di-n-butyl phthalate	ND		2.33	0.685	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Diethyl phthalate	ND		2.33	0.748	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Dimethyl phthalate	ND		2.33	0.628	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Di-n-octyl phthalate	ND		2.33	0.847	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Fluoranthene	**1.51**	**J**	2.33	0.515	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Fluorene	ND		2.33	0.635	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Hexachlorobenzene	ND		2.33	0.706	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Hexachlorobutadiene	ND		2.33	0.981	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Hexachlorocyclopentadiene	ND		2.33	0.466	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Hexachloroethane	ND		2.33	1.07	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Indeno[1,2,3-cd]pyrene	ND		2.33	0.939	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Isophorone	ND		2.33	0.473	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Naphthalene	ND		2.33	0.628	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Nitrobenzene	ND		2.33	0.692	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
N-Nitrosodiphenylamine	ND		2.33	0.593	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
N-Nitrosodi-n-propylamine	ND		2.33	0.741	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Pentachlorophenol	ND		4.66	1.13	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Phenanthrene	ND		2.33	0.572	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Phenol	ND		2.33	0.628	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Pyrene	**0.921**	**J**	2.33	0.551	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Butyl benzyl phthalate	ND		2.33	1.13	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
bis (2-chloroisopropyl) ether	ND		2.33	0.889	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Carbazole	ND		2.33	0.791	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5

Client Sample ID: SED-6

Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-3

Matrix: Solid
Percent Solids: 69.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		2.33	0.727	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
4-Nitrophenol	ND		2.33	2.12	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Atrazine	ND		2.33	0.635	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Benzaldehyde	ND		2.33	0.946	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5
Caprolactam	ND		2.33	0.593	mg/Kg	☼	06/05/25 11:02	06/06/25 20:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 150*	*06/05/25 11:02*	*06/06/25 20:56*	*5*
2-Fluorobiphenyl (Surr)	*69*		*27 - 127*	*06/05/25 11:02*	*06/06/25 20:56*	*5*
2-Fluorophenol (Surr)	*49*		*25 - 128*	*06/05/25 11:02*	*06/06/25 20:56*	*5*
Terphenyl-d14 (Surr)	*70*		*24 - 146*	*06/05/25 11:02*	*06/06/25 20:56*	*5*
Phenol-d5 (Surr)	*48*		*29 - 130*	*06/05/25 11:02*	*06/06/25 20:56*	*5*
Nitrobenzene-d5 (Surr)	*59*		*15 - 136*	*06/05/25 11:02*	*06/06/25 20:56*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.42**	**J**	2.88	0.951	mg/Kg	☼		06/05/25 03:28	1
Sulfate	**37.5**		28.8	10.5	mg/Kg	☼		06/05/25 03:28	1

Method: SW846 6020B - Metals (ICPMS) – Solid Matrix

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.835**	**J**	1.44	0.144	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Arsenic	**1.08**		0.432	0.144	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Barium	**45.9**		0.720	0.0865	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Beryllium	**0.245**		0.0720	0.0216	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Cadmium	**0.226**		0.0720	0.0216	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Chromium	**10.0**		1.44	0.159	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Cobalt	**4.49**		0.0720	0.0144	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Copper	**17.7**		0.720	0.187	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Lead	**41.2**		0.288	0.0720	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Manganese	**158**		1.44	0.173	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Nickel	**13.5**		1.44	0.375	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Selenium	**0.268**	**J**	0.720	0.144	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Silver	**0.219**		0.144	0.0144	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Thallium	ND		0.144	0.0720	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Vanadium	**19.7**		0.720	0.389	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1
Zinc	**121**		2.88	1.44	mg/Kg	☼	06/02/25 06:06	06/02/25 14:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0121**	**J**	0.0305	0.00977	mg/Kg	☼	06/02/25 14:08	06/02/25 17:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**69.4**		0.01	0.01	%			06/03/25 14:12	1
Percent Moisture (EPA Moisture)	**30.6**		0.01	0.01	%			06/03/25 14:12	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.36	0.435	mg/Kg	☼		06/04/25 13:16	1

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

Job ID: 400-276742-1

Client Sample ID: SED-DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4
Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.148**		0.0248	0.0119	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Benzene	ND		0.00497	0.000666	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Bromobenzene	ND		0.00497	0.00129	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Chlorobromomethane	ND		0.00497	0.000805	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Dichlorobromomethane	ND		0.00497	0.000914	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Bromoform	ND		0.00497	0.00129	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Bromomethane	ND		0.00497	0.00248	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
2-Butanone (MEK)	**0.0140**	**J**	0.0248	0.00596	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
n-Butylbenzene	ND		0.00497	0.000954	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
sec-Butylbenzene	ND		0.00497	0.000944	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
tert-Butylbenzene	ND		0.00497	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Carbon disulfide	ND		0.00497	0.00251	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Carbon tetrachloride	ND		0.00497	0.00169	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Chlorobenzene	ND		0.00497	0.00131	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Chloroethane	ND		0.00497	0.00328	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Chloroform	ND		0.00497	0.00135	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Chloromethane	ND		0.00497	0.00220	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
2-Chlorotoluene	ND		0.00497	0.00165	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
4-Chlorotoluene	ND		0.00497	0.000974	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Chlorodibromomethane	ND		0.00497	0.00119	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2-Dibromo-3-Chloropropane	ND		0.00497	0.00328	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Ethylene Dibromide	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Dibromomethane	ND		0.00497	0.000825	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2-Dichlorobenzene	ND		0.00497	0.00158	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,3-Dichlorobenzene	ND		0.00497	0.000944	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,4-Dichlorobenzene	ND		0.00497	0.000855	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
trans-1,4-Dichloro-2-butene	ND		0.00497	0.00248	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1-Dichloroethane	ND		0.00497	0.000825	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2-Dichloroethane	ND		0.00497	0.00183	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
cis-1,2-Dichloroethene	ND		0.00497	0.000755	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
trans-1,2-Dichloroethene	ND		0.00497	0.000954	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1-Dichloroethene	ND		0.00497	0.00209	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2-Dichloropropane	ND		0.00497	0.000755	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,3-Dichloropropane	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
2,2-Dichloropropane	ND		0.00497	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1-Dichloropropene	ND		0.00497	0.000825	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
cis-1,3-Dichloropropene	ND		0.00497	0.00119	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
trans-1,3-Dichloropropene	ND		0.00497	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Ethylbenzene	ND		0.00497	0.000606	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Hexachlorobutadiene	ND		0.00497	0.00248	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
2-Hexanone	ND		0.0248	0.00497	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Iodomethane	ND		0.00497	0.00338	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Isopropylbenzene	ND		0.00497	0.000676	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
4-Isopropyltoluene	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Methylene Chloride	ND		0.0149	0.00994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		0.0248	0.0133	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Methyl tert-butyl ether	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Naphthalene	ND		0.00497	0.00298	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
N-Propylbenzene	ND		0.00497	0.000895	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1

Client Sample ID: SED-DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4
Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1,1,2-Tetrachloroethane	ND		0.00497	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1,2,2-Tetrachloroethane	ND		0.00497	0.00171	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Tetrachloroethene	ND		0.00497	0.00298	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Toluene	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2,3-Trichlorobenzene	ND		0.00497	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2,4-Trichlorobenzene	ND		0.00497	0.00200	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1,1-Trichloroethane	ND		0.00497	0.00109	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1,2-Trichloroethane	ND		0.00497	0.00160	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Trichloroethene	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Trichlorofluoromethane	ND		0.00497	0.00241	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2,3-Trichloropropane	ND		0.00497	0.00207	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00497	0.00187	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,2,4-Trimethylbenzene	ND		0.00497	0.000994	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
1,3,5-Trimethylbenzene	ND		0.00497	0.000825	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Vinyl acetate	ND		0.0248	0.00634	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Vinyl chloride	ND		0.00497	0.00217	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
o-Xylene	ND		0.00497	0.00298	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
m-Xylene & p-Xylene	ND		0.00497	0.00298	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Xylenes, Total	ND		0.00994	0.00596	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Isopropyl ether	ND	*+	0.00497	0.00137	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Hexane	ND		0.00497	0.00258	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
n-Heptane	ND		0.00497	0.00287	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1
Ethyl acetate	ND		0.0199	0.00497	mg/Kg	☼	06/06/25 08:25	06/06/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:28*	*1*
Dibromofluoromethane	*106*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:28*	*1*
Toluene-d8 (Surr)	*98*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:28*	*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	**0.0736**	**B**	0.00749	0.00749	mg/Kg	☼	06/06/25 11:43	06/10/25 14:18	5
1,4-Dioxane	ND	H	0.00759	0.00759	mg/Kg	☼	06/12/25 11:56	06/17/25 13:49	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*70*		*10 - 150*	*06/06/25 11:43*	*06/10/25 14:18*	*5*
1,4-Dioxane-d8	*35*		*10 - 150*	*06/12/25 11:56*	*06/17/25 13:49*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.11	0.531	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,4,5-Trichlorophenol	ND		2.11	0.646	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,4,6-Trichlorophenol	ND		2.11	0.672	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,4-Dichlorophenol	ND		2.11	0.448	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,4-Dimethylphenol	ND		2.11	0.602	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,4-Dinitrophenol	ND		6.34	1.86	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,4-Dinitrotoluene	ND		2.11	0.646	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2-Chlorophenol	ND		2.11	0.774	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2-Chloronaphthalene	ND		2.11	0.493	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5

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

Job ID: 400-276742-1

Client Sample ID: SED-DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4
Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		2.11	0.698	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2-Methylphenol	ND		2.11	0.512	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2-Nitroaniline	ND		2.11	0.448	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2-Nitrophenol	ND		2.11	0.755	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
3 & 4 Methylphenol	ND		4.22	0.493	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
3,3'-Dichlorobenzidine	ND		2.11	0.704	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
3-Nitroaniline	ND	*+	2.11	0.499	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4,6-Dinitro-2-methylphenol	ND		2.11	1.54	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4-Bromophenyl phenyl ether	ND		2.11	0.672	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4-Chloro-3-methylphenol	ND		2.11	0.518	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4-Chloroaniline	ND		2.11	0.518	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4-Chlorophenyl phenyl ether	ND		2.11	0.211	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4-Nitroaniline	ND		2.11	0.723	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Acenaphthene	ND		2.11	0.518	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Acenaphthylene	ND		2.11	0.563	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Acetophenone	ND		2.11	0.602	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Anthracene	ND		2.11	0.499	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Benzo[a]anthracene	ND		2.11	0.563	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Benzo[a]pyrene	ND		2.11	0.301	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Benzo[b]fluoranthene	ND		2.11	0.634	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Benzo[g,h,i]perylene	ND		2.11	0.704	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Benzo[k]fluoranthene	ND		2.11	0.499	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Bis(2-chloroethoxy)methane	ND		2.11	0.467	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Bis(2-chloroethyl)ether	ND		2.11	0.691	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Bis(2-ethylhexyl) phthalate	ND		2.11	0.518	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Chrysene	ND		2.11	0.678	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Dibenz(a,h)anthracene	ND		2.11	0.813	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Dibenzofuran	ND		2.11	0.531	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Di-n-butyl phthalate	ND		2.11	0.621	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Diethyl phthalate	ND		2.11	0.678	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Dimethyl phthalate	ND		2.11	0.570	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Di-n-octyl phthalate	ND		2.11	0.768	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Fluoranthene	**0.900**	**J**	2.11	0.467	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Fluorene	ND		2.11	0.576	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Hexachlorobenzene	ND		2.11	0.640	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Hexachlorobutadiene	ND		2.11	0.890	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Hexachlorocyclopentadiene	ND		2.11	0.422	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Hexachloroethane	ND		2.11	0.973	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Indeno[1,2,3-cd]pyrene	ND		2.11	0.851	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Isophorone	ND		2.11	0.429	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Naphthalene	ND		2.11	0.570	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Nitrobenzene	ND		2.11	0.627	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
N-Nitrosodiphenylamine	ND		2.11	0.538	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
N-Nitrosodi-n-propylamine	ND		2.11	0.672	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Pentachlorophenol	ND		4.22	1.02	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Phenanthrene	ND		2.11	0.518	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Phenol	ND		2.11	0.570	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Pyrene	**0.543**	**J**	2.11	0.499	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Butyl benzyl phthalate	ND		2.11	1.02	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5

Client Sample ID: SED-DUP

Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4

Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		2.11	0.806	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Carbazole	ND		2.11	0.717	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
2,6-Dinitrotoluene	ND		2.11	0.659	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
4-Nitrophenol	ND		2.11	1.92	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Atrazine	ND		2.11	0.576	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Benzaldehyde	ND		2.11	0.858	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5
Caprolactam	ND		2.11	0.538	mg/Kg	☼	06/05/25 11:02	06/06/25 21:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 150*	*06/05/25 11:02*	*06/06/25 21:24*	*5*
2-Fluorobiphenyl (Surr)	*81*		*27 - 127*	*06/05/25 11:02*	*06/06/25 21:24*	*5*
2-Fluorophenol (Surr)	*56*		*25 - 128*	*06/05/25 11:02*	*06/06/25 21:24*	*5*
Terphenyl-d14 (Surr)	*77*		*24 - 146*	*06/05/25 11:02*	*06/06/25 21:24*	*5*
Phenol-d5 (Surr)	*55*		*29 - 130*	*06/05/25 11:02*	*06/06/25 21:24*	*5*
Nitrobenzene-d5 (Surr)	*70*		*15 - 136*	*06/05/25 11:02*	*06/06/25 21:24*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.61	0.861	mg/Kg	☼		06/05/25 03:37	1
Sulfate	**11.3**	**J**	26.1	9.52	mg/Kg	☼		06/05/25 03:37	1

Method: SW846 6020B - Metals (ICPMS) – Solid Matrix

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.333**	**J**	1.13	0.113	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Arsenic	**0.911**		0.339	0.113	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Barium	**36.2**		0.565	0.0678	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Beryllium	**0.197**		0.0565	0.0169	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Cadmium	**0.127**		0.0565	0.0169	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Chromium	**7.74**		1.13	0.124	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Cobalt	**3.54**		0.0565	0.0113	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Copper	**18.0**		0.565	0.147	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Lead	**33.0**		0.226	0.0565	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Manganese	**137**		1.13	0.136	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Nickel	**10.3**		1.13	0.294	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Selenium	**0.167**	**J**	0.565	0.113	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Silver	**0.392**		0.113	0.0113	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Thallium	ND		0.113	0.0565	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Vanadium	**12.6**		0.565	0.305	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1
Zinc	**89.6**		2.26	1.13	mg/Kg	☼	06/02/25 06:06	06/02/25 15:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0127**	**J**	0.0278	0.00889	mg/Kg	☼	06/02/25 14:08	06/02/25 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.3**		0.01	0.01	%			06/03/25 14:12	1
Percent Moisture (EPA Moisture)	**23.7**		0.01	0.01	%			06/03/25 14:12	1

Client Sample Results

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

Job ID: 400-276742-1

Client Sample ID: SED-DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4
Matrix: Solid
Percent Solids: 76.3

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.28	0.411	mg/Kg	☼		06/04/25 13:19	1

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0469**		0.0239	0.0115	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Benzene	ND		0.00479	0.000642	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Bromobenzene	ND		0.00479	0.00125	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Chlorobromomethane	ND		0.00479	0.000776	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Dichlorobromomethane	ND		0.00479	0.000881	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Bromoform	ND		0.00479	0.00125	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Bromomethane	ND		0.00479	0.00239	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
2-Butanone (MEK)	ND		0.0239	0.00575	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
n-Butylbenzene	ND		0.00479	0.000919	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
sec-Butylbenzene	ND		0.00479	0.000910	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
tert-Butylbenzene	ND		0.00479	0.00105	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Carbon disulfide	ND		0.00479	0.00242	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Carbon tetrachloride	ND		0.00479	0.00163	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Chlorobenzene	ND		0.00479	0.00126	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Chloroethane	ND		0.00479	0.00316	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Chloroform	ND		0.00479	0.00130	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Chloromethane	ND		0.00479	0.00212	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
2-Chlorotoluene	ND		0.00479	0.00159	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
4-Chlorotoluene	ND		0.00479	0.000939	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Chlorodibromomethane	ND		0.00479	0.00115	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2-Dibromo-3-Chloropropane	ND		0.00479	0.00316	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Ethylene Dibromide	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Dibromomethane	ND		0.00479	0.000795	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2-Dichlorobenzene	ND		0.00479	0.00152	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,3-Dichlorobenzene	ND		0.00479	0.000910	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,4-Dichlorobenzene	ND		0.00479	0.000824	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
trans-1,4-Dichloro-2-butene	ND		0.00479	0.00239	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1-Dichloroethane	ND		0.00479	0.000795	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2-Dichloroethane	ND		0.00479	0.00176	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
cis-1,2-Dichloroethene	ND		0.00479	0.000728	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
trans-1,2-Dichloroethene	ND		0.00479	0.000919	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1-Dichloroethene	ND		0.00479	0.00201	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2-Dichloropropane	ND		0.00479	0.000728	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,3-Dichloropropane	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
2,2-Dichloropropane	ND		0.00479	0.00105	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1-Dichloropropene	ND		0.00479	0.000795	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
cis-1,3-Dichloropropene	ND		0.00479	0.00115	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
trans-1,3-Dichloropropene	ND		0.00479	0.00105	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Ethylbenzene	ND		0.00479	0.000584	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Hexachlorobutadiene	ND		0.00479	0.00239	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
2-Hexanone	ND		0.0239	0.00479	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Iodomethane	ND		0.00479	0.00326	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Isopropylbenzene	ND		0.00479	0.000651	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
4-Isopropyltoluene	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Methylene Chloride	ND		0.0144	0.00958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.0239	0.0129	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Methyl tert-butyl ether	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Naphthalene	ND		0.00479	0.00287	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
N-Propylbenzene	ND		0.00479	0.000862	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1,1,2-Tetrachloroethane	ND		0.00479	0.00105	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1,2,2-Tetrachloroethane	ND		0.00479	0.00165	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Tetrachloroethene	ND		0.00479	0.00287	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Toluene	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2,3-Trichlorobenzene	ND		0.00479	0.00105	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2,4-Trichlorobenzene	ND		0.00479	0.00193	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1,1-Trichloroethane	ND		0.00479	0.00105	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1,2-Trichloroethane	ND		0.00479	0.00154	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Trichloroethene	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Trichlorofluoromethane	ND		0.00479	0.00232	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2,3-Trichloropropane	ND		0.00479	0.00199	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00479	0.00180	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,2,4-Trimethylbenzene	ND		0.00479	0.000958	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
1,3,5-Trimethylbenzene	ND		0.00479	0.000795	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Vinyl acetate	ND		0.0239	0.00611	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Vinyl chloride	ND		0.00479	0.00209	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
o-Xylene	ND		0.00479	0.00287	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
m-Xylene & p-Xylene	ND		0.00479	0.00287	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Xylenes, Total	ND		0.00958	0.00575	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Isopropyl ether	ND	*+	0.00479	0.00132	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Hexane	ND		0.00479	0.00249	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
n-Heptane	ND		0.00479	0.00277	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1
Ethyl acetate	ND		0.0192	0.00479	mg/Kg	☼	06/06/25 08:25	06/06/25 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:48*	*1*
Dibromofluoromethane	*108*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:48*	*1*
Toluene-d8 (Surr)	*98*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*50 - 150*	*06/06/25 08:25*	*06/06/25 17:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.0430**	**B**	0.00718	0.00718	mg/Kg	☼	06/06/25 11:43	06/10/25 14:40	5
1,4-Dioxane	ND	H	0.00737	0.00737	mg/Kg	☼	06/12/25 11:56	06/17/25 14:11	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*66*		*10 - 150*	*06/06/25 11:43*	*06/10/25 14:40*	*5*
1,4-Dioxane-d8	*65*		*10 - 150*	*06/12/25 11:56*	*06/17/25 14:11*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.04	0.513	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,4,5-Trichlorophenol	ND		2.04	0.624	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,4,6-Trichlorophenol	ND		2.04	0.649	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,4-Dichlorophenol	ND		2.04	0.433	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,4-Dimethylphenol	ND		2.04	0.581	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,4-Dinitrophenol	ND		6.12	1.79	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,4-Dinitrotoluene	ND		2.04	0.624	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2-Chlorophenol	ND		2.04	0.748	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2-Chloronaphthalene	ND		2.04	0.476	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		2.04	0.674	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2-Methylphenol	ND		2.04	0.494	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2-Nitroaniline	ND		2.04	0.433	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2-Nitrophenol	ND		2.04	0.729	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
3 & 4 Methylphenol	ND		4.08	0.476	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
3,3'-Dichlorobenzidine	ND		2.04	0.680	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
3-Nitroaniline	ND	*+	2.04	0.482	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4,6-Dinitro-2-methylphenol	ND		2.04	1.48	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4-Bromophenyl phenyl ether	ND		2.04	0.649	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4-Chloro-3-methylphenol	ND		2.04	0.501	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4-Chloroaniline	ND		2.04	0.501	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4-Chlorophenyl phenyl ether	ND		2.04	0.204	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4-Nitroaniline	ND		2.04	0.698	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Acenaphthene	ND		2.04	0.501	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Acenaphthylene	ND		2.04	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Acetophenone	ND		2.04	0.581	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Anthracene	ND		2.04	0.482	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Benzo[a]anthracene	ND		2.04	0.544	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Benzo[a]pyrene	ND		2.04	0.290	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Benzo[b]fluoranthene	ND		2.04	0.612	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Benzo[g,h,i]perylene	ND		2.04	0.680	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Benzo[k]fluoranthene	ND		2.04	0.482	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Bis(2-chloroethoxy)methane	ND		2.04	0.451	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Bis(2-chloroethyl)ether	ND		2.04	0.667	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Bis(2-ethylhexyl) phthalate	ND		2.04	0.501	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Chrysene	ND		2.04	0.655	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Dibenz(a,h)anthracene	ND		2.04	0.785	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Dibenzofuran	ND		2.04	0.513	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Di-n-butyl phthalate	ND		2.04	0.599	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Diethyl phthalate	ND		2.04	0.655	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Dimethyl phthalate	ND		2.04	0.550	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Di-n-octyl phthalate	ND		2.04	0.742	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Fluoranthene	**0.763**	**J**	2.04	0.451	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Fluorene	ND		2.04	0.556	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Hexachlorobenzene	ND		2.04	0.618	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Hexachlorobutadiene	ND		2.04	0.859	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Hexachlorocyclopentadiene	ND		2.04	0.408	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Hexachloroethane	ND		2.04	0.939	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Indeno[1,2,3-cd]pyrene	ND		2.04	0.822	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Isophorone	ND		2.04	0.414	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Naphthalene	ND		2.04	0.550	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Nitrobenzene	ND		2.04	0.606	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
N-Nitrosodiphenylamine	ND		2.04	0.519	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
N-Nitrosodi-n-propylamine	ND		2.04	0.649	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Pentachlorophenol	ND		4.08	0.989	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Phenanthrene	ND		2.04	0.501	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Phenol	ND		2.04	0.550	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Pyrene	**0.489**	**J**	2.04	0.482	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Butyl benzyl phthalate	ND		2.04	0.989	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		2.04	0.779	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Carbazole	ND		2.04	0.692	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
2,6-Dinitrotoluene	ND		2.04	0.637	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
4-Nitrophenol	ND		2.04	1.85	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Atrazine	ND		2.04	0.556	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Benzaldehyde	ND		2.04	0.828	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5
Caprolactam	ND		2.04	0.519	mg/Kg	☼	06/05/25 11:02	06/06/25 21:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 150*	*06/05/25 11:02*	*06/06/25 21:52*	*5*
2-Fluorobiphenyl (Surr)	*82*		*27 - 127*	*06/05/25 11:02*	*06/06/25 21:52*	*5*
2-Fluorophenol (Surr)	*55*		*25 - 128*	*06/05/25 11:02*	*06/06/25 21:52*	*5*
Terphenyl-d14 (Surr)	*86*		*24 - 146*	*06/05/25 11:02*	*06/06/25 21:52*	*5*
Phenol-d5 (Surr)	*55*		*29 - 130*	*06/05/25 11:02*	*06/06/25 21:52*	*5*
Nitrobenzene-d5 (Surr)	*66*		*15 - 136*	*06/05/25 11:02*	*06/06/25 21:52*	*5*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.45	0.807	mg/Kg	☼		06/05/25 03:45	1
Sulfate	**11.5**	**J**	24.5	8.93	mg/Kg	☼		06/05/25 03:45	1

Method: SW846 6020B - Metals (ICPMS) – Solid Matrix

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.185**	**J**	1.05	0.105	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Arsenic	**0.464**		0.315	0.105	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Barium	**19.5**		0.524	0.0629	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Beryllium	**0.130**		0.0524	0.0157	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Cadmium	**0.136**		0.0524	0.0157	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Chromium	**3.98**		1.05	0.115	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Cobalt	**2.65**		0.0524	0.0105	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Copper	**9.12**		0.524	0.136	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Lead	**19.2**		0.210	0.0524	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Manganese	**77.7**		1.05	0.126	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Nickel	**7.96**		1.05	0.273	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Selenium	**0.121**	**J**	0.524	0.105	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Silver	**0.0189**	**J**	0.105	0.0105	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Thallium	ND		0.105	0.0524	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Vanadium	**7.28**		0.524	0.283	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1
Zinc	**53.8**		2.10	1.05	mg/Kg	☼	06/02/25 06:06	06/02/25 15:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0281	0.00900	mg/Kg	☼	06/02/25 14:08	06/02/25 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**80.8**		0.01	0.01	%			06/03/25 14:12	1
Percent Moisture (EPA Moisture)	**19.2**		0.01	0.01	%			06/03/25 14:12	1

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

Job ID: 400-276742-1

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid
Percent Solids: 80.8

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	☼		06/04/25 13:21	1

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

Job ID: 400-276742-1

Client Sample ID: Trip Blank

Date Collected: 05/28/25 00:00
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-6

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			06/05/25 17:39	1
Benzene	ND		1.00	0.500	ug/L			06/05/25 17:39	1
Bromobenzene	ND		1.00	0.540	ug/L			06/05/25 17:39	1
Bromoform	ND		5.00	0.250	ug/L			06/05/25 17:39	1
Bromomethane	ND		1.00	0.980	ug/L			06/05/25 17:39	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/05/25 17:39	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/05/25 17:39	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/05/25 17:39	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/05/25 17:39	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/05/25 17:39	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/05/25 17:39	1
Chloroethane	ND		1.00	0.760	ug/L			06/05/25 17:39	1
Chloroform	ND		1.00	0.900	ug/L			06/05/25 17:39	1
Chloromethane	ND		1.00	0.400	ug/L			06/05/25 17:39	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/05/25 17:39	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/05/25 17:39	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/05/25 17:39	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/05/25 17:39	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/05/25 17:39	1
Dibromomethane	ND		5.00	0.220	ug/L			06/05/25 17:39	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/05/25 17:39	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/05/25 17:39	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/05/25 17:39	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/05/25 17:39	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/05/25 17:39	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/05/25 17:39	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/05/25 17:39	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/05/25 17:39	1
Hexane	ND		1.00	0.960	ug/L			06/05/25 17:39	1
2-Hexanone	ND		25.0	4.26	ug/L			06/05/25 17:39	1
Iodomethane	ND		1.00	0.900	ug/L			06/05/25 17:39	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/05/25 17:39	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/05/25 17:39	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/05/25 17:39	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/05/25 17:39	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/05/25 17:39	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/05/25 17:39	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/05/25 17:39	1
Naphthalene	ND		5.00	3.00	ug/L			06/05/25 17:39	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/05/25 17:39	1
n-Heptane	ND		1.00	0.210	ug/L			06/05/25 17:39	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/05/25 17:39	1

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

Job ID: 400-276742-1

Client Sample ID: Trip Blank
Date Collected: 05/28/25 00:00
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-6
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			06/05/25 17:39	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/05/25 17:39	1
Styrene	ND		1.00	1.00	ug/L			06/05/25 17:39	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/05/25 17:39	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/05/25 17:39	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/05/25 17:39	1
Toluene	ND		1.00	0.900	ug/L			06/05/25 17:39	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/05/25 17:39	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 17:39	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/05/25 17:39	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/05/25 17:39	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/05/25 17:39	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/05/25 17:39	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/05/25 17:39	1
Trichloroethene	ND		1.00	0.150	ug/L			06/05/25 17:39	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/05/25 17:39	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/05/25 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/05/25 17:39	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/05/25 17:39	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/05/25 17:39	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/05/25 17:39	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/05/25 17:39	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/05/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*56 - 136*		*06/05/25 17:39*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*06/05/25 17:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*06/05/25 17:39*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*06/05/25 17:39*	*1*

Qualifiers

GC/MS 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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified 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.

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
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

Surrogate Summary

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

Job ID: 400-276742-1

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)
400-276742-1	SED-1	110	104	102	124
400-276742-2	SED-2	107	108	98	125
400-276742-3	SED-6	116	105	103	126
400-276742-4	SED-DUP	106	106	98	123
400-276742-5	SED-5	105	108	98	125
LCS 400-711829/2-A	Lab Control Sample	105	103	100	111
LCSD 400-711829/3-A	Lab Control Sample Dup	106	102	99	113
MB 400-711829/1-A	Method Blank	105	105	98	119

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)
400-276742-6	Trip Blank	93	103	102	93
LCS 400-711613/1002	Lab Control Sample	99	104	105	96
MB 400-711613/5	Method Blank	92	102	100	94

Surrogate Legend

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

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	TPHL	PHL	NBZ
Lab Sample ID	Client Sample ID	(10-150)	(27-127)	(25-128)	(24-146)	(29-130)	(15-136)
400-276742-1	SED-1	95	71	53	81	53	61
400-276742-2	SED-2	81	64	48	65	45	54
400-276742-3	SED-6	91	69	49	70	48	59
400-276742-4	SED-DUP	104	81	56	77	55	70
400-276742-5	SED-5	106	82	55	86	55	66
LCS 400-711662/2-A	Lab Control Sample	98	63	49	72	52	64
MB 400-711662/1-A	Method Blank	103	88	54	84	61	74

Surrogate Legend

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

GC/MS VOA

Analysis Batch: 711613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-6	Trip Blank	Total/NA	Water	8260D	
MB 400-711613/5	Method Blank	Total/NA	Water	8260D	
LCS 400-711613/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 711786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	8260D	711829
400-276742-2	SED-2	Total/NA	Solid	8260D	711829
400-276742-3	SED-6	Total/NA	Solid	8260D	711829
400-276742-4	SED-DUP	Total/NA	Solid	8260D	711829
400-276742-5	SED-5	Total/NA	Solid	8260D	711829
MB 400-711829/1-A	Method Blank	Total/NA	Solid	8260D	711829
LCS 400-711829/2-A	Lab Control Sample	Total/NA	Solid	8260D	711829
LCSD 400-711829/3-A	Lab Control Sample Dup	Total/NA	Solid	8260D	711829

Prep Batch: 711829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	5035	
400-276742-2	SED-2	Total/NA	Solid	5035	
400-276742-3	SED-6	Total/NA	Solid	5035	
400-276742-4	SED-DUP	Total/NA	Solid	5035	
400-276742-5	SED-5	Total/NA	Solid	5035	
MB 400-711829/1-A	Method Blank	Total/NA	Solid	5035	
LCS 400-711829/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-711829/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 711662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	3546	
400-276742-2	SED-2	Total/NA	Solid	3546	
400-276742-3	SED-6	Total/NA	Solid	3546	
400-276742-4	SED-DUP	Total/NA	Solid	3546	
400-276742-5	SED-5	Total/NA	Solid	3546	
MB 400-711662/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-711662/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 711850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	3546	
400-276742-2	SED-2	Total/NA	Solid	3546	
400-276742-3	SED-6	Total/NA	Solid	3546	
400-276742-4	SED-DUP	Total/NA	Solid	3546	
400-276742-5	SED-5	Total/NA	Solid	3546	
MB 400-711850/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-711850/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 711868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	8270E	711662

GC/MS Semi VOA (Continued)

Analysis Batch: 711868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-2	SED-2	Total/NA	Solid	8270E	711662
400-276742-3	SED-6	Total/NA	Solid	8270E	711662
400-276742-4	SED-DUP	Total/NA	Solid	8270E	711662
400-276742-5	SED-5	Total/NA	Solid	8270E	711662
MB 400-711662/1-A	Method Blank	Total/NA	Solid	8270E	711662
LCS 400-711662/2-A	Lab Control Sample	Total/NA	Solid	8270E	711662

Analysis Batch: 712156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	8270E SIM ID	711850
400-276742-2	SED-2	Total/NA	Solid	8270E SIM ID	711850
400-276742-3	SED-6	Total/NA	Solid	8270E SIM ID	711850
400-276742-4	SED-DUP	Total/NA	Solid	8270E SIM ID	711850
400-276742-5	SED-5	Total/NA	Solid	8270E SIM ID	711850
MB 400-711850/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	711850
LCS 400-711850/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	711850

Prep Batch: 712542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	3546	
400-276742-2	SED-2	Total/NA	Solid	3546	
400-276742-4	SED-DUP	Total/NA	Solid	3546	
400-276742-5	SED-5	Total/NA	Solid	3546	
MB 400-712542/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-712542/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 712788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	8270E SIM ID	712542
MB 400-712542/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	712542
LCS 400-712542/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	712542

Analysis Batch: 713008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-2	SED-2	Total/NA	Solid	8270E SIM ID	712542
400-276742-4	SED-DUP	Total/NA	Solid	8270E SIM ID	712542
400-276742-5	SED-5	Total/NA	Solid	8270E SIM ID	712542

HPLC/IC

Leach Batch: 711483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Soluble	Solid	DI Leach	
400-276742-2	SED-2	Soluble	Solid	DI Leach	
400-276742-3	SED-6	Soluble	Solid	DI Leach	
400-276742-4	SED-DUP	Soluble	Solid	DI Leach	
400-276742-5	SED-5	Soluble	Solid	DI Leach	
MB 400-711483/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-711483/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

HPLC/IC

Analysis Batch: 711595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Soluble	Solid	9056A	711483
400-276742-2	SED-2	Soluble	Solid	9056A	711483
400-276742-3	SED-6	Soluble	Solid	9056A	711483
400-276742-4	SED-DUP	Soluble	Solid	9056A	711483
400-276742-5	SED-5	Soluble	Solid	9056A	711483
MB 400-711483/1-A	Method Blank	Soluble	Solid	9056A	711483
LCS 400-711483/2-A	Lab Control Sample	Soluble	Solid	9056A	711483

Analysis Batch: 711597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Soluble	Solid	9056A	711483
400-276742-2	SED-2	Soluble	Solid	9056A	711483
400-276742-3	SED-6	Soluble	Solid	9056A	711483
400-276742-4	SED-DUP	Soluble	Solid	9056A	711483
400-276742-5	SED-5	Soluble	Solid	9056A	711483
MB 400-711483/1-A	Method Blank	Soluble	Solid	9056A	711483
LCS 400-711483/2-A	Lab Control Sample	Soluble	Solid	9056A	711483

Metals

Prep Batch: 883068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	3050B	
400-276742-2	SED-2	Total/NA	Solid	3050B	
400-276742-3	SED-6	Total/NA	Solid	3050B	
400-276742-4	SED-DUP	Total/NA	Solid	3050B	
400-276742-5	SED-5	Total/NA	Solid	3050B	
MB 680-883068/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 680-883068/2-A	Lab Control Sample	Total/NA	Solid	3050B	
400-276742-1 MS	SED-1	Total/NA	Solid	3050B	
400-276742-1 MSD	SED-1	Total/NA	Solid	3050B	

Prep Batch: 883096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	7471B	
400-276742-2	SED-2	Total/NA	Solid	7471B	
400-276742-3	SED-6	Total/NA	Solid	7471B	
400-276742-4	SED-DUP	Total/NA	Solid	7471B	
400-276742-5	SED-5	Total/NA	Solid	7471B	
MB 680-883096/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 680-883096/13-A	Lab Control Sample	Total/NA	Solid	7471B	
400-276742-3 MS	SED-6	Total/NA	Solid	7471B	
400-276742-3 MSD	SED-6	Total/NA	Solid	7471B	

Analysis Batch: 883106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	6020B	883068
400-276742-2	SED-2	Total/NA	Solid	6020B	883068
400-276742-3	SED-6	Total/NA	Solid	6020B	883068
400-276742-4	SED-DUP	Total/NA	Solid	6020B	883068
400-276742-5	SED-5	Total/NA	Solid	6020B	883068

Metals (Continued)

Analysis Batch: 883106 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-883068/1-A	Method Blank	Total/NA	Solid	6020B	883068
LCS 680-883068/2-A	Lab Control Sample	Total/NA	Solid	6020B	883068
400-276742-1 MS	SED-1	Total/NA	Solid	6020B	883068
400-276742-1 MSD	SED-1	Total/NA	Solid	6020B	883068

Analysis Batch: 883116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	7471B	883096
400-276742-2	SED-2	Total/NA	Solid	7471B	883096
400-276742-3	SED-6	Total/NA	Solid	7471B	883096
400-276742-4	SED-DUP	Total/NA	Solid	7471B	883096
400-276742-5	SED-5	Total/NA	Solid	7471B	883096
MB 680-883096/12-A	Method Blank	Total/NA	Solid	7471B	883096
LCS 680-883096/13-A	Lab Control Sample	Total/NA	Solid	7471B	883096
400-276742-3 MS	SED-6	Total/NA	Solid	7471B	883096
400-276742-3 MSD	SED-6	Total/NA	Solid	7471B	883096

General Chemistry

Analysis Batch: 711397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Total/NA	Solid	Moisture	
400-276742-2	SED-2	Total/NA	Solid	Moisture	
400-276742-3	SED-6	Total/NA	Solid	Moisture	
400-276742-4	SED-DUP	Total/NA	Solid	Moisture	
400-276742-5	SED-5	Total/NA	Solid	Moisture	
400-276742-1 DU	SED-1	Total/NA	Solid	Moisture	

Leach Batch: 711495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Soluble	Solid	DI Leach	
400-276742-2	SED-2	Soluble	Solid	DI Leach	
400-276742-3	SED-6	Soluble	Solid	DI Leach	
400-276742-4	SED-DUP	Soluble	Solid	DI Leach	
400-276742-5	SED-5	Soluble	Solid	DI Leach	
MB 400-711495/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-711495/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
400-276742-1 MS	SED-1	Soluble	Solid	DI Leach	
400-276742-1 MSD	SED-1	Soluble	Solid	DI Leach	

Analysis Batch: 711559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1	SED-1	Soluble	Solid	350.1	711495
400-276742-2	SED-2	Soluble	Solid	350.1	711495
400-276742-3	SED-6	Soluble	Solid	350.1	711495
400-276742-4	SED-DUP	Soluble	Solid	350.1	711495
400-276742-5	SED-5	Soluble	Solid	350.1	711495
MB 400-711495/1-A	Method Blank	Soluble	Solid	350.1	711495
LCS 400-711495/2-A	Lab Control Sample	Soluble	Solid	350.1	711495
MRL 400-711559/19	Lab Control Sample	Total/NA	Solid	350.1	
400-276742-1 MS	SED-1	Soluble	Solid	350.1	711495

General Chemistry (Continued)

Analysis Batch: 711559 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276742-1 MSD	SED-1	Soluble	Solid	350.1	711495

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

Lab Sample ID: MB 400-711613/5
Matrix: Water
Analysis Batch: 711613

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			06/05/25 08:14	1
Benzene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Bromobenzene	ND		1.00	0.540	ug/L			06/05/25 08:14	1
Bromoform	ND		5.00	0.250	ug/L			06/05/25 08:14	1
Bromomethane	ND		1.00	0.980	ug/L			06/05/25 08:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			06/05/25 08:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			06/05/25 08:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Carbon tetrachloride	ND		1.00	0.190	ug/L			06/05/25 08:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			06/05/25 08:14	1
Chloroethane	ND		1.00	0.760	ug/L			06/05/25 08:14	1
Chloroform	ND		1.00	0.900	ug/L			06/05/25 08:14	1
Chloromethane	ND		1.00	0.400	ug/L			06/05/25 08:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			06/05/25 08:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			06/05/25 08:14	1
Chlorodibromomethane	ND		1.00	0.240	ug/L			06/05/25 08:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			06/05/25 08:14	1
Dibromomethane	ND		5.00	0.220	ug/L			06/05/25 08:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			06/05/25 08:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			06/05/25 08:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			06/05/25 08:14	1
cis-1,2-Dichloroethene	ND		1.00	0.200	ug/L			06/05/25 08:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,1-Dichloropropene	ND		1.00	0.0900	ug/L			06/05/25 08:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			06/05/25 08:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			06/05/25 08:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			06/05/25 08:14	1
2-Hexanone	ND		25.0	4.26	ug/L			06/05/25 08:14	1
Iodomethane	ND		1.00	0.900	ug/L			06/05/25 08:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			06/05/25 08:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			06/05/25 08:14	1
Methylene Chloride	ND		5.00	3.00	ug/L			06/05/25 08:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			06/05/25 08:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			06/05/25 08:14	1
Naphthalene	ND		5.00	3.00	ug/L			06/05/25 08:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			06/05/25 08:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			06/05/25 08:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			06/05/25 08:14	1
Styrene	ND		1.00	1.00	ug/L			06/05/25 08:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			06/05/25 08:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			06/05/25 08:14	1

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

Lab Sample ID: MB 400-711613/5
Matrix: Water
Analysis Batch: 711613

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			06/05/25 08:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			06/05/25 08:14	1
Toluene	ND		1.00	0.900	ug/L			06/05/25 08:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			06/05/25 08:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			06/05/25 08:14	1
trans-1,3-Dichloropropene	ND		5.00	0.200	ug/L			06/05/25 08:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			06/05/25 08:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			06/05/25 08:14	1
1,1,1-Trichloroethane	ND		1.00	0.180	ug/L			06/05/25 08:14	1
1,1,2-Trichloroethane	ND		5.00	0.210	ug/L			06/05/25 08:14	1
o-Xylene	ND		5.00	3.00	ug/L			06/05/25 08:14	1
Trichloroethene	ND		1.00	0.150	ug/L			06/05/25 08:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			06/05/25 08:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			06/05/25 08:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			06/05/25 08:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			06/05/25 08:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			06/05/25 08:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			06/05/25 08:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			06/05/25 08:14	1
Hexane	ND		1.00	0.960	ug/L			06/05/25 08:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			06/05/25 08:14	1
n-Heptane	ND		1.00	0.210	ug/L			06/05/25 08:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			06/05/25 08:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			06/05/25 08:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			06/05/25 08:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*56 - 136*		*06/05/25 08:14*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*06/05/25 08:14*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*06/05/25 08:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 146*		*06/05/25 08:14*	*1*

Lab Sample ID: LCS 400-711613/1002
Matrix: Water
Analysis Batch: 711613

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	232.4		ug/L		116	43 - 150
Benzene	50.0	52.83		ug/L		106	70 - 130
Bromobenzene	50.0	46.63		ug/L		93	70 - 132
Bromoform	50.0	43.53		ug/L		87	57 - 140
Bromomethane	50.0	45.16		ug/L		90	10 - 150
2-Butanone (MEK)	200	232.2		ug/L		116	61 - 145
Chlorobromomethane	50.0	54.43		ug/L		109	70 - 130
Carbon disulfide	50.0	48.39		ug/L		97	61 - 137
Carbon tetrachloride	50.0	54.91		ug/L		110	61 - 137
Chlorobenzene	50.0	48.92		ug/L		98	70 - 130
Chloroethane	50.0	51.88		ug/L		104	55 - 141

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

Lab Sample ID: LCS 400-711613/1002
Matrix: Water
Analysis Batch: 711613

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	53.78		ug/L		108	69 - 130
Chloromethane	50.0	49.79		ug/L		100	58 - 137
2-Chlorotoluene	50.0	45.62		ug/L		91	70 - 130
4-Chlorotoluene	50.0	46.30		ug/L		93	70 - 130
Chlorodibromomethane	50.0	49.14		ug/L		98	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	41.27		ug/L		83	54 - 135
Dibromomethane	50.0	54.10		ug/L		108	70 - 130
1,2-Dichlorobenzene	50.0	46.74		ug/L		93	67 - 130
1,3-Dichlorobenzene	50.0	46.13		ug/L		92	70 - 130
Dichlorobromomethane	50.0	54.49		ug/L		109	67 - 133
1,4-Dichlorobenzene	50.0	46.48		ug/L		93	70 - 130
1,1-Dichloroethane	50.0	54.37		ug/L		109	70 - 130
1,2-Dichloroethane	50.0	54.78		ug/L		110	69 - 130
cis-1,2-Dichloroethene	50.0	54.83		ug/L		110	68 - 130
1,1-Dichloroethene	50.0	52.57		ug/L		105	63 - 134
1,2-Dichloropropane	50.0	52.69		ug/L		105	70 - 130
1,3-Dichloropropane	50.0	47.62		ug/L		95	70 - 130
2,2-Dichloropropane	50.0	51.17		ug/L		102	52 - 135
1,1-Dichloropropene	50.0	51.50		ug/L		103	70 - 130
Ethylene Dibromide	50.0	46.81		ug/L		94	70 - 130
cis-1,3-Dichloropropene	50.0	53.58		ug/L		107	69 - 132
Ethylbenzene	50.0	46.76		ug/L		94	70 - 130
Hexachlorobutadiene	50.0	41.08		ug/L		82	53 - 140
2-Hexanone	200	193.3		ug/L		97	65 - 137
Iodomethane	50.0	45.46		ug/L		91	27 - 150
Isopropylbenzene	50.0	45.42		ug/L		91	70 - 130
4-Isopropyltoluene	50.0	42.89		ug/L		86	65 - 130
Methylene Chloride	50.0	51.21		ug/L		102	66 - 135
4-Methyl-2-pentanone (MIBK)	200	210.6		ug/L		105	69 - 138
Methyl tert-butyl ether	50.0	52.32		ug/L		105	66 - 130
Naphthalene	50.0	45.07		ug/L		90	47 - 149
n-Butylbenzene	50.0	42.93		ug/L		86	67 - 130
N-Propylbenzene	50.0	45.38		ug/L		91	70 - 130
sec-Butylbenzene	50.0	44.44		ug/L		89	66 - 130
Styrene	50.0	45.66		ug/L		91	70 - 130
tert-Butylbenzene	50.0	43.07		ug/L		86	64 - 139
1,1,1,2-Tetrachloroethane	50.0	51.01		ug/L		102	67 - 131
1,1,2,2-Tetrachloroethane	50.0	45.46		ug/L		91	70 - 131
Tetrachloroethene	50.0	46.65		ug/L		93	65 - 130
Toluene	50.0	46.86		ug/L		94	70 - 130
trans-1,4-Dichloro-2-butene	50.0	40.55		ug/L		81	57 - 140
trans-1,2-Dichloroethene	50.0	52.63		ug/L		105	70 - 130
trans-1,3-Dichloropropene	50.0	48.29		ug/L		97	63 - 130
1,2,3-Trichlorobenzene	50.0	46.66		ug/L		93	60 - 138
1,2,4-Trichlorobenzene	50.0	46.91		ug/L		94	60 - 140
1,1,1-Trichloroethane	50.0	54.11		ug/L		108	68 - 130
1,1,2-Trichloroethane	50.0	50.12		ug/L		100	70 - 130
o-Xylene	50.0	47.18		ug/L		94	70 - 130
Trichloroethene	50.0	52.87		ug/L		106	70 - 130

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

Lab Sample ID: LCS 400-711613/1002
Matrix: Water
Analysis Batch: 711613

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	45.99		ug/L		92	70 - 130
Trichlorofluoromethane	50.0	52.38		ug/L		105	65 - 138
1,2,3-Trichloropropane	50.0	45.39		ug/L		91	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.52		ug/L		107	60 - 139
1,2,4-Trimethylbenzene	50.0	42.99		ug/L		86	70 - 130
1,3,5-Trimethylbenzene	50.0	44.55		ug/L		89	69 - 130
Isopropyl ether	50.0	58.06		ug/L		116	64 - 132
Hexane	50.0	52.82		ug/L		106	69 - 130
Vinyl acetate	100	105.7		ug/L		106	26 - 150
n-Heptane	50.0	48.61		ug/L		97	70 - 130
Vinyl chloride	50.0	57.13		ug/L		114	59 - 136
Ethyl acetate	100	86.88		ug/L		87	34 - 150
Xylenes, Total	100	93.17		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
Toluene-d8 (Surr)	*96*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*

Lab Sample ID: MB 400-711829/1-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Benzene	ND		0.00500	0.000670	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Bromoform	ND		0.00500	0.00130	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chloroform	ND		0.00500	0.00136	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1

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

Lab Sample ID: MB 400-711829/1-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Styrene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Toluene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Hexane	ND		0.00500	0.00260	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		06/06/25 08:25	06/06/25 09:42	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		06/06/25 08:25	06/06/25 09:42	1

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

Lab Sample ID: MB 400-711829/1-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		06/06/25 08:25	06/06/25 09:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*
Dibromofluoromethane	*105*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*
Toluene-d8 (Surr)	*98*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*50 - 150*	*06/06/25 08:25*	*06/06/25 09:42*	*1*

Lab Sample ID: LCS 400-711829/2-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2496		mg/Kg		125	48 - 150
Benzene	0.0500	0.04345		mg/Kg		87	65 - 130
Bromobenzene	0.0500	0.04419		mg/Kg		88	65 - 130
Bromoform	0.0500	0.04610		mg/Kg		92	52 - 136
Bromomethane	0.0500	0.03337		mg/Kg		67	12 - 150
2-Butanone (MEK)	0.200	0.2026		mg/Kg		101	55 - 130
Chlorobromomethane	0.0500	0.04284		mg/Kg		86	65 - 130
Carbon disulfide	0.0500	0.03553		mg/Kg		71	46 - 141
Carbon tetrachloride	0.0500	0.04315		mg/Kg		86	60 - 130
Chlorobenzene	0.0500	0.04398		mg/Kg		88	70 - 130
Chloroethane	0.0500	0.05182		mg/Kg		104	55 - 134
Chloroform	0.0500	0.04592		mg/Kg		92	62 - 130
Chloromethane	0.0500	0.04877		mg/Kg		98	49 - 136
2-Chlorotoluene	0.0500	0.04703		mg/Kg		94	67 - 130
4-Chlorotoluene	0.0500	0.04530		mg/Kg		91	66 - 130
Chlorodibromomethane	0.0500	0.04715		mg/Kg		94	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04196		mg/Kg		84	49 - 130
Dibromomethane	0.0500	0.04782		mg/Kg		96	65 - 130
1,2-Dichlorobenzene	0.0500	0.04461		mg/Kg		89	64 - 130
1,3-Dichlorobenzene	0.0500	0.04375		mg/Kg		88	66 - 130
Dichlorobromomethane	0.0500	0.04685		mg/Kg		94	61 - 130
1,4-Dichlorobenzene	0.0500	0.04371		mg/Kg		87	65 - 130
1,1-Dichloroethane	0.0500	0.04720		mg/Kg		94	59 - 130
1,2-Dichloroethane	0.0500	0.04936		mg/Kg		99	62 - 130
cis-1,2-Dichloroethene	0.0500	0.04985		mg/Kg		100	53 - 135
1,1-Dichloroethene	0.0500	0.04006		mg/Kg		80	55 - 137
1,2-Dichloropropane	0.0500	0.04996		mg/Kg		100	64 - 130
1,3-Dichloropropane	0.0500	0.04858		mg/Kg		97	67 - 130
2,2-Dichloropropane	0.0500	0.04384		mg/Kg		88	51 - 132
1,1-Dichloropropene	0.0500	0.04251		mg/Kg		85	65 - 130
Ethylene Dibromide	0.0500	0.04749		mg/Kg		95	67 - 130
cis-1,3-Dichloropropene	0.0500	0.04795		mg/Kg		96	61 - 130
Ethylbenzene	0.0500	0.04327		mg/Kg		87	70 - 130
Hexachlorobutadiene	0.0500	0.04143		mg/Kg		83	62 - 133
2-Hexanone	0.200	0.2356		mg/Kg		118	57 - 131

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

Lab Sample ID: LCS 400-711829/2-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	0.0500	0.04107		mg/Kg		82	12 - 150
Isopropylbenzene	0.0500	0.04310		mg/Kg		86	70 - 130
4-Isopropyltoluene	0.0500	0.04410		mg/Kg		88	68 - 130
Methylene Chloride	0.0500	0.04270		mg/Kg		85	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.2294		mg/Kg		115	58 - 130
Methyl tert-butyl ether	0.0500	0.04705		mg/Kg		94	63 - 130
Naphthalene	0.0500	0.04581		mg/Kg		92	45 - 144
n-Butylbenzene	0.0500	0.04895		mg/Kg		98	66 - 130
N-Propylbenzene	0.0500	0.04462		mg/Kg		89	67 - 130
sec-Butylbenzene	0.0500	0.04424		mg/Kg		88	67 - 130
Styrene	0.0500	0.04435		mg/Kg		89	68 - 130
tert-Butylbenzene	0.0500	0.04495		mg/Kg		90	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04613		mg/Kg		92	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04603		mg/Kg		92	60 - 131
Tetrachloroethene	0.0500	0.04028		mg/Kg		81	67 - 130
Toluene	0.0500	0.04236		mg/Kg		85	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04978		mg/Kg		100	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04159		mg/Kg		83	58 - 134
trans-1,3-Dichloropropene	0.0500	0.04932		mg/Kg		99	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.04508		mg/Kg		90	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.04370		mg/Kg		87	56 - 138
1,1,1-Trichloroethane	0.0500	0.04315		mg/Kg		86	63 - 130
1,1,2-Trichloroethane	0.0500	0.05021		mg/Kg		100	65 - 130
o-Xylene	0.0500	0.04398		mg/Kg		88	70 - 130
Trichloroethene	0.0500	0.04225		mg/Kg		84	65 - 130
m-Xylene & p-Xylene	0.0500	0.04401		mg/Kg		88	70 - 130
Trichlorofluoromethane	0.0500	0.04707		mg/Kg		94	61 - 136
1,2,3-Trichloropropane	0.0500	0.04455		mg/Kg		89	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.03878		mg/Kg		78	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04517		mg/Kg		90	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04418		mg/Kg		88	67 - 130
Isopropyl ether	0.0500	0.07193	*+	mg/Kg		144	62 - 130
Hexane	0.0500	0.04001		mg/Kg		80	57 - 132
Vinyl acetate	0.100	0.1143		mg/Kg		114	24 - 150
n-Heptane	0.0500	0.04560		mg/Kg		91	61 - 130
Vinyl chloride	0.0500	0.05382		mg/Kg		108	52 - 132
Ethyl acetate	0.100	0.09318		mg/Kg		93	21 - 150
Xylenes, Total	0.100	0.08799		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*50 - 150*
Dibromofluoromethane	*103*		*50 - 150*
Toluene-d8 (Surr)	*100*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*

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

Lab Sample ID: LCSD 400-711829/3-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.200	0.2576		mg/Kg		129	48 - 150	3	30
Benzene			0.0500	0.04384		mg/Kg		88	65 - 130	1	30
Bromobenzene			0.0500	0.04366		mg/Kg		87	65 - 130	1	30
Bromoform			0.0500	0.04506		mg/Kg		90	52 - 136	2	30
Bromomethane			0.0500	0.02946		mg/Kg		59	12 - 150	12	30
2-Butanone (MEK)			0.200	0.2119		mg/Kg		106	55 - 130	4	30
Chlorobromomethane			0.0500	0.04377		mg/Kg		88	65 - 130	2	30
Carbon disulfide			0.0500	0.03471		mg/Kg		69	46 - 141	2	30
Carbon tetrachloride			0.0500	0.04101		mg/Kg		82	60 - 130	5	30
Chlorobenzene			0.0500	0.04384		mg/Kg		88	70 - 130	0	30
Chloroethane			0.0500	0.04394		mg/Kg		88	55 - 134	16	30
Chloroform			0.0500	0.04478		mg/Kg		90	62 - 130	2	30
Chloromethane			0.0500	0.04304		mg/Kg		86	49 - 136	12	30
2-Chlorotoluene			0.0500	0.04567		mg/Kg		91	67 - 130	3	30
4-Chlorotoluene			0.0500	0.04502		mg/Kg		90	66 - 130	1	30
Chlorodibromomethane			0.0500	0.04683		mg/Kg		94	58 - 132	1	30
1,2-Dibromo-3-Chloropropane			0.0500	0.04496		mg/Kg		90	49 - 130	7	30
Dibromomethane			0.0500	0.04748		mg/Kg		95	65 - 130	1	30
1,2-Dichlorobenzene			0.0500	0.04505		mg/Kg		90	64 - 130	1	30
1,3-Dichlorobenzene			0.0500	0.04360		mg/Kg		87	66 - 130	0	30
Dichlorobromomethane			0.0500	0.04666		mg/Kg		93	61 - 130	0	30
1,4-Dichlorobenzene			0.0500	0.04413		mg/Kg		88	65 - 130	1	30
1,1-Dichloroethane			0.0500	0.04597		mg/Kg		92	59 - 130	3	30
1,2-Dichloroethane			0.0500	0.04908		mg/Kg		98	62 - 130	1	30
cis-1,2-Dichloroethene			0.0500	0.05628		mg/Kg		113	53 - 135	12	30
1,1-Dichloroethene			0.0500	0.03723		mg/Kg		74	55 - 137	7	30
1,2-Dichloropropane			0.0500	0.05005		mg/Kg		100	64 - 130	0	30
1,3-Dichloropropane			0.0500	0.04990		mg/Kg		100	67 - 130	3	30
2,2-Dichloropropane			0.0500	0.04071		mg/Kg		81	51 - 132	7	30
1,1-Dichloropropene			0.0500	0.04131		mg/Kg		83	65 - 130	3	30
Ethylene Dibromide			0.0500	0.04933		mg/Kg		99	67 - 130	4	30
cis-1,3-Dichloropropene			0.0500	0.04860		mg/Kg		97	61 - 130	1	30
Ethylbenzene			0.0500	0.04372		mg/Kg		87	70 - 130	1	30
Hexachlorobutadiene			0.0500	0.04136		mg/Kg		83	62 - 133	0	30
2-Hexanone			0.200	0.2457		mg/Kg		123	57 - 131	4	30
Iodomethane			0.0500	0.04034		mg/Kg		81	12 - 150	2	30
Isopropylbenzene			0.0500	0.04275		mg/Kg		86	70 - 130	1	30
4-Isopropyltoluene			0.0500	0.04336		mg/Kg		87	68 - 130	2	30
Methylene Chloride			0.0500	0.04138		mg/Kg		83	57 - 132	3	30
4-Methyl-2-pentanone (MIBK)			0.200	0.2448		mg/Kg		122	58 - 130	7	30
Methyl tert-butyl ether			0.0500	0.04734		mg/Kg		95	63 - 130	1	30
Naphthalene			0.0500	0.04861		mg/Kg		97	45 - 144	6	30
n-Butylbenzene			0.0500	0.04689		mg/Kg		94	66 - 130	4	30
N-Propylbenzene			0.0500	0.04289		mg/Kg		86	67 - 130	4	30
sec-Butylbenzene			0.0500	0.04330		mg/Kg		87	67 - 130	2	30
Styrene			0.0500	0.04586		mg/Kg		92	68 - 130	3	30
tert-Butylbenzene			0.0500	0.04382		mg/Kg		88	67 - 130	3	30
1,1,1,2-Tetrachloroethane			0.0500	0.04570		mg/Kg		91	65 - 130	1	30

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

Lab Sample ID: LCSD 400-711829/3-A
Matrix: Solid
Analysis Batch: 711786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			0.0500	0.04801		mg/Kg		96	60 - 131	4	30
Tetrachloroethene			0.0500	0.03845		mg/Kg		77	67 - 130	5	30
Toluene			0.0500	0.04233		mg/Kg		85	70 - 130	0	30
trans-1,4-Dichloro-2-butene			0.0500	0.04992		mg/Kg		100	45 - 137	0	30
trans-1,2-Dichloroethene			0.0500	0.04022		mg/Kg		80	58 - 134	3	30
trans-1,3-Dichloropropene			0.0500	0.04872		mg/Kg		97	60 - 130	1	30
1,2,3-Trichlorobenzene			0.0500	0.04651		mg/Kg		93	58 - 135	3	30
1,2,4-Trichlorobenzene			0.0500	0.04538		mg/Kg		91	56 - 138	4	30
1,1,1-Trichloroethane			0.0500	0.04165		mg/Kg		83	63 - 130	4	30
1,1,2-Trichloroethane			0.0500	0.05116		mg/Kg		102	65 - 130	2	30
o-Xylene			0.0500	0.04463		mg/Kg		89	70 - 130	1	30
Trichloroethene			0.0500	0.04208		mg/Kg		84	65 - 130	0	30
m-Xylene & p-Xylene			0.0500	0.04413		mg/Kg		88	70 - 130	0	30
Trichlorofluoromethane			0.0500	0.04137		mg/Kg		83	61 - 136	13	30
1,2,3-Trichloropropane			0.0500	0.04535		mg/Kg		91	60 - 130	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.03601		mg/Kg		72	47 - 143	7	30
1,2,4-Trimethylbenzene			0.0500	0.04427		mg/Kg		89	66 - 130	2	30
1,3,5-Trimethylbenzene			0.0500	0.04366		mg/Kg		87	67 - 130	1	30
Isopropyl ether			0.0500	0.06318		mg/Kg		126	62 - 130	13	30
Hexane			0.0500	0.03943		mg/Kg		79	57 - 132	1	30
Vinyl acetate			0.100	0.1046		mg/Kg		105	24 - 150	9	30
n-Heptane			0.0500	0.04373		mg/Kg		87	61 - 130	4	30
Vinyl chloride			0.0500	0.04627		mg/Kg		93	52 - 132	15	30
Ethyl acetate			0.100	0.09920		mg/Kg		99	21 - 150	6	30
Xylenes, Total			0.100	0.08875		mg/Kg		89	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*50 - 150*
Dibromofluoromethane	*102*		*50 - 150*
Toluene-d8 (Surr)	*99*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*113*		*50 - 150*

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

Lab Sample ID: MB 400-711662/1-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.0830	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4,5-Trichlorophenol	ND		0.330	0.101	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4,6-Trichlorophenol	ND		0.330	0.105	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dichlorophenol	ND		0.330	0.0700	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dimethylphenol	ND		0.330	0.0940	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dinitrophenol	ND		0.990	0.290	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,4-Dinitrotoluene	ND		0.330	0.101	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Chlorophenol	ND		0.330	0.121	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Chloronaphthalene	ND		0.330	0.0770	mg/Kg		06/05/25 11:01	06/06/25 15:45	1

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

Lab Sample ID: MB 400-711662/1-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.330	0.109	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Methylphenol	ND		0.330	0.0800	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Nitroaniline	ND		0.330	0.0700	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2-Nitrophenol	ND		0.330	0.118	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
3 & 4 Methylphenol	ND		0.660	0.0770	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
3,3'-Dichlorobenzidine	ND		0.330	0.110	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
3-Nitroaniline	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.240	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Bromophenyl phenyl ether	ND		0.330	0.105	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Chloro-3-methylphenol	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Chloroaniline	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Nitroaniline	ND		0.330	0.113	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Acenaphthene	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Acenaphthylene	ND		0.330	0.0880	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Acetophenone	ND		0.330	0.0940	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Anthracene	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[a]anthracene	ND		0.330	0.0880	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[a]pyrene	ND		0.330	0.0470	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[b]fluoranthene	ND		0.330	0.0990	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[g,h,i]perylene	ND		0.330	0.110	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzo[k]fluoranthene	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0730	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Bis(2-chloroethyl)ether	ND		0.330	0.108	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Chrysene	ND		0.330	0.106	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Dibenz(a,h)anthracene	ND		0.330	0.127	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Dibenzofuran	ND		0.330	0.0830	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Di-n-butyl phthalate	ND		0.330	0.0970	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Diethyl phthalate	ND		0.330	0.106	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Dimethyl phthalate	ND		0.330	0.0890	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Di-n-octyl phthalate	ND		0.330	0.120	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Fluoranthene	ND		0.330	0.0730	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Fluorene	ND		0.330	0.0900	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachlorobenzene	ND		0.330	0.100	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachlorobutadiene	ND		0.330	0.139	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachlorocyclopentadiene	ND		0.330	0.0660	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Hexachloroethane	ND		0.330	0.152	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.133	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Isophorone	ND		0.330	0.0670	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Naphthalene	ND		0.330	0.0890	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Nitrobenzene	ND		0.330	0.0980	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
N-Nitrosodiphenylamine	ND		0.330	0.0840	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
N-Nitrosodi-n-propylamine	ND		0.330	0.105	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Pentachlorophenol	ND		0.660	0.160	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Phenanthrene	ND		0.330	0.0810	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Phenol	ND		0.330	0.0890	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Pyrene	ND		0.330	0.0780	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Butyl benzyl phthalate	ND		0.330	0.160	mg/Kg		06/05/25 11:01	06/06/25 15:45	1

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

Lab Sample ID: MB 400-711662/1-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		0.330	0.126	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Carbazole	ND		0.330	0.112	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
2,6-Dinitrotoluene	ND		0.330	0.103	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
4-Nitrophenol	ND		0.330	0.300	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Atrazine	ND		0.330	0.0900	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Benzaldehyde	ND		0.330	0.134	mg/Kg		06/05/25 11:01	06/06/25 15:45	1
Caprolactam	ND		0.330	0.0840	mg/Kg		06/05/25 11:01	06/06/25 15:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
2-Fluorobiphenyl (Surr)	*88*		*27 - 127*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
2-Fluorophenol (Surr)	*54*		*25 - 128*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
Terphenyl-d14 (Surr)	*84*		*24 - 146*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
Phenol-d5 (Surr)	*61*		*29 - 130*	*06/05/25 11:01*	*06/06/25 15:45*	*1*
Nitrobenzene-d5 (Surr)	*74*		*15 - 136*	*06/05/25 11:01*	*06/06/25 15:45*	*1*

Lab Sample ID: LCS 400-711662/2-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	2.00	1.276		mg/Kg		64	47 - 100
2,4,5-Trichlorophenol	2.00	1.496		mg/Kg		75	50 - 118
2,4,6-Trichlorophenol	2.00	1.361		mg/Kg		68	49 - 115
2,4-Dichlorophenol	2.00	1.345		mg/Kg		67	53 - 120
2,4-Dimethylphenol	2.00	1.510		mg/Kg		75	45 - 108
2,4-Dinitrophenol	4.00	2.936		mg/Kg		73	10 - 138
2,4-Dinitrotoluene	2.00	1.565		mg/Kg		78	53 - 133
2-Chlorophenol	2.00	1.067		mg/Kg		53	50 - 102
2-Chloronaphthalene	2.00	1.247		mg/Kg		62	48 - 102
2-Methylnaphthalene	2.00	1.308		mg/Kg		65	39 - 112
2-Methylphenol	2.00	1.261		mg/Kg		63	49 - 111
2-Nitroaniline	2.00	1.585		mg/Kg		79	46 - 108
2-Nitrophenol	2.00	1.298		mg/Kg		65	53 - 120
3 & 4 Methylphenol	2.00	1.296		mg/Kg		65	47 - 123
3,3'-Dichlorobenzidine	2.67	2.512		mg/Kg		94	42 - 120
3-Nitroaniline	2.00	2.498	*+	mg/Kg		125	28 - 119
4,6-Dinitro-2-methylphenol	4.00	3.211		mg/Kg		80	35 - 135
4-Bromophenyl phenyl ether	2.00	1.485		mg/Kg		74	51 - 120
4-Chloro-3-methylphenol	2.00	1.500		mg/Kg		75	57 - 124
4-Chloroaniline	2.00	1.330		mg/Kg		66	26 - 102
4-Chlorophenyl phenyl ether	2.00	1.481		mg/Kg		74	53 - 113
4-Nitroaniline	2.00	1.618		mg/Kg		81	32 - 131
Acenaphthene	2.00	1.352		mg/Kg		68	46 - 112
Acenaphthylene	2.00	1.287		mg/Kg		64	41 - 116
Acetophenone	2.00	1.157		mg/Kg		58	43 - 100
Anthracene	2.00	1.604		mg/Kg		80	43 - 120
Benzo[a]anthracene	2.00	1.588		mg/Kg		79	45 - 122

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

Lab Sample ID: LCS 400-711662/2-A
Matrix: Solid
Analysis Batch: 711868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	2.00	1.707		mg/Kg		85	40 - 121
Benzo[b]fluoranthene	2.00	1.686		mg/Kg		84	37 - 116
Benzo[g,h,i]perylene	2.00	1.958		mg/Kg		98	34 - 120
Benzo[k]fluoranthene	2.00	1.518		mg/Kg		76	35 - 133
Bis(2-chloroethoxy)methane	2.00	1.049		mg/Kg		52	33 - 100
Bis(2-chloroethyl)ether	2.00	1.521		mg/Kg		76	28 - 120
Bis(2-ethylhexyl) phthalate	2.00	1.746		mg/Kg		87	40 - 150
Chrysene	2.00	1.588		mg/Kg		79	42 - 132
Dibenz(a,h)anthracene	2.00	1.944		mg/Kg		97	36 - 127
Dibenzofuran	2.00	1.425		mg/Kg		71	54 - 105
Di-n-butyl phthalate	2.00	1.762		mg/Kg		88	40 - 122
Diethyl phthalate	2.00	1.761		mg/Kg		88	40 - 128
Dimethyl phthalate	2.00	1.557		mg/Kg		78	58 - 120
Di-n-octyl phthalate	2.00	1.697		mg/Kg		85	40 - 137
Fluoranthene	2.00	2.032		mg/Kg		102	42 - 124
Fluorene	2.00	1.527		mg/Kg		76	45 - 116
Hexachlorobenzene	2.00	1.590		mg/Kg		79	49 - 127
Hexachlorobutadiene	2.00	1.255		mg/Kg		63	43 - 120
Hexachlorocyclopentadiene	2.00	1.529		mg/Kg		76	10 - 140
Hexachloroethane	2.00	1.035		mg/Kg		52	45 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.891		mg/Kg		95	40 - 117
Isophorone	2.00	1.189		mg/Kg		59	36 - 120
Naphthalene	2.00	1.166		mg/Kg		58	40 - 106
Nitrobenzene	2.00	1.179		mg/Kg		59	40 - 120
N-Nitrosodiphenylamine	1.98	1.389		mg/Kg		70	54 - 120
N-Nitrosodi-n-propylamine	2.00	1.094		mg/Kg		55	39 - 120
Pentachlorophenol	4.00	3.238		mg/Kg		81	32 - 131
Phenanthrene	2.00	1.545		mg/Kg		77	47 - 111
Phenol	2.00	1.139		mg/Kg		57	40 - 120
Pyrene	2.00	1.336		mg/Kg		67	41 - 124
Butyl benzyl phthalate	2.00	1.364		mg/Kg		68	50 - 126
bis (2-chloroisopropyl) ether	2.00	0.7671		mg/Kg		38	18 - 105
Carbazole	2.00	1.816		mg/Kg		91	36 - 132
2,6-Dinitrotoluene	2.00	1.491		mg/Kg		75	51 - 114
4-Nitrophenol	4.00	4.109		mg/Kg		103	35 - 139
Atrazine	2.00	1.168		mg/Kg		58	44 - 120
Benzaldehyde	2.00	1.396		mg/Kg		70	20 - 120
Caprolactam	2.00	1.192		mg/Kg		60	43 - 111

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 150*
2-Fluorobiphenyl (Surr)	*63*		*27 - 127*
2-Fluorophenol (Surr)	*49*		*25 - 128*
Terphenyl-d14 (Surr)	*72*		*24 - 146*
Phenol-d5 (Surr)	*52*		*29 - 130*
Nitrobenzene-d5 (Surr)	*64*		*15 - 136*

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

Lab Sample ID: MB 400-711850/1-A
Matrix: Solid
Analysis Batch: 712156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.1171		0.00120	0.00120	mg/Kg		06/06/25 11:42	06/10/25 09:56	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*10 - 150*	*06/06/25 11:42*	*06/10/25 09:56*	*1*

Lab Sample ID: LCS 400-711850/2-A
Matrix: Solid
Analysis Batch: 712156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2969		mg/Kg		111	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*69*		*10 - 150*

Lab Sample ID: MB 400-712542/1-A
Matrix: Solid
Analysis Batch: 712788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		06/12/25 11:55	06/14/25 19:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*06/12/25 11:55*	*06/14/25 19:25*	*1*

Lab Sample ID: LCS 400-712542/2-A
Matrix: Solid
Analysis Batch: 712788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2720		mg/Kg		102	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*50*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-711483/1-A
Matrix: Solid
Analysis Batch: 711595

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		2.00	0.659	mg/Kg			06/05/25 00:55	1

Lab Sample ID: LCS 400-711483/2-A
Matrix: Solid
Analysis Batch: 711595

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	22.6	23.22		mg/Kg		103	80 - 120

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-711483/1-A
Matrix: Solid
Analysis Batch: 711597

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		20.0	7.29	mg/Kg			06/05/25 00:55	1

Lab Sample ID: LCS 400-711483/2-A
Matrix: Solid
Analysis Batch: 711597

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	100	100.0		mg/Kg		100	80 - 120

Method: 6020B - Metals (ICPMS) – Solid Matrix

Lab Sample ID: MB 680-883068/1-A
Matrix: Solid
Analysis Batch: 883106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 883068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0200	0.00200	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Arsenic	ND		0.00600	0.00200	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Barium	ND		0.0100	0.00120	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Beryllium	ND		0.00100	0.000300	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Cadmium	ND		0.00100	0.000300	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Chromium	ND		0.0200	0.00220	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Cobalt	ND		0.00100	0.000200	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Copper	ND		0.0100	0.00260	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Lead	ND		0.00400	0.00100	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Manganese	ND		0.0200	0.00240	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Nickel	ND		0.0200	0.00520	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Selenium	ND		0.0100	0.00200	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Silver	ND		0.00200	0.000200	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Thallium	ND		0.00200	0.00100	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Vanadium	ND		0.0100	0.00540	mg/Kg		06/02/25 06:06	06/02/25 14:44	1
Zinc	ND		0.0400	0.0200	mg/Kg		06/02/25 06:06	06/02/25 14:44	1

Lab Sample ID: LCS 680-883068/2-A
Matrix: Solid
Analysis Batch: 883106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 883068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1941		mg/Kg		97	80 - 120
Arsenic	0.400	0.3892		mg/Kg		97	80 - 120
Barium	0.400	0.4000		mg/Kg		100	80 - 120
Beryllium	0.200	0.1941		mg/Kg		97	80 - 120
Cadmium	0.200	0.2015		mg/Kg		101	80 - 120
Chromium	0.400	0.3941		mg/Kg		99	80 - 120
Cobalt	0.200	0.2061		mg/Kg		103	80 - 120
Copper	0.404	0.3918		mg/Kg		97	80 - 120
Lead	2.00	1.977		mg/Kg		99	80 - 120
Manganese	1.60	1.518		mg/Kg		95	80 - 120
Nickel	0.400	0.4045		mg/Kg		101	80 - 120

Method: 6020B - Metals (ICPMS) – Solid Matrix (Continued)

Lab Sample ID: LCS 680-883068/2-A
Matrix: Solid
Analysis Batch: 883106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 883068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.400	0.3750		mg/Kg		94	80 - 120
Silver	0.200	0.2063		mg/Kg		103	80 - 120
Thallium	0.200	0.2009		mg/Kg		100	80 - 120
Vanadium	0.400	0.3807		mg/Kg		95	80 - 120
Zinc	0.400	0.3746		mg/Kg		94	80 - 120

Lab Sample ID: 400-276742-1 MS
Matrix: Solid
Analysis Batch: 883106

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 883068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.412	J	10.7	10.27		mg/Kg	☼	92	75 - 125
Arsenic	1.23		21.4	20.20		mg/Kg	☼	89	75 - 125
Barium	47.7		21.4	71.30		mg/Kg	☼	110	75 - 125
Beryllium	0.337		10.7	10.18		mg/Kg	☼	92	75 - 125
Cadmium	0.223		10.7	10.45		mg/Kg	☼	96	75 - 125
Chromium	13.3		21.4	33.25		mg/Kg	☼	94	75 - 125
Cobalt	5.56		10.7	15.36		mg/Kg	☼	92	75 - 125
Copper	18.4		21.6	36.82		mg/Kg	☼	85	75 - 125
Lead	39.3		107	140.5		mg/Kg	☼	95	75 - 125
Manganese	191		85.5	266.0		mg/Kg	☼	88	75 - 125
Nickel	14.6		21.4	32.77		mg/Kg	☼	85	75 - 125
Selenium	0.328	J	21.4	18.91		mg/Kg	☼	87	75 - 125
Silver	0.0435	J	10.7	10.40		mg/Kg	☼	97	75 - 125
Thallium	ND		10.7	10.21		mg/Kg	☼	96	75 - 125
Vanadium	22.1		21.4	41.43		mg/Kg	☼	91	75 - 125
Zinc	78.1		21.4	95.24		mg/Kg	☼	80	75 - 125

Lab Sample ID: 400-276742-1 MSD
Matrix: Solid
Analysis Batch: 883106

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 883068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.412	J	10.5	9.772		mg/Kg	☼	89	75 - 125	5	20
Arsenic	1.23		21.0	19.92		mg/Kg	☼	89	75 - 125	1	20
Barium	47.7		21.0	65.21		mg/Kg	☼	83	75 - 125	9	20
Beryllium	0.337		10.5	9.717		mg/Kg	☼	89	75 - 125	5	20
Cadmium	0.223		10.5	10.16		mg/Kg	☼	95	75 - 125	3	20
Chromium	13.3		21.0	32.44		mg/Kg	☼	91	75 - 125	2	20
Cobalt	5.56		10.5	14.92		mg/Kg	☼	89	75 - 125	3	20
Copper	18.4		21.2	37.24		mg/Kg	☼	89	75 - 125	1	20
Lead	39.3		105	131.1		mg/Kg	☼	87	75 - 125	7	20
Manganese	191		84.0	255.8		mg/Kg	☼	77	75 - 125	4	20
Nickel	14.6		21.0	33.77		mg/Kg	☼	91	75 - 125	3	20
Selenium	0.328	J	21.0	18.44		mg/Kg	☼	86	75 - 125	3	20
Silver	0.0435	J	10.5	10.12		mg/Kg	☼	96	75 - 125	3	20
Thallium	ND		10.5	9.882		mg/Kg	☼	94	75 - 125	3	20
Vanadium	22.1		21.0	41.66		mg/Kg	☼	93	75 - 125	1	20
Zinc	78.1		21.0	94.16		mg/Kg	☼	77	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 680-883096/12-A
Matrix: Solid
Analysis Batch: 883116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 883096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0250	0.00800	mg/Kg		06/02/25 14:08	06/02/25 17:33	1

Lab Sample ID: LCS 680-883096/13-A
Matrix: Solid
Analysis Batch: 883116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 883096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.250	0.2653		mg/Kg		106	80 - 120

Lab Sample ID: 400-276742-3 MS
Matrix: Solid
Analysis Batch: 883116

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 883096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0121	J	0.139	0.1437		mg/Kg	☼	95	80 - 120

Lab Sample ID: 400-276742-3 MSD
Matrix: Solid
Analysis Batch: 883116

Client Sample ID: SED-6
Prep Type: Total/NA
Prep Batch: 883096

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0121	J	0.139	0.1492		mg/Kg	☼	99	80 - 120	4	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-711559/19
Matrix: Solid
Analysis Batch: 711559

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)	0.0498	0.06500		mg/L		130	50 - 150

Lab Sample ID: MB 400-711495/1-A
Matrix: Solid
Analysis Batch: 711559

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		0.988	0.316	mg/Kg			06/04/25 13:00	1

Lab Sample ID: LCS 400-711495/2-A
Matrix: Solid
Analysis Batch: 711559

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.9	59.74		mg/Kg		100	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 400-276742-1 MS
Matrix: Solid
Analysis Batch: 711559

Client Sample ID: SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND		17.4	18.58		mg/Kg	☼	107	90 - 110

Lab Sample ID: 400-276742-1 MSD
Matrix: Solid
Analysis Batch: 711559

Client Sample ID: SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND		17.4	18.07		mg/Kg	☼	104	90 - 110	3	11

Method: Moisture - Percent Moisture

Lab Sample ID: 400-276742-1 DU
Matrix: Solid
Analysis Batch: 711397

Client Sample ID: SED-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	82.1		78.9		%		4	10
Percent Moisture	17.9		21.1		%		16	

Lab Chronicle

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

Job ID: 400-276742-1

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			711397	06/03/25 14:12	TMP	EET PEN

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.325 g	5.00 mL	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 16:25	CAR	EET PEN
Total/NA	Prep	3546			15.57 g	1 mL	711662	06/05/25 11:02	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	711868	06/06/25 20:00	VC1	EET PEN
Total/NA	Prep	3546			15.43 g	1 mL	712542	06/12/25 11:56	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	712788	06/14/25 22:48	VC1	EET PEN
Total/NA	Prep	3546			15.59 g	1 mL	711850	06/06/25 11:43	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	712156	06/10/25 13:12	VC1	EET PEN
Soluble	Leach	DI Leach			2.513 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 03:11	AMM	EET PEN
Soluble	Leach	DI Leach			2.513 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 03:11	AMM	EET PEN
Total/NA	Prep	3050B			0.56 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:49	BWR	EET SAV
Total/NA	Prep	7471B			0.56 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:47	BJB	EET SAV
Soluble	Leach	DI Leach			5.23 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:05	CAC	EET PEN

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			711397	06/03/25 14:12	TMP	EET PEN

Client Sample ID: SED-2
Date Collected: 05/28/25 12:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-2
Matrix: Solid
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.832 g	5.00 mL	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 16:46	CAR	EET PEN
Total/NA	Prep	3546			15.27 g	1 mL	711662	06/05/25 11:02	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	711868	06/06/25 20:28	VC1	EET PEN
Total/NA	Prep	3546			15.96 g	1 mL	711850	06/06/25 11:43	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	712156	06/10/25 13:34	VC1	EET PEN

Client Sample ID: SED-2

Lab Sample ID: 400-276742-2

Date Collected: 05/28/25 12:50

Matrix: Solid

Date Received: 05/29/25 09:45

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.30 g	1 mL	712542	06/12/25 11:56	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	713008	06/17/25 13:28	VC1	EET PEN
Soluble	Leach	DI Leach			2.506 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 03:20	AMM	EET PEN
Soluble	Leach	DI Leach			2.506 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 03:20	AMM	EET PEN
Total/NA	Prep	3050B			0.58 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:57	BWR	EET SAV
Total/NA	Prep	7471B			0.53 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:45	BJB	EET SAV
Soluble	Leach	DI Leach			5.30 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:13	CAC	EET PEN

Client Sample ID: SED-6

Lab Sample ID: 400-276742-3

Date Collected: 05/28/25 13:50

Matrix: Solid

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			711397	06/03/25 14:12	TMP	EET PEN

Client Sample ID: SED-6

Lab Sample ID: 400-276742-3

Date Collected: 05/28/25 13:50

Matrix: Solid

Date Received: 05/29/25 09:45

Percent Solids: 69.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.497 g	5.00 mL	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 17:07	CAR	EET PEN
Total/NA	Prep	3546			15.31 g	1 mL	711662	06/05/25 11:02	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	711868	06/06/25 20:56	VC1	EET PEN
Total/NA	Prep	3546			15.43 g	1 mL	711850	06/06/25 11:43	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	712156	06/10/25 13:56	VC1	EET PEN
Soluble	Leach	DI Leach			2.500 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 03:28	AMM	EET PEN
Soluble	Leach	DI Leach			2.500 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 03:28	AMM	EET PEN
Total/NA	Prep	3050B			0.50 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:59	BWR	EET SAV
Total/NA	Prep	7471B			0.59 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:38	BJB	EET SAV
Soluble	Leach	DI Leach			5.30 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:16	CAC	EET PEN

Client Sample ID: SED-DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			711397	06/03/25 14:12	TMP	EET PEN

Client Sample ID: SED-DUP
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-4
Matrix: Solid
Percent Solids: 76.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.593 g	5.00 mL	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 17:28	CAR	EET PEN
Total/NA	Prep	3546			15.36 g	1 mL	711662	06/05/25 11:02	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	711868	06/06/25 21:24	VC1	EET PEN
Total/NA	Prep	3546			15.75 g	1 mL	711850	06/06/25 11:43	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	712156	06/10/25 14:18	VC1	EET PEN
Total/NA	Prep	3546			15.54 g	1 mL	712542	06/12/25 11:56	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	713008	06/17/25 13:49	VC1	EET PEN
Soluble	Leach	DI Leach			2.512 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 03:37	AMM	EET PEN
Soluble	Leach	DI Leach			2.512 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 03:37	AMM	EET PEN
Total/NA	Prep	3050B			0.58 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 15:02	BWR	EET SAV
Total/NA	Prep	7471B			0.59 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:49	BJB	EET SAV
Soluble	Leach	DI Leach			5.10 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:19	CAC	EET PEN

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			711397	06/03/25 14:12	TMP	EET PEN

Client Sample ID: SED-5
Date Collected: 05/28/25 15:15
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-5
Matrix: Solid
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.461 g	5.00 mL	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 17:48	CAR	EET PEN
Total/NA	Prep	3546			15.02 g	1 mL	711662	06/05/25 11:02	AP	EET PEN
Total/NA	Analysis	8270E		5	0.4 mL	0.4 mL	711868	06/06/25 21:52	VC1	EET PEN
Total/NA	Prep	3546			15.51 g	1 mL	711850	06/06/25 11:43	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	712156	06/10/25 14:40	VC1	EET PEN

Client Sample ID: SED-5

Lab Sample ID: 400-276742-5

Date Collected: 05/28/25 15:15

Matrix: Solid

Date Received: 05/29/25 09:45

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.12 g	1 mL	712542	06/12/25 11:56	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		5	0.4 mL	0.4 mL	713008	06/17/25 14:11	VC1	EET PEN
Soluble	Leach	DI Leach			2.529 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 03:45	AMM	EET PEN
Soluble	Leach	DI Leach			2.529 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 03:45	AMM	EET PEN
Total/NA	Prep	3050B			0.59 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 15:05	BWR	EET SAV
Total/NA	Prep	7471B			0.55 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:52	BJB	EET SAV
Soluble	Leach	DI Leach			5.10 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:21	CAC	EET PEN

Client Sample ID: Trip Blank

Lab Sample ID: 400-276742-6

Date Collected: 05/28/25 00:00

Matrix: Water

Date Received: 05/29/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711613	06/05/25 17:39	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711483/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.503 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 00:55	AMM	EET PEN
Soluble	Leach	DI Leach			2.503 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 00:55	AMM	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711495/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.06 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:00	CAC	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711613/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711613	06/05/25 08:14	WPD	EET PEN

Lab Chronicle

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

Job ID: 400-276742-1

Client Sample ID: Method Blank
Lab Sample ID: MB 400-711662/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	711662	06/05/25 11:01	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	711868	06/06/25 15:45	VC1	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-711829/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 09:42	CAR	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-711850/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	711850	06/06/25 11:42	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712156	06/10/25 09:56	VC1	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-712542/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	712542	06/12/25 11:55	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712788	06/14/25 19:25	VC1	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 680-883068/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			25 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:44	BWR	EET SAV

Client Sample ID: Method Blank
Lab Sample ID: MB 680-883096/12-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.5 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:33	BJB	EET SAV

Lab Chronicle

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

Job ID: 400-276742-1

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711483/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			2.501 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711595	06/05/25 01:04	AMM	EET PEN
Soluble	Leach	DI Leach			2.501 g	50 mL	711483	06/04/25 10:29	AMM	EET PEN
Soluble	Analysis	9056A		1			711597	06/05/25 01:04	AMM	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711495/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:03	CAC	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711613/1002
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711613	06/05/25 06:58	WPD	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711662/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	711662	06/05/25 11:01	AP	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	711868	06/06/25 16:13	VC1	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711829/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 08:30	CAR	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-711850/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	711850	06/06/25 11:42	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712156	06/10/25 10:18	VC1	EET PEN

Lab Chronicle

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

Job ID: 400-276742-1

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-712542/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	712542	06/12/25 11:55	AP	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	712788	06/14/25 19:51	VC1	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 680-883068/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			25 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:47	BWR	EET SAV

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 680-883096/13-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.5 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:35	BJB	EET SAV

Client Sample ID: Lab Control Sample Dup
Lab Sample ID: LCSD 400-711829/3-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	711829	06/06/25 08:25	RSG	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	711786	06/06/25 10:32	CAR	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: MRL 400-711559/19
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	100 mL	100 mL	711559	06/04/25 10:04	CAC	EET PEN

Client Sample ID: SED-1
Lab Sample ID: 400-276742-1 MS
Date Collected: 05/28/25 09:50
Matrix: Solid
Date Received: 05/29/25 09:45
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.57 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:52	BWR	EET SAV
Soluble	Leach	DI Leach			5.23 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:08	CAC	EET PEN

Lab Chronicle

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

Job ID: 400-276742-1

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1 MSD
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.58 g	250 mL	883068	06/02/25 06:06	RR	EET SAV
Total/NA	Analysis	6020B		1			883106	06/02/25 14:54	BWR	EET SAV
Soluble	Leach	DI Leach			5.23 g	100 mL	711495	06/04/25 11:08	CAC	EET PEN
Soluble	Analysis	350.1		1	10 mL	10 mL	711559	06/04/25 13:11	CAC	EET PEN

Client Sample ID: SED-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-3 MS
Matrix: Solid
Percent Solids: 69.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.52 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:40	BJB	EET SAV

Client Sample ID: SED-6
Date Collected: 05/28/25 13:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-3 MSD
Matrix: Solid
Percent Solids: 69.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.52 g	50 mL	883096	06/02/25 14:08	MG	EET SAV
Total/NA	Analysis	7471B		1			883116	06/02/25 17:42	BJB	EET SAV

Client Sample ID: SED-1
Date Collected: 05/28/25 09:50
Date Received: 05/29/25 09:45

Lab Sample ID: 400-276742-1 DU
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			711397	06/03/25 14:12	TMP	EET PEN

Laboratory References:

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

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Method Summary

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

Job ID: 400-276742-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET PEN
6020B	Metals (ICPMS) – Solid Matrix	SW846	EET SAV
7471B	Mercury (CVAA)	SW846	EET SAV
350.1	Nitrogen, Ammonia	EPA	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET SAV
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 SAV
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 PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 400-276742-1
Project/Site: Walltown Park

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	1,2,4-Trimethylbenzene
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5035	Solid	Hexane
8260D	5035	Solid	n-Heptane
9056A		Solid	Nitrate as N
9056A		Solid	Sulfate
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

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

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: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-167640-59295.1
Client Contact: Jerry Paul	Phone: 919.872.2660	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630, Phase AA			
Email: jpaul@smeinc.com	WO #:			
Project Name: Walltown Park	Project #: 68026680			
Site: Walltown Park	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

400-276742 Chain of Custody

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)	350.1 - Ammonia, 9056A_ORGFM_28D - Sulfate	8270E - SVOCs; 8270E_SIM_ID_D5 -1,4-Dioxane	9056A_ORGFM_48H - Nitrate as N - Soil	8260D - VOC NC 02L List - Soil	6020B - PRLF 16 Metals; 7471B - Hg - Soil	8260D - VOC NC 02L List (Water - Trip Blank)	Total Number	Special Instructions/Note:
			Preservation Code:			N	N	N	PL	N	A		
SED-1	5/28/25	0950	G	S	N	X	X	X	X	X	X		
SED-2	"	1250	"	"	"	X	X	X	X	X	X		
SED-6	"	1350	"	"	"	X	X	X	X	X	X		
SED-DUP	"	1350	"	"	"	X	X	X	X	X	X		
SED-5	"	1515	"	"	"	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
Jonathan Olanin	5/28/25	S&ME			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				5/29/25 0945	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0 IR8

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 400-377017.1
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 #: 400-276742-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 6/6/2025			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Walltown Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3050B PRLF 16 Metals, Including prep	7471B/7471B_Prep Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SED-1 (400-276742-1)	5/28/25	09:50 Eastern	G	Solid			X	X	1	
SED-2 (400-276742-2)	5/28/25	12:50 Eastern	G	Solid			X	X	1	
SED-6 (400-276742-3)	5/28/25	13:50 Eastern	G	Solid			X	X	1	
SED-DUP (400-276742-4)	5/28/25	13:50 Eastern	G	Solid			X	X	1	
SED-5 (400-276742-5)	5/28/25	15:15 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		5/30/25 1700	EG		5/31/25 1015	
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: 20.7 / 20.7

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 400-276742-1

Login Number: 276742
List Number: 1
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 400-276742-1

Login Number: 276742
List Number: 2
Creator: Faught, Timothy

List Source: Eurofins Savannah
List Creation: 05/31/25 11:16 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250
Telephone: 317.803.2997 Fax:317.803.3047
www.emsl.com

EMSL Order ID: 162560761
LIMS Reference ID: CD60761
EMSL Customer ID: SMEI60

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

Project Name: DURHAM PARKS/23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/10/2025 10:50
Reported: 09/24/2025 14:43

Analytical Results

Analyte	Results	RL	Volume(L)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: LFGP-1/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-01**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-2/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-02**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-3/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-03**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-4/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-04**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-5/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-05**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-6/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-06**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-7/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-07**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-9/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-08**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-10/LYON PARK-822									**Date Sampled: 09/04/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-09**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									

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EMSL Order ID: 162560761
LIMS Reference ID: CD60761
EMSL Customer ID: SMEI60

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

Project Name: DURHAM PARKS/23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/10/2025 10:50
Reported: 09/24/2025 14:43

Analytical Results (Continued)

Analyte	Results	RL	Volume(L)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: LFGP-DUP-01/LYON PARK-822								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-10**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-8/LYON PARK-822								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-11**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-1/NORTHGATE-825								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-12**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-2/NORTHGATE-825								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-13**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-3/NORTHGATE-825								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-14**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-4/NORTHGATE-825								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-15**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-5/NORTHGATE-825								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-16**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-DUP-02/NORTHGATE-825								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-17**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-2/WALLTOWN PARK-824								**Date Sampled: 09/10/25**	
Matrix: Tubes								**LIMS Reference ID: CD60761-18**	
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									

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Telephone: 317.803.2997 Fax:317.803.3047
www.emsl.com

EMSL Order ID: 162560761
LIMS Reference ID: CD60761
EMSL Customer ID: SMEI60

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

Project Name: DURHAM PARKS/23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/10/2025 10:50
Reported: 09/24/2025 14:43

Analytical Results (Continued)

Analyte	Results	RL	Volume(L)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: LFGP-3/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-19**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-DUP-03/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-20**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-1/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-21**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-4/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-22**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-5/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-23**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-6/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-24**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-7/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-25**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-8/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-26**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									
Client Sample ID: LFGP-9/WALLTOWN PARK-824									**Date Sampled: 09/10/25**
Matrix: Tubes									**LIMS Reference ID: CD60761-27**
Mercury	<0.67 µg/m³	0.67 µg/m³	15	09/23/25 JW	NIOSH 6009	09/23/25 JW	NIOSH 6009		1
Sample Comments:									

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jpaul@smeinc.com

Project Name: DURHAM PARKS/23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/10/2025 10:50
Reported: 09/24/2025 14:43

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	16-AIHA IHLAP

List of Certifications

Code	Description	Number	Expires
16-MO	Missouri Drinking Water	10180	03/31/2026
16-NYDOH	New York Potable Water, Metals Solid and Hazardous Waste - Asbestos	12130	04/01/2026
16-AIHA ELLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - ELLAP	157245	08/01/2027
16-AIHA IHLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - IHLAP	157245	08/01/2027
16-CA ELAP	California Metals in DW, Chemistry and Bulk Asbestos in Hazardous Waste	2575	06/30/2026
16-A2LA Food	A2LA Food Microbiology	2845.11	01/31/2026
16-A2LA Chemistry	A2LA Environmental and Chemistry	2845.25	11/30/2025
16-IN Metals/Asbestos	Indiana Lead and Metals and Asbestos in Drinking Water	C-49-09	12/31/2026
16-OHDOH	Ohio - Lead in Paint Chips, Wipes, Soil and Air	E10040	05/03/2026
16-FLDOH	Florida Asbestos and Metals in Drinking Water, PCBs	E871170	06/30/2026
16-NJDEP	New Jersey Metals, Organics and Inorganics in DW PCBs	IN002	06/30/2026
16-IN Colilert/HPC	Indiana Colilert and HPC	M-49-06	12/31/2026

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.

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.

EMSL Analytical, Inc.

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EMSL Order ID: 162560761
LIMS Reference ID: CD60761
EMSL Customer ID: SMEI60

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

Project Name: DURHAM PARKS/23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 09/10/2025 10:50
Reported: 09/24/2025 14:43

Aleks Kuchenbrod 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. QC sample results are within quality control criteria and met method specifications unless otherwise noted. All results for soil samples are reported on a dry weight basis, unless otherwise noted.

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Silica - Chain of Custody

EMSL Order Number / Lab Use Only: 162560761

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: CinnAslab@EMSL.com

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

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	SAME	Company Name:	
Contact Name:	Jerry Paul	Billing Contact:	
Street Address:	3201 Spring Forest Rd	Street Address:	
City, State, Zip:	Raleigh, NC	City, State, Zip:	
Country:		Country:	
Phone:	419-872-2660	Phone:	
Email(s) for Report:	JPaul@smeinc.com	Email(s) for Invoice:	

Project Name/No: Durham Parks / 2305 0630 — 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:

Media Manufacturer/ Part Number:

Media Lot Number:

Sampled By Name: Logan Mester

Sampled By Signature:

No. Samples in Shipment:

Method Requested:

- ☐ NIOSH 7500 by XRD
  - ☐ Include: Respirable Dust
  - ☐ Include: Total Dust
  - ***Check only one of the above**
  - ☐ Include: TWA
- ☐ NIOSH 7602 by IR
  - ***Charlotte (Pineville), NC Lab ONLY**

Media Submitted:

Cassette
- ☐ 37mm PVC 5.0um Cassette / Pre-Weighed Filter ☐ No Cyclone
- ☐ 37mm PVC 5.0um Cassette / NON Pre-Weighed Filter ☐ No Cyclone

(Lab assumes cyclone utilized in sampling train unless No Cyclone selected.)

PPI
- ☐ 2 LPM PPI / Pre-Weighed Filter ☐ 2 LPM PPI / NON Pre-Weighed Filter
- ☐ 4 LPM PPI / Pre-Weighed Filter ☐ 4 LPM PPI / NON Pre-Weighed Filter
- ☐ 8 LPM PPI / Pre-Weighed Filter ☐ 8 LPM PPI / NON Pre-Weighed Filter

Species Requested:

- ☐ ALL Species *(Includes Alpha Quartz, Cristobalite, Tridymite)*
- ☐ Single Species *(Please check one or two below)*
  - ☐ Alpha Quartz
  - ☐ Cristobalite
  - ☐ Tridymite

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 (Call Lab)

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Sample Type	Sample Date	Comments
LFGP-1	LYON Park - B22	6009	Sorbent Tube	0.25	1255	1355	☐ Area ☐ Personal	9-4-25	
LFGP-2					1250	1350	☐ Area ☐ Personal		
LFGP-3					1245	1345	☐ Area ☐ Personal		
LFGP-4					1240	1340	☐ Area ☐ Personal		
LFGP-5					1235	1335	☐ Area ☐ Personal		
LFGP-6					1425	1525	☐ Area ☐ Personal		
LFGP-7					1420	1520	☐ Area ☐ Personal		

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

~~EtOH~~ Mercury NIOSH 6009 Sorbent Tubes

Method of Shipment: FedEx

Relinquished by: Logan Mester — Date/Time: 9/4/25 17:20

Relinquished by: — Date/Time:

Sample Condition Upon Receipt:

Received by: — Date/Time: 9/10/25 1020

Received by: — Date/Time:

Controlled Document - COC-73 Silica R1 03/18/2021

☐ 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

Silica - Chain of Custody

EMSL Order Number / Lab Use Only

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

PHONE: (800) 220-3675
EMAIL: CinnAsblab@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	Sample Type	Sample Date	Comments
LFGP-9	LYON PARK-822	6009	Sorbent Tube	0.25	1410	1510	☐ Area ☐ Personal	9-4-25	
LFGP-10	"	"	"	"	1405	1505	☐ Area ☐ Personal	"	
LFGP-DUP-01	"	"	"	"	1255	1355	☐ Area ☐ Personal	"	
LFGP-8	"	"	"	"	1415	1515	☐ Area ☐ Personal	"	
LFGP-1	Northgate - 825	"	"	"	735	835	☐ Area ☐ Personal	9-5-25	
LFGP-2	"	"	"	"	740	840	☐ Area ☐ Personal	"	
LFGP-3	"	"	"	"	745	845	☐ Area ☐ Personal	"	
LFGP-4	"	"	"	"	750	850	☐ Area ☐ Personal	"	
LFGP-5	"	"	"	"	755	855	☐ Area ☐ Personal	"	
LFGP-DUP-02	"	"	"	"	755	855	☐ Area ☐ Personal	"	
LFGP-2	Walltown Park-824	"	"	"	1117	1217	☐ Area ☐ Personal	9-8-25	
LFGP-3	"	"	"	"	1125	1225	☐ Area ☐ Personal	"	
LFGP-DUP-03	"	"	"	"	1125	1225	☐ Area ☐ Personal	"	
LFGP-1	"	"	"	"	1133	1233	☐ Area ☐ Personal	"	
LFGP-4	"	"	"	"	1137	1237	☐ Area ☐ Personal	"	
LFGP-5	"	"	"	"	1130	1230	☐ Area ☐ Personal	"	
LFGP-6	"	"	"	"	1310	1410	☐ Area ☐ Personal	"	
LFGP-7	"	"	"	"	1305	1405	☐ Area ☐ Personal	"	
LFGP-8	"	"	"	"	1308	1408	☐ Area ☐ Personal	"	
LFGP-9	"	"	"	"	1340	1440	☐ Area ☐ Personal	"	
							☐ Area ☐ Personal		
							☐ Area ☐ Personal		

Method of Shipment: FedEx		Sample Condition Upon Receipt:	
Relinquished by: Clay Shiller	Date/Time: 9/9/25 17:20	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-73 Silica R1 03/18/2021

☐ **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.

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Analytical Report

9/29/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name:
Project #: 23050630
Workorder #: 2509450A

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 9/11/2025 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

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WORK ORDER #: 2509450A

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 #**	23050630
DATE RECEIVED:	09/11/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	09/29/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	824-LFGP-1	TO-15	9.4 "Hg	1.9 psi
02A	824-LFGP-4	TO-15	10 "Hg	2 psi
03A	824-LFGP-2	TO-15	9.8 "Hg	1.8 psi
04A	824-LFGP-5	TO-15	9.2 "Hg	1.9 psi
05A	824-LFGP-8	TO-15	10.6 "Hg	1.9 psi
06A	824-LFGP-9	TO-15	10.8 "Hg	1.9 psi
07A	824-LFGP-6	TO-15	7.3 "Hg	1.9 psi
08A	824-LFGP-7	TO-15	8.8 "Hg	1.8 psi
09A	824-LFGP-DUP	TO-15	12 "Hg	1.9 psi
10A	824-LFGP-3	TO-15	10 "Hg	1.8 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: 09/29/25

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# 2509450A

Ten 6 Liter Summa Canister samples were received on September 11, 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-1 and 824-LFGP-3 did not match the information on the canister with regard to canister barcode. The sample labeled 6L4384 and 6L2456 on the COC is labeled as 1046 and 2456 on the canister. The client was notified of the discrepancy and the information on the canister 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

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

Client Sample ID: 824-LFGP-1

Lab ID#: 2509450A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.2	63	19	150
2-Propanol	3.3	8.0	8.1	20
Chloroform	0.82	1.4	4.0	6.8
1,3-Dichlorobenzene	0.82	0.93	4.9	5.6

Client Sample ID: 824-LFGP-4

Lab ID#: 2509450A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	8.5	20	16	37
Acetone	8.5	260	20	620
2-Propanol	3.4	10	8.4	25
2-Butanone (Methyl Ethyl Ketone)	3.4	8.2	10	24

Client Sample ID: 824-LFGP-2

Lab ID#: 2509450A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.4	25	20	60
2-Propanol	3.3	18	8.2	45
Tetrachloroethene	0.84	12	5.7	82

Client Sample ID: 824-LFGP-5

Lab ID#: 2509450A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.2	20	19	47
2-Propanol	3.3	6.9	8.0	17
Tetrachloroethene	0.82	5.7	5.5	39

Client Sample ID: 824-LFGP-8

Lab ID#: 2509450A-05A

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

Client Sample ID: 824-LFGP-8

Lab ID#: 2509450A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.8	14	21	33
Chloroform	0.88	1.7	4.3	8.3
Tetrachloroethene	0.88	5.1	5.9	34

Client Sample ID: 824-LFGP-9

Lab ID#: 2509450A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.8	14	21	33
Chloroform	0.88	2.8	4.3	14

Client Sample ID: 824-LFGP-6

Lab ID#: 2509450A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	7.4	42	18	99

Client Sample ID: 824-LFGP-7

Lab ID#: 2509450A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.0	75	19	180
Chloroform	0.80	3.4	3.9	16

Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	9.4	26	22	62
Tetrachloroethene	0.94	63	6.4	430

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

Client Sample ID: 824-LFGP-3

Lab ID#: 2509450A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	8.4	23	20	55
Tetrachloroethene	0.84	68	5.7	460

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Client Sample ID: 824-LFGP-1

Lab ID#: 2509450A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092610**	**Date of Collection:**	**9/5/25 2:40:00 PM**
Dil. Factor:	**1.64**	**Date of Analysis:**	**9/26/25 01:16 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	6.3	Not Detected
1,1-Dichloroethene	0.82	Not Detected	3.2	Not Detected
Acetone	8.2	63	19	150
2-Propanol	3.3	8.0	8.1	20
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	9.7	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	1.4	4.0	6.8
1,1,1-Trichloroethane	0.82	Not Detected	4.5	Not Detected
Cyclohexane	0.82	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.82	Not Detected	5.2	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	3.4	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	3.4	Not Detected
Toluene	1.6	Not Detected	6.2	Not Detected
trans-1,3-Dichloropropene	0.82	Not Detected	3.7	Not Detected
1,1,2-Trichloroethane	0.82	Not Detected	4.5	Not Detected
Tetrachloroethene	0.82	Not Detected	5.6	Not Detected
2-Hexanone	3.3	Not Detected	13	Not Detected

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Client Sample ID: 824-LFGP-1

Lab ID#: 2509450A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092610**	**Date of Collection: 9/5/25 2:40:00 PM**	
Dil. Factor:	**1.64**	**Date of Analysis: 9/26/25 01:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.82	Not Detected	7.0	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	3.6	Not Detected
m,p-Xylene	1.6	Not Detected	7.1	Not Detected
o-Xylene	0.82	Not Detected	3.6	Not Detected
Styrene	0.82	Not Detected	3.5	Not Detected
Bromoform	0.82	Not Detected	8.5	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	0.93	4.9	5.6
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	8.6	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: 824-LFGP-4

Lab ID#: 2509450A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092608**	**Date of Collection:**	**9/5/25 2:55:00 PM**
Dil. Factor:	**1.70**	**Date of Analysis:**	**9/26/25 12:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.85	Not Detected	4.2	Not Detected
Freon 114	0.85	Not Detected	5.9	Not Detected
Chloromethane	8.5	Not Detected	18	Not Detected
Vinyl Chloride	0.85	Not Detected	2.2	Not Detected
1,3-Butadiene	0.85	Not Detected	1.9	Not Detected
Bromomethane	8.5	Not Detected	33	Not Detected
Chloroethane	3.4	Not Detected	9.0	Not Detected
Freon 11	0.85	Not Detected	4.8	Not Detected
Ethanol	8.5	20	16	37
Freon 113	0.85	Not Detected	6.5	Not Detected
1,1-Dichloroethene	0.85	Not Detected	3.4	Not Detected
Acetone	8.5	260	20	620
2-Propanol	3.4	10	8.4	25
Carbon Disulfide	3.4	Not Detected	10	Not Detected
3-Chloropropene	3.4	Not Detected	11	Not Detected
Methylene Chloride	8.5	Not Detected	30	Not Detected
Methyl tert-butyl ether	3.4	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.85	Not Detected	3.4	Not Detected
Hexane	0.85	Not Detected	3.0	Not Detected
1,1-Dichloroethane	0.85	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.4	8.2	10	24
cis-1,2-Dichloroethene	0.85	Not Detected	3.4	Not Detected
Tetrahydrofuran	0.85	Not Detected	2.5	Not Detected
Chloroform	0.85	Not Detected	4.2	Not Detected
1,1,1-Trichloroethane	0.85	Not Detected	4.6	Not Detected
Cyclohexane	0.85	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.85	Not Detected	5.3	Not Detected
2,2,4-Trimethylpentane	0.85	Not Detected	4.0	Not Detected
Benzene	0.85	Not Detected	2.7	Not Detected
1,2-Dichloroethane	0.85	Not Detected	3.4	Not Detected
Heptane	0.85	Not Detected	3.5	Not Detected
Trichloroethene	0.85	Not Detected	4.6	Not Detected
1,2-Dichloropropane	0.85	Not Detected	3.9	Not Detected
1,4-Dioxane	3.4	Not Detected	12	Not Detected
Bromodichloromethane	0.85	Not Detected	5.7	Not Detected
cis-1,3-Dichloropropene	0.85	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.85	Not Detected	3.5	Not Detected
Toluene	1.7	Not Detected	6.4	Not Detected
trans-1,3-Dichloropropene	0.85	Not Detected	3.8	Not Detected
1,1,2-Trichloroethane	0.85	Not Detected	4.6	Not Detected
Tetrachloroethene	0.85	Not Detected	5.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected

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Client Sample ID: 824-LFGP-4

Lab ID#: 2509450A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092608**	**Date of Collection:**	**9/5/25 2:55:00 PM**
Dil. Factor:	**1.70**	**Date of Analysis:**	**9/26/25 12:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.85	Not Detected	7.2	Not Detected
1,2-Dibromoethane (EDB)	0.85	Not Detected	6.5	Not Detected
Chlorobenzene	0.85	Not Detected	3.9	Not Detected
Ethyl Benzene	0.85	Not Detected	3.7	Not Detected
m,p-Xylene	1.7	Not Detected	7.4	Not Detected
o-Xylene	0.85	Not Detected	3.7	Not Detected
Styrene	0.85	Not Detected	3.6	Not Detected
Bromoform	0.85	Not Detected	8.8	Not Detected
Cumene	0.85	Not Detected	4.2	Not Detected
1,1,2,2-Tetrachloroethane	0.85	Not Detected	5.8	Not Detected
Propylbenzene	0.85	Not Detected	4.2	Not Detected
4-Ethyltoluene	0.85	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.85	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.85	Not Detected	4.2	Not Detected
1,3-Dichlorobenzene	0.85	Not Detected	5.1	Not Detected
1,4-Dichlorobenzene	0.85	Not Detected	5.1	Not Detected
alpha-Chlorotoluene	0.85	Not Detected	4.4	Not Detected
1,2-Dichlorobenzene	0.85	Not Detected	5.1	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected
Naphthalene	1.7	Not Detected	8.9	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 824-LFGP-2

Lab ID#: 2509450A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092611**	**Date of Collection:**	**9/5/25 1:25:00 PM**
Dil. Factor:	**1.67**	**Date of Analysis:**	**9/26/25 01:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.84	Not Detected	4.1	Not Detected
Freon 114	0.84	Not Detected	5.8	Not Detected
Chloromethane	8.4	Not Detected	17	Not Detected
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	8.4	Not Detected	32	Not Detected
Chloroethane	3.3	Not Detected	8.8	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	8.4	Not Detected	16	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Acetone	8.4	25	20	60
2-Propanol	3.3	18	8.2	45
Carbon Disulfide	3.3	Not Detected	10	Not Detected
3-Chloropropene	3.3	Not Detected	10	Not Detected
Methylene Chloride	8.4	Not Detected	29	Not Detected
Methyl tert-butyl ether	3.3	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Hexane	0.84	Not Detected	2.9	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.3	Not Detected	9.8	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Tetrahydrofuran	0.84	Not Detected	2.5	Not Detected
Chloroform	0.84	Not Detected	4.1	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.2	Not Detected
2,2,4-Trimethylpentane	0.84	Not Detected	3.9	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
1,2-Dichloroethane	0.84	Not Detected	3.4	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
Trichloroethene	0.84	Not Detected	4.5	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.8	Not Detected
1,4-Dioxane	3.3	Not Detected	12	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
Toluene	1.7	Not Detected	6.3	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
1,1,2-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Tetrachloroethene	0.84	12	5.7	82
2-Hexanone	3.3	Not Detected	14	Not Detected

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Client Sample ID: 824-LFGP-2

Lab ID#: 2509450A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092611**	**Date of Collection: 9/5/25 1:25:00 PM**	
Dil. Factor:	**1.67**	**Date of Analysis: 9/26/25 01:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.84	Not Detected	7.1	Not Detected
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.8	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	1.7	Not Detected	7.2	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.6	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.7	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.3	Not Detected	25	Not Detected
Hexachlorobutadiene	3.3	Not Detected	36	Not Detected
Naphthalene	1.7	Not Detected	8.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 824-LFGP-5

Lab ID#: 2509450A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092609**	**Date of Collection:**	**9/5/25 1:35:00 PM**
Dil. Factor:	**1.63**	**Date of Analysis:**	**9/26/25 12:49 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	20	19	47
2-Propanol	3.3	6.9	8.0	17
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	5.7	5.5	39
2-Hexanone	3.3	Not Detected	13	Not Detected

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Client Sample ID: 824-LFGP-5

Lab ID#: 2509450A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092609**	**Date of Collection:**	**9/5/25 1:35:00 PM**
Dil. Factor:	**1.63**	**Date of Analysis:**	**9/26/25 12:49 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	112	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 824-LFGP-8

Lab ID#: 2509450A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092612**	**Date of Collection:**	**9/5/25 1:50:00 PM**
Dil. Factor:	**1.75**	**Date of Analysis:**	**9/26/25 02:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.88	Not Detected	4.3	Not Detected
Freon 114	0.88	Not Detected	6.1	Not Detected
Chloromethane	8.8	Not Detected	18	Not Detected
Vinyl Chloride	0.88	Not Detected	2.2	Not Detected
1,3-Butadiene	0.88	Not Detected	1.9	Not Detected
Bromomethane	8.8	Not Detected	34	Not Detected
Chloroethane	3.5	Not Detected	9.2	Not Detected
Freon 11	0.88	Not Detected	4.9	Not Detected
Ethanol	8.8	Not Detected	16	Not Detected
Freon 113	0.88	Not Detected	6.7	Not Detected
1,1-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Acetone	8.8	14	21	33
2-Propanol	3.5	Not Detected	8.6	Not Detected
Carbon Disulfide	3.5	Not Detected	11	Not Detected
3-Chloropropene	3.5	Not Detected	11	Not Detected
Methylene Chloride	8.8	Not Detected	30	Not Detected
Methyl tert-butyl ether	3.5	Not Detected	13	Not Detected
trans-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Hexane	0.88	Not Detected	3.1	Not Detected
1,1-Dichloroethane	0.88	Not Detected	3.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.5	Not Detected	10	Not Detected
cis-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Tetrahydrofuran	0.88	Not Detected	2.6	Not Detected
Chloroform	0.88	1.7	4.3	8.3
1,1,1-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Cyclohexane	0.88	Not Detected	3.0	Not Detected
Carbon Tetrachloride	0.88	Not Detected	5.5	Not Detected
2,2,4-Trimethylpentane	0.88	Not Detected	4.1	Not Detected
Benzene	0.88	Not Detected	2.8	Not Detected
1,2-Dichloroethane	0.88	Not Detected	3.5	Not Detected
Heptane	0.88	Not Detected	3.6	Not Detected
Trichloroethene	0.88	Not Detected	4.7	Not Detected
1,2-Dichloropropane	0.88	Not Detected	4.0	Not Detected
1,4-Dioxane	3.5	Not Detected	13	Not Detected
Bromodichloromethane	0.88	Not Detected	5.9	Not Detected
cis-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
4-Methyl-2-pentanone	0.88	Not Detected	3.6	Not Detected
Toluene	1.8	Not Detected	6.6	Not Detected
trans-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
1,1,2-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Tetrachloroethene	0.88	5.1	5.9	34
2-Hexanone	3.5	Not Detected	14	Not Detected

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Client Sample ID: 824-LFGP-8

Lab ID#: 2509450A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092612**	**Date of Collection: 9/5/25 1:50:00 PM**	
Dil. Factor:	**1.75**	**Date of Analysis: 9/26/25 02:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.88	Not Detected	7.4	Not Detected
1,2-Dibromoethane (EDB)	0.88	Not Detected	6.7	Not Detected
Chlorobenzene	0.88	Not Detected	4.0	Not Detected
Ethyl Benzene	0.88	Not Detected	3.8	Not Detected
m,p-Xylene	1.8	Not Detected	7.6	Not Detected
o-Xylene	0.88	Not Detected	3.8	Not Detected
Styrene	0.88	Not Detected	3.7	Not Detected
Bromoform	0.88	Not Detected	9.0	Not Detected
Cumene	0.88	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	0.88	Not Detected	6.0	Not Detected
Propylbenzene	0.88	Not Detected	4.3	Not Detected
4-Ethyltoluene	0.88	Not Detected	4.3	Not Detected
1,3,5-Trimethylbenzene	0.88	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.88	Not Detected	4.3	Not Detected
1,3-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,4-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
alpha-Chlorotoluene	0.88	Not Detected	4.5	Not Detected
1,2-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,2,4-Trichlorobenzene	3.5	Not Detected	26	Not Detected
Hexachlorobutadiene	3.5	Not Detected	37	Not Detected
Naphthalene	1.8	Not Detected	9.2	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: 824-LFGP-9

Lab ID#: 2509450A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092613**	**Date of Collection:**	**9/8/25 1:30:00 PM**
Dil. Factor:	**1.76**	**Date of Analysis:**	**9/26/25 02:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.88	Not Detected	4.4	Not Detected
Freon 114	0.88	Not Detected	6.2	Not Detected
Chloromethane	8.8	Not Detected	18	Not Detected
Vinyl Chloride	0.88	Not Detected	2.2	Not Detected
1,3-Butadiene	0.88	Not Detected	1.9	Not Detected
Bromomethane	8.8	Not Detected	34	Not Detected
Chloroethane	3.5	Not Detected	9.3	Not Detected
Freon 11	0.88	Not Detected	4.9	Not Detected
Ethanol	8.8	Not Detected	16	Not Detected
Freon 113	0.88	Not Detected	6.7	Not Detected
1,1-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Acetone	8.8	14	21	33
2-Propanol	3.5	Not Detected	8.6	Not Detected
Carbon Disulfide	3.5	Not Detected	11	Not Detected
3-Chloropropene	3.5	Not Detected	11	Not Detected
Methylene Chloride	8.8	Not Detected	30	Not Detected
Methyl tert-butyl ether	3.5	Not Detected	13	Not Detected
trans-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Hexane	0.88	Not Detected	3.1	Not Detected
1,1-Dichloroethane	0.88	Not Detected	3.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.5	Not Detected	10	Not Detected
cis-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Tetrahydrofuran	0.88	Not Detected	2.6	Not Detected
Chloroform	0.88	2.8	4.3	14
1,1,1-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Cyclohexane	0.88	Not Detected	3.0	Not Detected
Carbon Tetrachloride	0.88	Not Detected	5.5	Not Detected
2,2,4-Trimethylpentane	0.88	Not Detected	4.1	Not Detected
Benzene	0.88	Not Detected	2.8	Not Detected
1,2-Dichloroethane	0.88	Not Detected	3.6	Not Detected
Heptane	0.88	Not Detected	3.6	Not Detected
Trichloroethene	0.88	Not Detected	4.7	Not Detected
1,2-Dichloropropane	0.88	Not Detected	4.1	Not Detected
1,4-Dioxane	3.5	Not Detected	13	Not Detected
Bromodichloromethane	0.88	Not Detected	5.9	Not Detected
cis-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
4-Methyl-2-pentanone	0.88	Not Detected	3.6	Not Detected
Toluene	1.8	Not Detected	6.6	Not Detected
trans-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
1,1,2-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Tetrachloroethene	0.88	Not Detected	6.0	Not Detected
2-Hexanone	3.5	Not Detected	14	Not Detected

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Client Sample ID: 824-LFGP-9

Lab ID#: 2509450A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092613**	**Date of Collection:**	**9/8/25 1:30:00 PM**
Dil. Factor:	**1.76**	**Date of Analysis:**	**9/26/25 02:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.88	Not Detected	7.5	Not Detected
1,2-Dibromoethane (EDB)	0.88	Not Detected	6.8	Not Detected
Chlorobenzene	0.88	Not Detected	4.0	Not Detected
Ethyl Benzene	0.88	Not Detected	3.8	Not Detected
m,p-Xylene	1.8	Not Detected	7.6	Not Detected
o-Xylene	0.88	Not Detected	3.8	Not Detected
Styrene	0.88	Not Detected	3.7	Not Detected
Bromoform	0.88	Not Detected	9.1	Not Detected
Cumene	0.88	Not Detected	4.3	Not Detected
1,1,2,2-Tetrachloroethane	0.88	Not Detected	6.0	Not Detected
Propylbenzene	0.88	Not Detected	4.3	Not Detected
4-Ethyltoluene	0.88	Not Detected	4.3	Not Detected
1,3,5-Trimethylbenzene	0.88	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.88	Not Detected	4.3	Not Detected
1,3-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,4-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
alpha-Chlorotoluene	0.88	Not Detected	4.6	Not Detected
1,2-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,2,4-Trichlorobenzene	3.5	Not Detected	26	Not Detected
Hexachlorobutadiene	3.5	Not Detected	38	Not Detected
Naphthalene	1.8	Not Detected	9.2	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 824-LFGP-6

Lab ID#: 2509450A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092614**	**Date of Collection: 9/5/25 2:55:00 PM**	
Dil. Factor:	**1.49**	**Date of Analysis: 9/26/25 03:07 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	42	18	99
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	Not Detected	5.0	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected

eurofins | Air Toxics

Client Sample ID: 824-LFGP-6

Lab ID#: 2509450A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092614**	**Date of Collection:**	**9/5/25 2:55:00 PM**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/26/25 03:07 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	103	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: 824-LFGP-7

Lab ID#: 2509450A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092615**	**Date of Collection:**	**9/5/25 2:50:00 PM**
Dil. Factor:	**1.59**	**Date of Analysis:**	**9/26/25 03:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.80	Not Detected	3.9	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	75	19	180
2-Propanol	3.2	Not Detected	7.8	Not Detected
Carbon Disulfide	3.2	Not Detected	9.9	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	11	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	2.3	Not Detected
Chloroform	0.80	3.4	3.9	16
1,1,1-Trichloroethane	0.80	Not Detected	4.3	Not Detected
Cyclohexane	0.80	Not Detected	2.7	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	2.5	Not Detected
1,2-Dichloroethane	0.80	Not Detected	3.2	Not Detected
Heptane	0.80	Not Detected	3.2	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	11	Not Detected
Bromodichloromethane	0.80	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.2	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	4.3	Not Detected
Tetrachloroethene	0.80	Not Detected	5.4	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected

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Client Sample ID: 824-LFGP-7

Lab ID#: 2509450A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092615**	**Date of Collection:**	**9/5/25 2:50:00 PM**
Dil. Factor:	**1.59**	**Date of Analysis:**	**9/26/25 03:35 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	3.6	Not Detected
Ethyl Benzene	0.80	Not Detected	3.4	Not Detected
m,p-Xylene	1.6	Not Detected	6.9	Not Detected
o-Xylene	0.80	Not Detected	3.4	Not Detected
Styrene	0.80	Not Detected	3.4	Not Detected
Bromoform	0.80	Not Detected	8.2	Not Detected
Cumene	0.80	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.4	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	8.3	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092616**	**Date of Collection:**	**9/5/25 12:55:00 PM**
Dil. Factor:	**1.88**	**Date of Analysis:**	**9/26/25 04:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.94	Not Detected	4.6	Not Detected
Freon 114	0.94	Not Detected	6.6	Not Detected
Chloromethane	9.4	Not Detected	19	Not Detected
Vinyl Chloride	0.94	Not Detected	2.4	Not Detected
1,3-Butadiene	0.94	Not Detected	2.1	Not Detected
Bromomethane	9.4	Not Detected	36	Not Detected
Chloroethane	3.8	Not Detected	9.9	Not Detected
Freon 11	0.94	Not Detected	5.3	Not Detected
Ethanol	9.4	Not Detected	18	Not Detected
Freon 113	0.94	Not Detected	7.2	Not Detected
1,1-Dichloroethene	0.94	Not Detected	3.7	Not Detected
Acetone	9.4	26	22	62
2-Propanol	3.8	Not Detected	9.2	Not Detected
Carbon Disulfide	3.8	Not Detected	12	Not Detected
3-Chloropropene	3.8	Not Detected	12	Not Detected
Methylene Chloride	9.4	Not Detected	33	Not Detected
Methyl tert-butyl ether	3.8	Not Detected	14	Not Detected
trans-1,2-Dichloroethene	0.94	Not Detected	3.7	Not Detected
Hexane	0.94	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.94	Not Detected	3.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.8	Not Detected	11	Not Detected
cis-1,2-Dichloroethene	0.94	Not Detected	3.7	Not Detected
Tetrahydrofuran	0.94	Not Detected	2.8	Not Detected
Chloroform	0.94	Not Detected	4.6	Not Detected
1,1,1-Trichloroethane	0.94	Not Detected	5.1	Not Detected
Cyclohexane	0.94	Not Detected	3.2	Not Detected
Carbon Tetrachloride	0.94	Not Detected	5.9	Not Detected
2,2,4-Trimethylpentane	0.94	Not Detected	4.4	Not Detected
Benzene	0.94	Not Detected	3.0	Not Detected
1,2-Dichloroethane	0.94	Not Detected	3.8	Not Detected
Heptane	0.94	Not Detected	3.8	Not Detected
Trichloroethene	0.94	Not Detected	5.0	Not Detected
1,2-Dichloropropane	0.94	Not Detected	4.3	Not Detected
1,4-Dioxane	3.8	Not Detected	14	Not Detected
Bromodichloromethane	0.94	Not Detected	6.3	Not Detected
cis-1,3-Dichloropropene	0.94	Not Detected	4.3	Not Detected
4-Methyl-2-pentanone	0.94	Not Detected	3.8	Not Detected
Toluene	1.9	Not Detected	7.1	Not Detected
trans-1,3-Dichloropropene	0.94	Not Detected	4.3	Not Detected
1,1,2-Trichloroethane	0.94	Not Detected	5.1	Not Detected
Tetrachloroethene	0.94	63	6.4	430
2-Hexanone	3.8	Not Detected	15	Not Detected

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Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092616**	**Date of Collection:**	**9/5/25 12:55:00 PM**
Dil. Factor:	**1.88**	**Date of Analysis:**	**9/26/25 04:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.94	Not Detected	8.0	Not Detected
1,2-Dibromoethane (EDB)	0.94	Not Detected	7.2	Not Detected
Chlorobenzene	0.94	Not Detected	4.3	Not Detected
Ethyl Benzene	0.94	Not Detected	4.1	Not Detected
m,p-Xylene	1.9	Not Detected	8.2	Not Detected
o-Xylene	0.94	Not Detected	4.1	Not Detected
Styrene	0.94	Not Detected	4.0	Not Detected
Bromoform	0.94	Not Detected	9.7	Not Detected
Cumene	0.94	Not Detected	4.6	Not Detected
1,1,2,2-Tetrachloroethane	0.94	Not Detected	6.4	Not Detected
Propylbenzene	0.94	Not Detected	4.6	Not Detected
4-Ethyltoluene	0.94	Not Detected	4.6	Not Detected
1,3,5-Trimethylbenzene	0.94	Not Detected	4.6	Not Detected
1,2,4-Trimethylbenzene	0.94	Not Detected	4.6	Not Detected
1,3-Dichlorobenzene	0.94	Not Detected	5.6	Not Detected
1,4-Dichlorobenzene	0.94	Not Detected	5.6	Not Detected
alpha-Chlorotoluene	0.94	Not Detected	4.9	Not Detected
1,2-Dichlorobenzene	0.94	Not Detected	5.6	Not Detected
1,2,4-Trichlorobenzene	3.8	Not Detected	28	Not Detected
Hexachlorobutadiene	3.8	Not Detected	40	Not Detected
Naphthalene	1.9	Not Detected	9.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: 824-LFGP-3

Lab ID#: 2509450A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092617**	**Date of Collection:**	**9/5/25 12:55:00 PM**
Dil. Factor:	**1.68**	**Date of Analysis:**	**9/26/25 04:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	8.4	Not Detected	17	Not Detected
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	8.4	Not Detected	33	Not Detected
Chloroethane	3.4	Not Detected	8.9	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	8.4	Not Detected	16	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Acetone	8.4	23	20	55
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
3-Chloropropene	3.4	Not Detected	10	Not Detected
Methylene Chloride	8.4	Not Detected	29	Not Detected
Methyl tert-butyl ether	3.4	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Hexane	0.84	Not Detected	3.0	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.4	Not Detected	9.9	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Tetrahydrofuran	0.84	Not Detected	2.5	Not Detected
Chloroform	0.84	Not Detected	4.1	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
2,2,4-Trimethylpentane	0.84	Not Detected	3.9	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
1,2-Dichloroethane	0.84	Not Detected	3.4	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
Trichloroethene	0.84	Not Detected	4.5	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	3.4	Not Detected	12	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
Toluene	1.7	Not Detected	6.3	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
1,1,2-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Tetrachloroethene	0.84	68	5.7	460
2-Hexanone	3.4	Not Detected	14	Not Detected

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Client Sample ID: 824-LFGP-3

Lab ID#: 2509450A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092617**	**Date of Collection: 9/5/25 12:55:00 PM**	
Dil. Factor:	**1.68**	**Date of Analysis: 9/26/25 04:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	1.7	Not Detected	7.3	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected
Naphthalene	1.7	Not Detected	8.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2509450A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092606c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 10:43 AM**	

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

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Client Sample ID: Lab Blank

Lab ID#: 2509450A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092606c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 10:43 AM**	

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	114	70-130
4-Bromofluorobenzene	87	70-130

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Client Sample ID: CCV

Lab ID#: 2509450A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092603**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 09:26 AM**

Compound	%Recovery
Freon 12	114
Freon 114	97
Chloromethane	110
Vinyl Chloride	103
1,3-Butadiene	100
Bromomethane	99
Chloroethane	101
Freon 11	107
Ethanol	82
Freon 113	98
1,1-Dichloroethene	95
Acetone	95
2-Propanol	91
Carbon Disulfide	88
3-Chloropropene	95
Methylene Chloride	116
Methyl tert-butyl ether	99
trans-1,2-Dichloroethene	99
Hexane	97
1,1-Dichloroethane	105
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	95
Tetrahydrofuran	102
Chloroform	106
1,1,1-Trichloroethane	103
Cyclohexane	97
Carbon Tetrachloride	104
2,2,4-Trimethylpentane	101
Benzene	109
1,2-Dichloroethane	118
Heptane	79
Trichloroethene	104
1,2-Dichloropropane	104
1,4-Dioxane	98
Bromodichloromethane	109
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	94
Toluene	104
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	103
Tetrachloroethene	98
2-Hexanone	100

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Client Sample ID: CCV

Lab ID#: 2509450A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 09:26 AM**	

Compound	%Recovery
Dibromochloromethane	104
1,2-Dibromoethane (EDB)	103
Chlorobenzene	101
Ethyl Benzene	101
m,p-Xylene	102
o-Xylene	99
Styrene	103
Bromoform	98
Cumene	98
1,1,2,2-Tetrachloroethane	107
Propylbenzene	99
4-Ethyltoluene	101
1,3,5-Trimethylbenzene	94
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	101
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	90
Hexachlorobutadiene	89
Naphthalene	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCS

Lab ID#: 2509450A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 09:51 AM**	

Compound	%Recovery	Method Limits
Freon 12	118	70-130
Freon 114	101	70-130
Chloromethane	121	70-130
Vinyl Chloride	111	70-130
1,3-Butadiene	106	70-130
Bromomethane	107	70-130
Chloroethane	107	70-130
Freon 11	114	70-130
Ethanol	104	70-130
Freon 113	99	70-130
1,1-Dichloroethene	96	70-130
Acetone	93	70-130
2-Propanol	117	70-130
Carbon Disulfide	94	70-130
3-Chloropropene	96	70-130
Methylene Chloride	117	70-130
Methyl tert-butyl ether	104	70-130
trans-1,2-Dichloroethene	104	70-130
Hexane	98	70-130
1,1-Dichloroethane	110	70-130
2-Butanone (Methyl Ethyl Ketone)	103	70-130
cis-1,2-Dichloroethene	99	70-130
Tetrahydrofuran	110	70-130
Chloroform	106	70-130
1,1,1-Trichloroethane	111	70-130
Cyclohexane	102	70-130
Carbon Tetrachloride	104	70-130
2,2,4-Trimethylpentane	105	70-130
Benzene	117	70-130
1,2-Dichloroethane	127	70-130
Heptane	82	70-130
Trichloroethene	110	70-130
1,2-Dichloropropane	113	70-130
1,4-Dioxane	107	70-130
Bromodichloromethane	116	70-130
cis-1,3-Dichloropropene	114	70-130
4-Methyl-2-pentanone	101	70-130
Toluene	110	70-130
trans-1,3-Dichloropropene	105	70-130
1,1,2-Trichloroethane	106	70-130
Tetrachloroethene	101	70-130
2-Hexanone	97	70-130

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Client Sample ID: LCS

Lab ID#: 2509450A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 09:51 AM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	105	70-130
1,2-Dibromoethane (EDB)	104	70-130
Chlorobenzene	102	70-130
Ethyl Benzene	102	70-130
m,p-Xylene	102	70-130
o-Xylene	97	70-130
Styrene	106	70-130
Bromoform	98	70-130
Cumene	97	70-130
1,1,2,2-Tetrachloroethane	106	70-130
Propylbenzene	95	70-130
4-Ethyltoluene	100	70-130
1,3,5-Trimethylbenzene	95	70-130
1,2,4-Trimethylbenzene	103	70-130
1,3-Dichlorobenzene	102	70-130
1,4-Dichlorobenzene	97	70-130
alpha-Chlorotoluene	100	70-130
1,2-Dichlorobenzene	98	70-130
1,2,4-Trichlorobenzene	104	70-130
Hexachlorobutadiene	101	70-130
Naphthalene	86	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCSD

Lab ID#: 2509450A-13AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 10:17 AM**	

Compound	%Recovery	Method Limits
Freon 12	116	70-130
Freon 114	103	70-130
Chloromethane	120	70-130
Vinyl Chloride	111	70-130
1,3-Butadiene	108	70-130
Bromomethane	104	70-130
Chloroethane	113	70-130
Freon 11	114	70-130
Ethanol	110	70-130
Freon 113	104	70-130
1,1-Dichloroethene	98	70-130
Acetone	100	70-130
2-Propanol	124	70-130
Carbon Disulfide	94	70-130
3-Chloropropene	93	70-130
Methylene Chloride	118	70-130
Methyl tert-butyl ether	106	70-130
trans-1,2-Dichloroethene	105	70-130
Hexane	100	70-130
1,1-Dichloroethane	113	70-130
2-Butanone (Methyl Ethyl Ketone)	108	70-130
cis-1,2-Dichloroethene	102	70-130
Tetrahydrofuran	115	70-130
Chloroform	111	70-130
1,1,1-Trichloroethane	113	70-130
Cyclohexane	103	70-130
Carbon Tetrachloride	111	70-130
2,2,4-Trimethylpentane	109	70-130
Benzene	114	70-130
1,2-Dichloroethane	126	70-130
Heptane	82	70-130
Trichloroethene	105	70-130
1,2-Dichloropropane	110	70-130
1,4-Dioxane	110	70-130
Bromodichloromethane	114	70-130
cis-1,3-Dichloropropene	111	70-130
4-Methyl-2-pentanone	93	70-130
Toluene	108	70-130
trans-1,3-Dichloropropene	108	70-130
1,1,2-Trichloroethane	107	70-130
Tetrachloroethene	102	70-130
2-Hexanone	102	70-130

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Client Sample ID: LCSD

Lab ID#: 2509450A-13AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/26/25 10:17 AM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	107	70-130
1,2-Dibromoethane (EDB)	105	70-130
Chlorobenzene	104	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	102	70-130
o-Xylene	103	70-130
Styrene	108	70-130
Bromoform	98	70-130
Cumene	98	70-130
1,1,2,2-Tetrachloroethane	108	70-130
Propylbenzene	98	70-130
4-Ethyltoluene	100	70-130
1,3,5-Trimethylbenzene	97	70-130
1,2,4-Trimethylbenzene	103	70-130
1,3-Dichlorobenzene	101	70-130
1,4-Dichlorobenzene	97	70-130
alpha-Chlorotoluene	104	70-130
1,2-Dichlorobenzene	98	70-130
1,2,4-Trichlorobenzene	106	70-130
Hexachlorobutadiene	104	70-130
Naphthalene	87	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	97	70-130

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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

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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

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Analytical Report

9/25/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name:
Project #: 23050630
Workorder #: 2509450B

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 9/11/2025 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

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WORK ORDER #: 2509450B

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 #**	23050630
DATE RECEIVED:	09/11/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	09/25/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	824-LFGP-1	Modified ASTM D-1946	9.4 "Hg	1.9 psi
02A	824-LFGP-4	Modified ASTM D-1946	10 "Hg	2 psi
03A	824-LFGP-2	Modified ASTM D-1946	9.8 "Hg	1.8 psi
04A	824-LFGP-5	Modified ASTM D-1946	9.2 "Hg	1.9 psi
05A	824-LFGP-8	Modified ASTM D-1946	10.6 "Hg	1.9 psi
06A	824-LFGP-9	Modified ASTM D-1946	10.8 "Hg	1.9 psi
07A	824-LFGP-6	Modified ASTM D-1946	7.3 "Hg	1.9 psi
08A	824-LFGP-7	Modified ASTM D-1946	8.8 "Hg	1.8 psi
09A	824-LFGP-DUP	Modified ASTM D-1946	12 "Hg	1.9 psi
10A	824-LFGP-3	Modified ASTM D-1946	10 "Hg	1.8 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: 09/25/25

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.

LABORATORY NARRATIVE
Modified ASTM D-1946
S & ME, Inc.
Workorder# 2509450B

Ten 6 Liter Summa Canister samples were received on September 11, 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-1 and 824-LFGP-3 did not match the information on the canister with regard to canister barcode. The sample labeled 6L4384 and 6L2456 on the COC is labeled as 1046 and 2456 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the samples.

The Chain of Custody contained incorrect method information. The laboratory proceeded with the analysis as per the original contract or verbal agreement.

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

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

Client Sample ID: 824-LFGP-1

Lab ID#: 2509450B-01A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00039

Client Sample ID: 824-LFGP-4

Lab ID#: 2509450B-02A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00020

Client Sample ID: 824-LFGP-2

Lab ID#: 2509450B-03A

No Detections Were Found.

Client Sample ID: 824-LFGP-5

Lab ID#: 2509450B-04A

No Detections Were Found.

Client Sample ID: 824-LFGP-8

Lab ID#: 2509450B-05A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00018	0.00022

Client Sample ID: 824-LFGP-9

Lab ID#: 2509450B-06A

No Detections Were Found.

Client Sample ID: 824-LFGP-6

Lab ID#: 2509450B-07A

No Detections Were Found.

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

Client Sample ID: 824-LFGP-7

Lab ID#: 2509450B-08A

No Detections Were Found.

Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450B-09A

No Detections Were Found.

Client Sample ID: 824-LFGP-3

Lab ID#: 2509450B-10A

No Detections Were Found.

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Client Sample ID: 824-LFGP-1

Lab ID#: 2509450B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092505**	**Date of Collection: 9/5/25 2:40:00 PM**	
Dil. Factor:	**1.64**	**Date of Analysis: 9/25/25 07:54 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00039

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-4

Lab ID#: 2509450B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092506**	**Date of Collection: 9/5/25 2:55:00 PM**	
Dil. Factor:	**1.70**	**Date of Analysis: 9/25/25 08:19 AM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00020

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-2

Lab ID#: 2509450B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092507**	**Date of Collection: 9/5/25 1:25:00 PM**	
Dil. Factor:	**1.67**	**Date of Analysis: 9/25/25 08:44 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00017	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-5

Lab ID#: 2509450B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092508**	**Date of Collection: 9/5/25 1:35:00 PM**	
Dil. Factor:	**1.63**	**Date of Analysis: 9/25/25 09:07 AM**	

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

Container Type: 6 Liter Summa Canister

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Client Sample ID: 824-LFGP-8

Lab ID#: 2509450B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092509**	**Date of Collection:**	**9/5/25 1:50:00 PM**
Dil. Factor:	**1.75**	**Date of Analysis:**	**9/25/25 09:32 AM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00018	0.00022

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-9

Lab ID#: 2509450B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092510**	**Date of Collection: 9/8/25 1:30:00 PM**	
Dil. Factor:	**1.77**	**Date of Analysis: 9/25/25 09:56 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00018	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-6

Lab ID#: 2509450B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092511**	**Date of Collection: 9/5/25 2:55:00 PM**	
Dil. Factor:	**1.50**	**Date of Analysis: 9/25/25 10:20 AM**	

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

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-7

Lab ID#: 2509450B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092512**	**Date of Collection: 9/5/25 2:50:00 PM**	
Dil. Factor:	**1.59**	**Date of Analysis: 9/25/25 10:43 AM**	

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

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-DUP

Lab ID#: 2509450B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092513**	**Date of Collection:**	**9/5/25 12:55:00 PM**
Dil. Factor:	**1.89**	**Date of Analysis:**	**9/25/25 11:13 AM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00019	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 824-LFGP-3

Lab ID#: 2509450B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092514**	**Date of Collection: 9/5/25 12:55:00 PM**	
Dil. Factor:	**1.68**	**Date of Analysis: 9/25/25 11:37 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00017	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2509450B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/25 07:26 AM**	

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

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2509450B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092501**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/25 08:47 PM**

Compound	%Recovery
Methane	94

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2509450B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/25 09:11 PM**	

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2509450B-13AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11092503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/25/25 07:00 AM**	

Compound	%Recovery	Method Limits
Methane	95	85-115

Container Type: NA - Not Applicable

eurofins | Air Toxics

Method : Modified ASTM D-1946 (Sh)-CH4 only

CAS Number	Compound	Rpt. Limit (%)
74-82-8	Methane	0.00010

Appendix V– NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	12/8/2025
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
150		67-64-1	Acetone			ug/m^3	LFGP-1									
6.8		67-66-3	Chloroform			ug/m^3	LFGP-1									
20		67-63-0	Isopropanol			ug/m^3	LFGP-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	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	1.7E-06	1.0E-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	1.3E-07	8.2E-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-1 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	150	4.5	-	-		
67-66-3	Chloroform	6.8	0.204	1.2E-01	4.1E-01	**1.7E-06**	1.0E-01
67-63-0	Isopropanol	20	0.6	-	4.2E+01		2.9E-03
					Cumulative:	1.7E-06	1.0E-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
67-64-1	Acetone	150	1.5	-	-		
67-66-3	Chloroform	6.8	0.068	5.3E-01	1.7E+00	1.3E-07	8.0E-03
67-63-0	Isopropanol	20	0.2	-	1.8E+02		2.3E-04
					Cumulative:	1.3E-07	8.2E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	12/8/2025
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
60		67-64-1	Acetone			ug/m^3	LFGP-2									
45		67-63-0	Isopropanol			ug/m^3	LFGP-2									
82		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	2.3E-07	6.5E-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	1.7E-08	5.2E-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-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	60	1.8	-	-		
67-63-0	Isopropanol	45	1.35	-	4.2E+01		6.5E-03
127-18-4	Tetrachloroethylene	82	2.46	1.1E+01	8.3E+00	2.3E-07	5.9E-02
					Cumulative:	2.3E-07	6.5E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	60	0.6	-	-		
67-63-0	Isopropanol	45	0.45	-	1.8E+02		5.1E-04
127-18-4	Tetrachloroethylene	82	0.82	4.7E+01	3.5E+01	1.7E-08	4.7E-03
					Cumulative:	1.7E-08	5.2E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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 Risk Assessment
Submittal Date:	12/8/2025
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 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Duplicate Sample 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
62		67-64-1	Acetone			ug/m^3	LFGP-DUP									
460		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 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	1.3E-06	3.3E-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	9.8E-08	2.6E-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 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	62	1.86	-	-		
127-18-4	Tetrachloroethylene	460	13.8	1.1E+01	8.3E+00	**1.3E-06**	**3.3E-01**
					Cumulative:	1.3E-06	3.3E-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-3 and LFGP-DUP Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	62	0.62	-	-		
127-18-4	Tetrachloroethylene	460	4.6	4.7E+01	3.5E+01	9.8E-08	2.6E-02
					Cumulative:	9.8E-08	2.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
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:	12/8/2025
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
620		67-64-1	Acetone			ug/m^3	LFGP-4									
25		67-63-0	Isopropanol			ug/m^3	LFGP-4									
24		78-93-3	Methyl Ethyl Ketone (2-Butanone)			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	3.7E-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	3.0E-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
67-64-1	Acetone	620	18.6	-	-		
67-63-0	Isopropanol	25	0.75	-	4.2E+01		3.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	24	0.72	-	1.0E+03		1.4E-04
					Cumulative:	0.0E+00	3.7E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	620	6.2	-	-		
67-63-0	Isopropanol	25	0.25	-	1.8E+02		2.9E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	24	0.24	-	4.4E+03		1.1E-05
					Cumulative:	0.0E+00	3.0E-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:	12/9/2025
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
47		67-64-1	Acetone			ug/m^3	LFGP-5									
17		67-63-0	Isopropanol			ug/m^3	LFGP-5									
39		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	1.1E-07	3.0E-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	8.3E-09	2.4E-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
67-64-1	Acetone	47	1.41	-	-		
67-63-0	Isopropanol	17	0.51	-	4.2E+01		2.4E-03
127-18-4	Tetrachloroethylene	39	1.17	1.1E+01	8.3E+00	1.1E-07	2.8E-02
					Cumulative:	1.1E-07	3.0E-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
67-64-1	Acetone	47	0.47	-	-		
67-63-0	Isopropanol	17	0.17	-	1.8E+02		1.9E-04
127-18-4	Tetrachloroethylene	39	0.39	4.7E+01	3.5E+01	8.3E-09	2.2E-03
					Cumulative:	8.3E-09	2.4E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-6 Risk Assessment
Submittal Date:	12/9/2025
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-6 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
99		67-64-1	Acetone			ug/m^3	LFGP-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	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	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 - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	99	2.97	-	-		
					Cumulative:	0.0E+00	0.0E+00

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	99	0.99	-	-		
					Cumulative:	0.0E+00	0.0E+00

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	LFGP-7 Risk Assessment
Submittal Date:	12/9/2025
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-7 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
180		67-64-1	Acetone			ug/m^3	LFGP-7									
16		67-66-3	Chloroform			ug/m^3	LFGP-7									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	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	3.9E-06	2.4E-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	3.0E-07	1.9E-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-7 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	180	5.4	-	-		
67-66-3	Chloroform	16	0.48	1.2E-01	4.1E-01	**3.9E-06**	**2.4E-01**
					Cumulative:	3.9E-06	2.4E-01

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-7 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	180	1.8	-	-		
67-66-3	Chloroform	16	0.16	5.3E-01	1.7E+00	3.0E-07	1.9E-02
					Cumulative:	3.0E-07	1.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	12/9/2025
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
33		67-64-1	Acetone			ug/m^3	LFGP-8									
8.3		67-66-3	Chloroform			ug/m^3	LFGP-8									
34		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	2.1E-06	1.5E-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	1.6E-07	1.2E-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-8 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	33	0.99	-	-		
67-66-3	Chloroform	8.3	0.249	1.2E-01	4.1E-01	**2.0E-06**	1.2E-01
127-18-4	Tetrachloroethylene	34	1.02	1.1E+01	8.3E+00	9.4E-08	2.4E-02
					Cumulative:	2.1E-06	1.5E-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-8 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	33	0.33	-	-		
67-66-3	Chloroform	8.3	0.083	5.3E-01	1.7E+00	1.6E-07	9.7E-03
127-18-4	Tetrachloroethylene	34	0.34	4.7E+01	3.5E+01	7.2E-09	1.9E-03
					Cumulative:	1.6E-07	1.2E-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:	LFGP-9 Risk Assessment
Submittal Date:	12/9/2025
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
33		67-64-1	Acetone			ug/m^3	LFGP-9									
14		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	3.4E-06	2.1E-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	2.6E-07	1.6E-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-9 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	33	0.99	-	-		
67-66-3	Chloroform	14	0.42	1.2E-01	4.1E-01	**3.4E-06**	**2.1E-01**
					Cumulative:	3.4E-06	2.1E-01

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: LFGP-9 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	33	0.33	-	-		
67-66-3	Chloroform	14	0.14	5.3E-01	1.7E+00	2.6E-07	1.6E-02
					Cumulative:	2.6E-07	1.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
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:	11/24/2025
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
0.5	J	7440-36-0	Antimony (metallic)			ug/L	SW-1									
1.07	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-1									
31.8		7440-39-3	Barium			ug/L	SW-1									
0.305	J	7440-48-4	Cobalt			ug/L	SW-1									
11.2		7440-50-8	Copper			ug/L	SW-1									
3.12		7439-92-1	~Lead and Compounds			ug/L	SW-1									
35.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.67	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
0.747		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
21.5		7440-66-6	Zinc and Compounds			ug/L	SW-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	9.4E-07	4.2E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-1 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.5	0.5				4.9E-03	1.7E-03	6.7E-03
7440-38-2	Arsenic, Inorganic	1.07	1.07	8.5E-07	8.4E-08	9.4E-07	1.4E-02	7.5E-04	1.5E-02
7440-39-3	Barium	31.8	31.8				6.3E-04	4.8E-04	1.1E-03
7440-48-4	Cobalt	0.305	0.305				4.0E-03	8.5E-05	4.1E-03
7440-50-8	Copper	11.2	11.2				1.1E-03	5.9E-05	1.2E-03
7439-92-1	~Lead and Compounds	3.12	3.12						
7439-96-5	Manganese (Non-diet)	35.6	35.6				5.9E-03	7.8E-03	1.4E-02
7440-02-0	Nickel Soluble Salts	1.67	1.67				3.3E-04	8.7E-05	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	0.747	0.747				1.8E-06	9.8E-08	1.9E-06
7440-66-6	Zinc and Compounds	21.5	21.5				2.8E-04	9.0E-06	2.9E-04
					Cumulative:	9.4E-07			4.2E-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-2 Risk Assessment
Submittal Date:	11/24/2025
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
0.485	J	7440-36-0	Antimony (metallic)			ug/L	SW-2									
1.06	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-2									
23.4		7440-39-3	Barium			ug/L	SW-2									
1.27	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-2									
0.915	J	7440-48-4	Cobalt			ug/L	SW-2									
13		7440-50-8	Copper			ug/L	SW-2									
3.69		7439-92-1	~Lead and Compounds			ug/L	SW-2									
29.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
2.69	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
0.604		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
2.39	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
26.7		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	9.3E-07	5.4E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-36-0	Antimony (metallic)	0.485	0.485				4.8E-03	1.7E-03	6.5E-03
7440-38-2	Arsenic, Inorganic	1.06	1.06	8.5E-07	8.4E-08	9.3E-07	1.4E-02	7.4E-04	1.5E-02
7440-39-3	Barium	23.4	23.4				4.6E-04	3.5E-04	8.1E-04
16065-83-1	Chromium(III), Insoluble Salts	1.27	1.27				3.3E-06	1.4E-05	1.7E-05
7440-48-4	Cobalt	0.915	0.915				1.2E-02	2.6E-04	1.2E-02
7440-50-8	Copper	13	13				1.3E-03	6.8E-05	1.4E-03
7439-92-1	~Lead and Compounds	3.69	3.69						
7439-96-5	Manganese (Non-diet)	29.8	29.8				4.9E-03	6.5E-03	1.1E-02
7440-02-0	Nickel Soluble Salts	2.69	2.69				5.3E-04	1.4E-04	6.7E-04
14797-55-8	Nitrate (measured as nitrogen)	0.604	0.604				1.5E-06	7.9E-08	1.6E-06
7440-62-2	Vanadium and Compounds	2.39	2.39				1.9E-03	3.8E-03	5.7E-03
7440-66-6	Zinc and Compounds	26.7	26.7				3.5E-04	1.1E-05	3.6E-04
					Cumulative:	9.3E-07			5.4E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	11/24/2025
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
45.6		7440-39-3	Barium			ug/L	SW-3									
8.9		7440-50-8	Copper			ug/L	SW-3									
1.67		7439-92-1	~Lead and Compounds			ug/L	SW-3									
27.7		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
1.84	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
0.915		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
1.75	J	7440-62-2	Vanadium and Compounds			ug/L	SW-3									
18		7440-66-6	Zinc and Compounds			ug/L	SW-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	1.8E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-39-3	Barium	45.6	45.6				9.0E-04	6.8E-04	1.6E-03
7440-50-8	Copper	8.9	8.9				8.8E-04	4.7E-05	9.2E-04
7439-92-1	~Lead and Compounds	1.67	1.67						
7439-96-5	Manganese (Non-diet)	27.7	27.7				4.6E-03	6.0E-03	1.1E-02
7440-02-0	Nickel Soluble Salts	1.84	1.84				3.6E-04	9.6E-05	4.6E-04
14797-55-8	Nitrate (measured as nitrogen)	0.915	0.915				2.3E-06	1.2E-07	2.4E-06
7440-62-2	Vanadium and Compounds	1.75	1.75				1.4E-03	2.8E-03	4.2E-03
7440-66-6	Zinc and Compounds	18	18				2.4E-04	7.5E-06	2.4E-04
					Cumulative:	0.0E+00			1.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	11/24/2025
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
44		7440-39-3	Barium			ug/L	SW-4									
8.15		7440-50-8	Copper			ug/L	SW-4									
1.33		7439-92-1	~Lead and Compounds			ug/L	SW-4									
21.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
1.71	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
1.07		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-4									
1.69	J	7440-62-2	Vanadium and Compounds			ug/L	SW-4									
16.9		7440-66-6	Zinc and Compounds			ug/L	SW-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	1.5E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-4 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	44	44				8.7E-04	6.6E-04	1.5E-03
7440-50-8	Copper	8.15	8.15				8.0E-04	4.3E-05	8.5E-04
7439-92-1	~Lead and Compounds	1.33	1.33						
7439-96-5	Manganese (Non-diet)	21.5	21.5				3.5E-03	4.7E-03	8.2E-03
7440-02-0	Nickel Soluble Salts	1.71	1.71				3.4E-04	8.9E-05	4.3E-04
14797-55-8	Nitrate (measured as nitrogen)	1.07	1.07				2.6E-06	1.4E-07	2.8E-06
7440-62-2	Vanadium and Compounds	1.69	1.69				1.3E-03	2.7E-03	4.0E-03
7440-66-6	Zinc and Compounds	16.9	16.9				2.2E-04	7.1E-06	2.3E-04
					Cumulative:	0.0E+00			1.5E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SW-5 Risk Assessment
Submittal Date:	11/24/2025
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 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
0.455	J	7440-36-0	Antimony (metallic)			ug/L	SW-5									
1.14	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-5									
23.7		7440-39-3	Barium			ug/L	SW-5									
1.22	J	16065-83-1	Chromium(III), Insoluble Salts			ug/L	SW-5									
0.365	J	7440-48-4	Cobalt			ug/L	SW-5									
12.3		7440-50-8	Copper			ug/L	SW-5									
5.09		7439-92-1	~Lead and Compounds			ug/L	SW-5									
19		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
1.82	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
0.481		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-5									
1.78	J	7440-62-2	Vanadium and Compounds			ug/L	SW-5									
24.4		7440-66-6	Zinc and Compounds			ug/L	SW-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	1.0E-06	4.1E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-5 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.455	0.455				4.5E-03	1.6E-03	6.1E-03
7440-38-2	Arsenic, Inorganic	1.14	1.14	9.1E-07	9.0E-08	1.0E-06	1.5E-02	8.0E-04	1.6E-02
7440-39-3	Barium	23.7	23.7				4.7E-04	3.5E-04	8.2E-04
16065-83-1	Chromium(III), Insoluble Salts	1.22	1.22				3.2E-06	1.3E-05	1.6E-05
7440-48-4	Cobalt	0.365	0.365				4.8E-03	1.0E-04	4.9E-03
7440-50-8	Copper	12.3	12.3				1.2E-03	6.4E-05	1.3E-03
7439-92-1	~Lead and Compounds	5.09	5.09						
7439-96-5	Manganese (Non-diet)	19	19				3.1E-03	4.1E-03	7.3E-03
7440-02-0	Nickel Soluble Salts	1.82	1.82				3.6E-04	9.5E-05	4.5E-04
14797-55-8	Nitrate (measured as nitrogen)	0.481	0.481				1.2E-06	6.3E-08	1.2E-06
7440-62-2	Vanadium and Compounds	1.78	1.78				1.4E-03	2.8E-03	4.2E-03
7440-66-6	Zinc and Compounds	24.4	24.4				3.2E-04	1.0E-05	3.3E-04
					Cumulative:	1.0E-06			4.1E-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 and SW-DUP Risk Assessment
Submittal Date:	11/24/2025
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 and SW-DUP Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Duplicate Sample was taken here at SW-6. 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
0.475	J	7440-36-0	Antimony (metallic)			ug/L	SW-6									
0.915	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-6									
24.1		7440-39-3	Barium			ug/L	SW-6									
0.555		7440-48-4	Cobalt			ug/L	SW-6									
12.6		7440-50-8	Copper			ug/L	SW-6									
3.66		7439-92-1	~Lead and Compounds			ug/L	SW-6									
25.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
2.03	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
0.563		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-6									
2.18	J	7440-62-2	Vanadium and Compounds			ug/L	SW-6									
25.7		7440-66-6	Zinc and Compounds			ug/L	SW-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-6 and SW-DUP Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	8.0E-07	4.4E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-6 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
7440-36-0	Antimony (metallic)	0.475	0.475				4.7E-03	1.7E-03	6.3E-03
7440-38-2	Arsenic, Inorganic	0.915	0.915	7.3E-07	7.2E-08	8.0E-07	1.2E-02	6.4E-04	1.3E-02
7440-39-3	Barium	24.1	24.1				4.8E-04	3.6E-04	8.4E-04
7440-48-4	Cobalt	0.555	0.555				7.3E-03	1.5E-04	7.5E-03
7440-50-8	Copper	12.6	12.6				1.2E-03	6.6E-05	1.3E-03
7439-92-1	~Lead and Compounds	3.66	3.66						
7439-96-5	Manganese (Non-diet)	25.6	25.6				4.2E-03	5.6E-03	9.8E-03
7440-02-0	Nickel Soluble Salts	2.03	2.03				4.0E-04	1.1E-04	5.1E-04
14797-55-8	Nitrate (measured as nitrogen)	0.563	0.563				1.4E-06	7.4E-08	1.5E-06
7440-62-2	Vanadium and Compounds	2.18	2.18				1.7E-03	3.5E-03	5.2E-03
7440-66-6	Zinc and Compounds	25.7	25.7				3.4E-04	1.1E-05	3.5E-04
					Cumulative:	8.0E-07			4.4E-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-7 Risk Assessment
Submittal Date:	11/24/2025
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
46.6		7440-39-3	Barium			ug/L	SW-7									
9.12		7440-50-8	Copper			ug/L	SW-7									
1.49		7439-92-1	~Lead and Compounds			ug/L	SW-7									
28.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.94	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
1		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-7									
1.55	J	7440-62-2	Vanadium and Compounds			ug/L	SW-7									
26.1		7440-66-6	Zinc and Compounds			ug/L	SW-7									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	1.8E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-39-3	Barium	46.6	46.6				9.2E-04	7.0E-04	1.6E-03
7440-50-8	Copper	9.12	9.12				9.0E-04	4.8E-05	9.5E-04
7439-92-1	~Lead and Compounds	1.49	1.49						
7439-96-5	Manganese (Non-diet)	28.3	28.3				4.7E-03	6.2E-03	1.1E-02
7440-02-0	Nickel Soluble Salts	1.94	1.94				3.8E-04	1.0E-04	4.8E-04
14797-55-8	Nitrate (measured as nitrogen)	1	1				2.5E-06	1.3E-07	2.6E-06
7440-62-2	Vanadium and Compounds	1.55	1.55				1.2E-03	2.5E-03	3.7E-03
7440-66-6	Zinc and Compounds	26.1	26.1				3.4E-04	1.1E-05	3.5E-04
					Cumulative:	0.0E+00			1.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	11/24/2025
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
43.7		7440-39-3	Barium			ug/L	SW-8									
9.21		7440-50-8	Copper			ug/L	SW-8									
1.48		7439-92-1	~Lead and Compounds			ug/L	SW-8									
32.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
1.67	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-8									
0.765		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
1.68	J	7440-62-2	Vanadium and Compounds			ug/L	SW-8									
18.5		7440-66-6	Zinc and Compounds			ug/L	SW-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	2.0E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SW-8 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	43.7	43.7				8.6E-04	6.5E-04	1.5E-03
7440-50-8	Copper	9.21	9.21				9.1E-04	4.8E-05	9.6E-04
7439-92-1	~Lead and Compounds	1.48	1.48						
7439-96-5	Manganese (Non-diet)	32.5	32.5				5.3E-03	7.1E-03	1.2E-02
7440-02-0	Nickel Soluble Salts	1.67	1.67				3.3E-04	8.7E-05	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	0.765	0.765				1.9E-06	1.0E-07	2.0E-06
7440-62-2	Vanadium and Compounds	1.68	1.68				1.3E-03	2.7E-03	4.0E-03
7440-66-6	Zinc and Compounds	18.5	18.5				2.4E-04	7.7E-06	2.5E-04
					Cumulative:	0.0E+00			2.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	12/2/2025
Prepared By:	Jonathan Olanin
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
0.175	J	67-64-1	Acetone			mg/kg	SED-1									
0.412	J	7440-36-0	Antimony (metallic)			mg/kg	SED-1									
1.23		7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
47.7		7440-39-3	Barium			mg/kg	SED-1									
0.337	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.223	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
13.3		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
5.56		7440-48-4	Cobalt			mg/kg	SED-1									
18.4		7440-50-8	Copper			mg/kg	SED-1									
0.009	B	123-91-1	Dioxane, 1,4-			mg/kg	SED-1									
39.3		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
191		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
0.0271	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-1									
0.0147	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-1									
14.6		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
0.423	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.717	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.639	J	218-01-9	~Chrysene			mg/kg	SED-1									
1.28	J	206-44-0	~Fluoranthene			mg/kg	SED-1									
0.835	J	129-00-0	~Pyrene			mg/kg	SED-1									
0.0435	J	7440-22-4	Silver			mg/kg	SED-1									
0.00142	J	100-42-5	Styrene			mg/kg	SED-1									
22.1		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
78.1		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	6.1E-06	5.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.5E-07	3.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.6E-06	2.2E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.175	0.175	0.175					2.5E-06			2.5E-06
7440-36-0	Antimony (metallic)	0.412	0.412	0.412					1.3E-02		2.2E-08	1.3E-02
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	**1.6E-06**	2.2E-07	3.2E-11	1.8E-06	3.1E-02	3.7E-03	1.3E-06	3.5E-02
7440-39-3	Barium	47.7	47.7	47.7					3.0E-03		1.5E-06	3.1E-03
7440-41-7	Beryllium and compounds	0.337	0.337	0.337			4.9E-12	4.9E-12	2.2E-03		2.7E-07	2.2E-03
7440-43-9	Cadmium (Diet)	0.223	0.223	0.223			2.4E-12	2.4E-12	2.9E-02	2.7E-03	3.6E-07	3.1E-02
16065-83-1	Chromium(III), Insoluble Salts	13.3	13.3	13.3					1.1E-04			1.1E-04
7440-48-4	Cobalt	5.56	5.56	5.56			3.0E-10	3.0E-10	**2.4E-01**		1.5E-05	**2.4E-01**
7440-50-8	Copper	18.4	18.4	18.4					5.9E-03			5.9E-03
123-91-1	Dioxane, 1,4-	0.009	0.009	0.009	1.3E-09		3.8E-10	1.7E-09	3.8E-06		6.8E-06	1.1E-05
7439-92-1	~Lead and Compounds	39.3	39.3	39.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	191	191	191					1.0E-01		6.2E-05	1.0E-01
7439-97-6	~Mercury (elemental)	0.0271	0.0271	0.0271							3.6E-03	3.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0147	0.0147	0.0147					3.1E-07		2.2E-07	5.3E-07
7440-02-0	Nickel Soluble Salts	14.6	14.6	14.6			2.3E-11	2.3E-11	9.3E-03		2.4E-05	9.4E-03
50-32-8	~Benzo[a]pyrene	0.423	0.423	0.423	**2.8E-06**	9.2E-07	4.2E-12	3.7E-06	1.8E-02	5.6E-03	3.4E-06	2.4E-02
205-99-2	~Benzo[b]fluoranthene	0.717	0.717	0.717	4.7E-07	1.6E-07	7.2E-13	6.2E-07				
218-01-9	~Chrysene	0.639	0.639	0.639	4.2E-09	1.4E-09	6.4E-15	5.6E-09				
206-44-0	~Fluoranthene	1.28	1.28	1.28					4.1E-04	1.3E-04		5.4E-04
129-00-0	~Pyrene	0.835	0.835	0.835					3.6E-04	1.1E-04		4.7E-04
7440-22-4	Silver	0.0435	0.0435	0.0435					1.1E-04			1.1E-04
100-42-5	Styrene	0.00142	0.00142	0.00142					9.1E-08		1.4E-07	2.3E-07
7440-62-2	Vanadium and Compounds	22.1	22.1	22.1					5.6E-02		3.6E-06	5.6E-02
7440-66-6	Zinc and Compounds	78.1	78.1	78.1					3.3E-03			3.3E-03
						Cumulative:		6.1E-06				5.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.175	0.175	0.175					1.7E-07			1.7E-07
7440-36-0	Antimony (metallic)	0.412	0.412	0.412					8.8E-04		5.3E-09	8.8E-04
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	3.4E-07	7.2E-08	7.3E-12	4.1E-07	2.1E-03	4.5E-04	3.2E-07	2.6E-03
7440-39-3	Barium	47.7	47.7	47.7					2.0E-04		3.7E-07	2.0E-04
7440-41-7	Beryllium and compounds	0.337	0.337	0.337			1.1E-12	1.1E-12	1.4E-04		6.5E-08	1.4E-04
7440-43-9	Cadmium (Diet)	0.223	0.223	0.223			5.5E-13	5.5E-13	1.9E-03	3.2E-04	8.6E-08	2.2E-03
16065-83-1	Chromium(III), Insoluble Salts	13.3	13.3	13.3					7.6E-06			7.6E-06
7440-48-4	Cobalt	5.56	5.56	5.56			6.9E-11	6.9E-11	1.6E-02		3.6E-06	1.6E-02
7440-50-8	Copper	18.4	18.4	18.4					3.9E-04			3.9E-04
123-91-1	Dioxane, 1,4-	0.009	0.009	0.009	2.8E-10		8.7E-11	3.6E-10	2.6E-07		1.6E-06	1.9E-06
7439-92-1	~Lead and Compounds	39.3	39.3	39.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	191	191	191					6.8E-03		1.5E-05	6.8E-03
7439-97-6	~Mercury (elemental)	0.0271	0.0271	0.0271							8.5E-04	8.5E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0147	0.0147	0.0147					2.1E-08		5.2E-08	7.3E-08
7440-02-0	Nickel Soluble Salts	14.6	14.6	14.6			5.2E-12	5.2E-12	6.3E-04		5.6E-06	6.3E-04
50-32-8	~Benzo[a]pyrene	0.423	0.423	0.423	1.3E-07	7.1E-08	3.5E-13	2.0E-07	1.2E-03	6.6E-04	8.1E-07	1.9E-03
205-99-2	~Benzo[b]fluoranthene	0.717	0.717	0.717	2.2E-08	1.2E-08	5.9E-14	3.4E-08				
218-01-9	~Chrysene	0.639	0.639	0.639	2.0E-10	1.1E-10	5.3E-16	3.0E-10				
206-44-0	~Fluoranthene	1.28	1.28	1.28					2.7E-05	1.5E-05		4.2E-05
129-00-0	~Pyrene	0.835	0.835	0.835					2.4E-05	1.3E-05		3.7E-05
7440-22-4	Silver	0.0435	0.0435	0.0435					7.4E-06			7.4E-06
100-42-5	Styrene	0.00142	0.00142	0.00142					6.1E-09		3.3E-08	3.9E-08
7440-62-2	Vanadium and Compounds	22.1	22.1	22.1					3.8E-03		8.5E-07	3.8E-03
7440-66-6	Zinc and Compounds	78.1	78.1	78.1					2.2E-04			2.2E-04
						Cumulative:		6.5E-07				3.7E-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-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	0.175	0.175	0.175					1.1E-06			1.1E-06
7440-36-0	Antimony (metallic)	0.412	0.412	0.412					5.6E-03		7.9E-10	5.6E-03
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	6.8E-07	9.6E-08	1.1E-12	7.8E-07	1.3E-02	1.6E-03	4.7E-08	1.5E-02
7440-39-3	Barium	47.7	47.7	47.7					1.3E-03		5.5E-08	1.3E-03
7440-41-7	Beryllium and compounds	0.337	0.337	0.337			1.7E-13	1.7E-13	9.2E-04		9.7E-09	9.2E-04
7440-43-9	Cadmium (Diet)	0.223	0.223	0.223			8.6E-14	8.6E-14	1.2E-02	1.2E-03	1.3E-08	1.3E-02
16065-83-1	Chromium(III), Insoluble Salts	13.3	13.3	13.3					4.9E-05			4.9E-05
7440-48-4	Cobalt	5.56	5.56	5.56			1.1E-11	1.1E-11	1.0E-01		5.3E-07	1.0E-01
7440-50-8	Copper	18.4	18.4	18.4					2.5E-03			2.5E-03
123-91-1	Dioxane, 1,4-	0.009	0.009	0.009	5.5E-10		1.4E-11	5.7E-10	1.6E-06		2.4E-07	1.9E-06
7439-92-1	~Lead and Compounds	39.3	39.3	39.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	191	191	191					4.4E-02		2.2E-06	4.4E-02
7439-97-6	~Mercury (elemental)	0.0271	0.0271	0.0271							1.3E-04	1.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0147	0.0147	0.0147					1.3E-07		7.8E-09	1.4E-07
7440-02-0	Nickel Soluble Salts	14.6	14.6	14.6			8.1E-13	8.1E-13	4.0E-03		8.4E-07	4.0E-03
50-32-8	~Benzo[a]pyrene	0.423	0.423	0.423	**1.2E-06**	4.0E-07	1.5E-13	**1.6E-06**	7.7E-03	2.4E-03	1.2E-07	1.0E-02
205-99-2	~Benzo[b]fluoranthene	0.717	0.717	0.717	2.0E-07	6.7E-08	2.6E-14	2.7E-07				
218-01-9	~Chrysene	0.639	0.639	0.639	1.8E-09	6.0E-10	2.3E-16	2.4E-09				
206-44-0	~Fluoranthene	1.28	1.28	1.28					1.8E-04	5.4E-05		2.3E-04
129-00-0	~Pyrene	0.835	0.835	0.835					1.5E-04	4.7E-05		2.0E-04
7440-22-4	Silver	0.0435	0.0435	0.0435					4.8E-05			4.8E-05
100-42-5	Styrene	0.00142	0.00142	0.00142					3.9E-08		4.9E-09	4.4E-08
7440-62-2	Vanadium and Compounds	22.1	22.1	22.1					2.4E-02		1.3E-07	2.4E-02
7440-66-6	Zinc and Compounds	78.1	78.1	78.1					1.4E-03			1.4E-03
						Cumulative:		2.6E-06				2.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	12/2/2025
Prepared By:	Jonathan Olanin
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
0.0472	J	67-64-1	Acetone			mg/kg	SED-2									
0.253	J	7440-36-0	Antimony (metallic)			mg/kg	SED-2									
0.634		7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
29.7		7440-39-3	Barium			mg/kg	SED-2									
0.19	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.205	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
6.7		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
4.2		7440-48-4	Cobalt			mg/kg	SED-2									
10.7		7440-50-8	Copper			mg/kg	SED-2									
0.00923	J	123-91-1	Dioxane, 1,4-			mg/kg	SED-2									
0.0017	J	99-87-6	Isopropyltoluene, p-			mg/kg	SED-2									
54.8		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
89.9		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
0.0264	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-2									
0.00581	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-2									
13.1		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.777	J	206-44-0	~Fluoranthene			mg/kg	SED-2									
0.482	J	129-00-0	~Pyrene			mg/kg	SED-2									
0.049	J	7440-22-4	Silver			mg/kg	SED-2									
14.2		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
86.1		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	9.4E-07	3.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.1E-07	2.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	4.0E-07	1.4E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0472	0.0472	0.0472					6.7E-07			6.7E-07
7440-36-0	Antimony (metallic)	0.253	0.253	0.253					8.1E-03		1.4E-08	8.1E-03
7440-38-2	Arsenic, Inorganic	0.634	0.634	0.634	8.2E-07	1.2E-07	1.6E-11	9.4E-07	1.6E-02	1.9E-03	6.8E-07	1.8E-02
7440-39-3	Barium	29.7	29.7	29.7					1.9E-03		9.6E-07	1.9E-03
7440-41-7	Beryllium and compounds	0.19	0.19	0.19			2.7E-12	2.7E-12	1.2E-03		1.5E-07	1.2E-03
7440-43-9	Cadmium (Diet)	0.205	0.205	0.205			2.2E-12	2.2E-12	2.6E-02	2.5E-03	3.3E-07	2.9E-02
16065-83-1	Chromium(III), Insoluble Salts	6.7	6.7	6.7					5.7E-05			5.7E-05
7440-48-4	Cobalt	4.2	4.2	4.2			2.3E-10	2.3E-10	1.8E-01		1.1E-05	1.8E-01
7440-50-8	Copper	10.7	10.7	10.7					3.4E-03			3.4E-03
123-91-1	Dioxane, 1,4-	0.00923	0.00923	0.00923	1.3E-09		3.9E-10	1.7E-09	3.9E-06		7.0E-06	1.1E-05
99-87-6	Isopropyltoluene, p-	0.0017	0.0017	0.0017					5.4E-06		4.5E-06	9.9E-06
7439-92-1	~Lead and Compounds	54.8	54.8	54.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	89.9	89.9	89.9					4.8E-02		2.9E-05	4.8E-02
7439-97-6	~Mercury (elemental)	0.0264	0.0264	0.0264							3.5E-03	3.5E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00581	0.00581	0.00581					1.2E-07		8.6E-08	2.1E-07
7440-02-0	Nickel Soluble Salts	13.1	13.1	13.1			2.0E-11	2.0E-11	8.4E-03		2.1E-05	8.4E-03
206-44-0	~Fluoranthene	0.777	0.777	0.777					2.5E-04	7.7E-05		3.2E-04
129-00-0	~Pyrene	0.482	0.482	0.482					2.1E-04	6.3E-05		2.7E-04
7440-22-4	Silver	0.049	0.049	0.049					1.3E-04			1.3E-04
7440-62-2	Vanadium and Compounds	14.2	14.2	14.2					3.6E-02		2.3E-06	3.6E-02
7440-66-6	Zinc and Compounds	86.1	86.1	86.1					3.7E-03			3.7E-03
						Cumulative:		9.4E-07				3.4E-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	0.0472	0.0472	0.0472					4.5E-08			4.5E-08
7440-36-0	Antimony (metallic)	0.253	0.253	0.253					5.4E-04		3.2E-09	5.4E-04
7440-38-2	Arsenic, Inorganic	0.634	0.634	0.634	1.7E-07	3.7E-08	3.7E-12	2.1E-07	1.1E-03	2.3E-04	1.6E-07	1.3E-03
7440-39-3	Barium	29.7	29.7	29.7					1.3E-04		2.3E-07	1.3E-04
7440-41-7	Beryllium and compounds	0.19	0.19	0.19			6.3E-13	6.3E-13	8.1E-05		3.7E-08	8.1E-05
7440-43-9	Cadmium (Diet)	0.205	0.205	0.205			5.1E-13	5.1E-13	1.8E-03	3.0E-04	7.9E-08	2.1E-03
16065-83-1	Chromium(III), Insoluble Salts	6.7	6.7	6.7					3.8E-06			3.8E-06
7440-48-4	Cobalt	4.2	4.2	4.2			5.2E-11	5.2E-11	1.2E-02		2.7E-06	1.2E-02
7440-50-8	Copper	10.7	10.7	10.7					2.3E-04			2.3E-04
123-91-1	Dioxane, 1,4-	0.00923	0.00923	0.00923	2.8E-10		8.9E-11	3.7E-10	2.6E-07		1.7E-06	1.9E-06
99-87-6	Isopropyltoluene, p-	0.0017	0.0017	0.0017					3.6E-07		1.1E-06	1.4E-06
7439-92-1	~Lead and Compounds	54.8	54.8	54.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	89.9	89.9	89.9					3.2E-03		6.9E-06	3.2E-03
7439-97-6	~Mercury (elemental)	0.0264	0.0264	0.0264							8.3E-04	8.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00581	0.00581	0.00581					8.3E-09		2.0E-08	2.9E-08
7440-02-0	Nickel Soluble Salts	13.1	13.1	13.1			4.7E-12	4.7E-12	5.6E-04		5.0E-06	5.7E-04
206-44-0	~Fluoranthene	0.777	0.777	0.777					1.7E-05	9.2E-06		2.6E-05
129-00-0	~Pyrene	0.482	0.482	0.482					1.4E-05	7.6E-06		2.1E-05
7440-22-4	Silver	0.049	0.049	0.049					8.4E-06			8.4E-06
7440-62-2	Vanadium and Compounds	14.2	14.2	14.2					2.4E-03		5.5E-07	2.4E-03
7440-66-6	Zinc and Compounds	86.1	86.1	86.1					2.5E-04			2.5E-04
						Cumulative:		2.1E-07				2.4E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0472	0.0472	0.0472					2.9E-07			2.9E-07
7440-36-0	Antimony (metallic)	0.253	0.253	0.253					3.5E-03		4.9E-10	3.5E-03
7440-38-2	Arsenic, Inorganic	0.634	0.634	0.634	3.5E-07	4.9E-08	5.8E-13	4.0E-07	6.9E-03	8.2E-04	2.4E-08	7.8E-03
7440-39-3	Barium	29.7	29.7	29.7					8.1E-04		3.4E-08	8.1E-04
7440-41-7	Beryllium and compounds	0.19	0.19	0.19			9.8E-14	9.8E-14	5.2E-04		5.5E-09	5.2E-04
7440-43-9	Cadmium (Diet)	0.205	0.205	0.205			7.9E-14	7.9E-14	1.1E-02	1.1E-03	1.2E-08	1.2E-02
16065-83-1	Chromium(III), Insoluble Salts	6.7	6.7	6.7					2.4E-05			2.4E-05
7440-48-4	Cobalt	4.2	4.2	4.2			8.1E-12	8.1E-12	7.7E-02		4.0E-07	7.7E-02
7440-50-8	Copper	10.7	10.7	10.7					1.5E-03			1.5E-03
123-91-1	Dioxane, 1,4-	0.00923	0.00923	0.00923	5.7E-10		1.4E-11	5.8E-10	1.7E-06		2.5E-07	1.9E-06
99-87-6	Isopropyltoluene, p-	0.0017	0.0017	0.0017					2.3E-06		1.6E-07	2.5E-06
7439-92-1	~Lead and Compounds	54.8	54.8	54.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	89.9	89.9	89.9					2.1E-02		1.0E-06	2.1E-02
7439-97-6	~Mercury (elemental)	0.0264	0.0264	0.0264							1.2E-04	1.2E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00581	0.00581	0.00581					5.3E-08		3.1E-09	5.6E-08
7440-02-0	Nickel Soluble Salts	13.1	13.1	13.1			7.3E-13	7.3E-13	3.6E-03		7.6E-07	3.6E-03
206-44-0	~Fluoranthene	0.777	0.777	0.777					1.1E-04	3.3E-05		1.4E-04
129-00-0	~Pyrene	0.482	0.482	0.482					8.8E-05	2.7E-05		1.2E-04
7440-22-4	Silver	0.049	0.049	0.049					5.4E-05			5.4E-05
7440-62-2	Vanadium and Compounds	14.2	14.2	14.2					1.5E-02		8.2E-08	1.5E-02
7440-66-6	Zinc and Compounds	86.1	86.1	86.1					1.6E-03			1.6E-03
						Cumulative:		4.0E-07				1.4E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	12/2/2025
Prepared By:	Jonathan Olanin
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
0.0749		67-64-1	Acetone			mg/kg	SED-3									
0.377		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
12.4	B	7440-39-3	Barium			mg/kg	SED-3									
0.0788	J	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.0985	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
4.09	B	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
3.1		7440-48-4	Cobalt			mg/kg	SED-3									
6.94	B	7440-50-8	Copper			mg/kg	SED-3									
0.00889		123-91-1	Dioxane, 1,4-			mg/kg	SED-3									
9.84		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
78.2		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
0.00147	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-3									
11.4		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
0.512	J	206-44-0	~Fluoranthene			mg/kg	SED-3									
0.166	J	7782-49-2	Selenium			mg/kg	SED-3									
0.0137	J B	7440-22-4	Silver			mg/kg	SED-3									
0.00118	J	108-88-3	Toluene			mg/kg	SED-3									
13.1		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
38.5		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	5.6E-07	2.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.3E-07	1.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.4E-07	1.0E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0749	0.0749	0.0749					1.1E-06			1.1E-06
7440-38-2	Arsenic, Inorganic	0.377	0.377	0.377	4.9E-07	6.9E-08	9.7E-12	5.6E-07	9.6E-03	1.1E-03	4.1E-07	1.1E-02
7440-39-3	Barium	12.4	12.4	12.4					7.9E-04		4.0E-07	7.9E-04
7440-41-7	Beryllium and compounds	0.0788	0.0788	0.0788			1.1E-12	1.1E-12	5.0E-04		6.4E-08	5.0E-04
7440-43-9	Cadmium (Diet)	0.0985	0.0985	0.0985			1.1E-12	1.1E-12	1.3E-02	1.2E-03	1.6E-07	1.4E-02
16065-83-1	Chromium(III), Insoluble Salts	4.09	4.09	4.09					3.5E-05			3.5E-05
7440-48-4	Cobalt	3.1	3.1	3.1			1.7E-10	1.7E-10	1.3E-01		8.4E-06	1.3E-01
7440-50-8	Copper	6.94	6.94	6.94					2.2E-03			2.2E-03
123-91-1	Dioxane, 1,4-	0.00889	0.00889	0.00889	1.3E-09		3.8E-10	1.7E-09	3.8E-06		6.7E-06	1.1E-05
7439-92-1	~Lead and Compounds	9.84	9.84	9.84					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	78.2	78.2	78.2					4.2E-02		2.5E-05	4.2E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00147	0.00147	0.00147					3.1E-08		2.2E-08	5.3E-08
7440-02-0	Nickel Soluble Salts	11.4	11.4	11.4			1.8E-11	1.8E-11	7.3E-03		1.8E-05	7.3E-03
206-44-0	~Fluoranthene	0.512	0.512	0.512					1.6E-04	5.0E-05		2.1E-04
7782-49-2	Selenium	0.166	0.166	0.166					4.2E-04		1.3E-10	4.2E-04
7440-22-4	Silver	0.0137	0.0137	0.0137					3.5E-05			3.5E-05
108-88-3	Toluene	0.00118	0.00118	0.00118					1.9E-07		5.0E-08	2.4E-07
7440-62-2	Vanadium and Compounds	13.1	13.1	13.1					3.3E-02		2.1E-06	3.3E-02
7440-66-6	Zinc and Compounds	38.5	38.5	38.5					1.6E-03			1.6E-03
						Cumulative:		5.6E-07				2.4E-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	0.0749	0.0749	0.0749					7.1E-08			7.1E-08
7440-38-2	Arsenic, Inorganic	0.377	0.377	0.377	1.0E-07	2.2E-08	2.2E-12	1.3E-07	6.5E-04	1.4E-04	9.7E-08	7.8E-04
7440-39-3	Barium	12.4	12.4	12.4					5.3E-05		9.5E-08	5.3E-05
7440-41-7	Beryllium and compounds	0.0788	0.0788	0.0788			2.6E-13	2.6E-13	3.4E-05		1.5E-08	3.4E-05
7440-43-9	Cadmium (Diet)	0.0985	0.0985	0.0985			2.4E-13	2.4E-13	8.4E-04	1.4E-04	3.8E-08	9.9E-04
16065-83-1	Chromium(III), Insoluble Salts	4.09	4.09	4.09					2.3E-06			2.3E-06
7440-48-4	Cobalt	3.1	3.1	3.1			3.8E-11	3.8E-11	8.8E-03		2.0E-06	8.8E-03
7440-50-8	Copper	6.94	6.94	6.94					1.5E-04			1.5E-04
123-91-1	Dioxane, 1,4-	0.00889	0.00889	0.00889	2.7E-10		8.6E-11	3.6E-10	2.5E-07		1.6E-06	1.9E-06
7439-92-1	~Lead and Compounds	9.84	9.84	9.84					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	78.2	78.2	78.2					2.8E-03		6.0E-06	2.8E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00147	0.00147	0.00147					2.1E-09		5.2E-09	7.3E-09
7440-02-0	Nickel Soluble Salts	11.4	11.4	11.4			4.1E-12	4.1E-12	4.9E-04		4.4E-06	4.9E-04
206-44-0	~Fluoranthene	0.512	0.512	0.512					1.1E-05	6.0E-06		1.7E-05
7782-49-2	Selenium	0.166	0.166	0.166					2.8E-05		3.2E-11	2.8E-05
7440-22-4	Silver	0.0137	0.0137	0.0137					2.3E-06			2.3E-06
108-88-3	Toluene	0.00118	0.00118	0.00118					1.3E-08		1.2E-08	2.4E-08
7440-62-2	Vanadium and Compounds	13.1	13.1	13.1					2.2E-03		5.0E-07	2.2E-03
7440-66-6	Zinc and Compounds	38.5	38.5	38.5					1.1E-04			1.1E-04
						Cumulative:		1.3E-07				1.7E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0749	0.0749	0.0749					4.6E-07			4.6E-07
7440-38-2	Arsenic, Inorganic	0.377	0.377	0.377	2.1E-07	2.9E-08	3.5E-13	2.4E-07	4.1E-03	4.9E-04	1.5E-08	4.6E-03
7440-39-3	Barium	12.4	12.4	12.4					3.4E-04		1.4E-08	3.4E-04
7440-41-7	Beryllium and compounds	0.0788	0.0788	0.0788			4.1E-14	4.1E-14	2.2E-04		2.3E-09	2.2E-04
7440-43-9	Cadmium (Diet)	0.0985	0.0985	0.0985			3.8E-14	3.8E-14	5.4E-03	5.1E-04	5.7E-09	5.9E-03
16065-83-1	Chromium(III), Insoluble Salts	4.09	4.09	4.09					1.5E-05			1.5E-05
7440-48-4	Cobalt	3.1	3.1	3.1			6.0E-12	6.0E-12	5.7E-02		3.0E-07	5.7E-02
7440-50-8	Copper	6.94	6.94	6.94					9.5E-04			9.5E-04
123-91-1	Dioxane, 1,4-	0.00889	0.00889	0.00889	5.5E-10		1.3E-11	5.6E-10	1.6E-06		2.4E-07	1.9E-06
7439-92-1	~Lead and Compounds	9.84	9.84	9.84					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	78.2	78.2	78.2					1.8E-02		9.0E-07	1.8E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00147	0.00147	0.00147					1.3E-08		7.8E-10	1.4E-08
7440-02-0	Nickel Soluble Salts	11.4	11.4	11.4			6.4E-13	6.4E-13	3.1E-03		6.6E-07	3.1E-03
206-44-0	~Fluoranthene	0.512	0.512	0.512					7.0E-05	2.2E-05		9.2E-05
7782-49-2	Selenium	0.166	0.166	0.166					1.8E-04		4.8E-12	1.8E-04
7440-22-4	Silver	0.0137	0.0137	0.0137					1.5E-05			1.5E-05
108-88-3	Toluene	0.00118	0.00118	0.00118					8.1E-08		1.8E-09	8.3E-08
7440-62-2	Vanadium and Compounds	13.1	13.1	13.1					1.4E-02		7.6E-08	1.4E-02
7440-66-6	Zinc and Compounds	38.5	38.5	38.5					7.0E-04			7.0E-04
						Cumulative:		2.4E-07				1.0E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	12/8/2025
Prepared By:	Jonathan Olanin
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
0.0163		67-64-1	Acetone			mg/kg	SED-4									
0.499		7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
18.4	B	7440-39-3	Barium			mg/kg	SED-4									
0.112	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.0133	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4									
4.7	B	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-4									
3.14		7440-48-4	Cobalt			mg/kg	SED-4									
7.92	B	7440-50-8	Copper			mg/kg	SED-4									
15.5		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
80.2		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
10.1		7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
0.591		206-44-0	~Fluoranthene			mg/kg	SED-4									
0.158	J	7782-49-2	Selenium			mg/kg	SED-4									
0.0166	J B	7440-22-4	Silver			mg/kg	SED-4									
10.4		7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
54.6		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	7.4E-07	2.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.7E-07	1.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.2E-07	1.0E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0163	0.0163	0.0163					2.3E-07			2.3E-07
7440-38-2	Arsenic, Inorganic	0.499	0.499	0.499	6.5E-07	9.1E-08	1.3E-11	7.4E-07	1.3E-02	1.5E-03	5.4E-07	1.4E-02
7440-39-3	Barium	18.4	18.4	18.4					1.2E-03		5.9E-07	1.2E-03
7440-41-7	Beryllium and compounds	0.112	0.112	0.112			1.6E-12	1.6E-12	7.2E-04		9.1E-08	7.2E-04
7440-43-9	Cadmium (Diet)	0.0133	0.0133	0.0133			1.4E-13	1.4E-13	1.7E-03	1.6E-04	2.1E-08	1.9E-03
16065-83-1	Chromium(III), Insoluble Salts	4.7	4.7	4.7					4.0E-05			4.0E-05
7440-48-4	Cobalt	3.14	3.14	3.14			1.7E-10	1.7E-10	1.3E-01		8.5E-06	1.3E-01
7440-50-8	Copper	7.92	7.92	7.92					2.5E-03			2.5E-03
7439-92-1	~Lead and Compounds	15.5	15.5	15.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	80.2	80.2	80.2					4.3E-02		2.6E-05	4.3E-02
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
206-44-0	~Fluoranthene	0.591	0.591	0.591					1.9E-04	5.8E-05		2.5E-04
7782-49-2	Selenium	0.158	0.158	0.158					4.0E-04		1.3E-10	4.0E-04
7440-22-4	Silver	0.0166	0.0166	0.0166					4.2E-05			4.2E-05
7440-62-2	Vanadium and Compounds	10.4	10.4	10.4					2.6E-02		1.7E-06	2.6E-02
7440-66-6	Zinc and Compounds	54.6	54.6	54.6					2.3E-03			2.3E-03
						Cumulative:		7.4E-07				2.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0163	0.0163	0.0163					1.6E-08			1.6E-08
7440-38-2	Arsenic, Inorganic	0.499	0.499	0.499	1.4E-07	2.9E-08	2.9E-12	1.7E-07	8.5E-04	1.8E-04	1.3E-07	1.0E-03
7440-39-3	Barium	18.4	18.4	18.4					7.9E-05		1.4E-07	7.9E-05
7440-41-7	Beryllium and compounds	0.112	0.112	0.112			3.7E-13	3.7E-13	4.8E-05		2.2E-08	4.8E-05
7440-43-9	Cadmium (Diet)	0.0133	0.0133	0.0133			3.3E-14	3.3E-14	1.1E-04	1.9E-05	5.1E-09	1.3E-04
16065-83-1	Chromium(III), Insoluble Salts	4.7	4.7	4.7					2.7E-06			2.7E-06
7440-48-4	Cobalt	3.14	3.14	3.14			3.9E-11	3.9E-11	9.0E-03		2.0E-06	9.0E-03
7440-50-8	Copper	7.92	7.92	7.92					1.7E-04			1.7E-04
7439-92-1	~Lead and Compounds	15.5	15.5	15.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	80.2	80.2	80.2					2.9E-03		6.2E-06	2.9E-03
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
206-44-0	~Fluoranthene	0.591	0.591	0.591					1.3E-05	7.0E-06		2.0E-05
7782-49-2	Selenium	0.158	0.158	0.158					2.7E-05		3.0E-11	2.7E-05
7440-22-4	Silver	0.0166	0.0166	0.0166					2.8E-06			2.8E-06
7440-62-2	Vanadium and Compounds	10.4	10.4	10.4					1.8E-03		4.0E-07	1.8E-03
7440-66-6	Zinc and Compounds	54.6	54.6	54.6					1.6E-04			1.6E-04
						Cumulative:		1.7E-07				1.6E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0163	0.0163	0.0163					9.9E-08			9.9E-08
7440-38-2	Arsenic, Inorganic	0.499	0.499	0.499	2.8E-07	3.9E-08	4.6E-13	3.2E-07	5.5E-03	6.5E-04	1.9E-08	6.1E-03
7440-39-3	Barium	18.4	18.4	18.4					5.0E-04		2.1E-08	5.0E-04
7440-41-7	Beryllium and compounds	0.112	0.112	0.112			5.8E-14	5.8E-14	3.1E-04		3.2E-09	3.1E-04
7440-43-9	Cadmium (Diet)	0.0133	0.0133	0.0133			5.1E-15	5.1E-15	7.3E-04	6.9E-05	7.7E-10	8.0E-04
16065-83-1	Chromium(III), Insoluble Salts	4.7	4.7	4.7					1.7E-05			1.7E-05
7440-48-4	Cobalt	3.14	3.14	3.14			6.1E-12	6.1E-12	5.7E-02		3.0E-07	5.7E-02
7440-50-8	Copper	7.92	7.92	7.92					1.1E-03			1.1E-03
7439-92-1	~Lead and Compounds	15.5	15.5	15.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	80.2	80.2	80.2					1.8E-02		9.3E-07	1.8E-02
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
206-44-0	~Fluoranthene	0.591	0.591	0.591					8.1E-05	2.5E-05		1.1E-04
7782-49-2	Selenium	0.158	0.158	0.158					1.7E-04		4.6E-12	1.7E-04
7440-22-4	Silver	0.0166	0.0166	0.0166					1.8E-05			1.8E-05
7440-62-2	Vanadium and Compounds	10.4	10.4	10.4					1.1E-02		6.0E-08	1.1E-02
7440-66-6	Zinc and Compounds	54.6	54.6	54.6					1.0E-03			1.0E-03
						Cumulative:		3.2E-07				1.0E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	12/8/2025
Prepared By:	Jonathan Olanin
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

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
0.0469		67-64-1	Acetone			mg/kg	SED-5									
0.185	J	7440-36-0	Antimony (metallic)			mg/kg	SED-5									
0.464		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
19.5		7440-39-3	Barium			mg/kg	SED-5									
0.13		7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.136		7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
3.98		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
2.65		7440-48-4	Cobalt			mg/kg	SED-5									
9.12		7440-50-8	Copper			mg/kg	SED-5									
0.0403	B	123-91-1	Dioxane, 1,4-			mg/kg	SED-5									
19.2		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
77.7		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
7.96		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
0.763	J	206-44-0	~Fluoranthene			mg/kg	SED-5									
0.489	J	129-00-0	~Pyrene			mg/kg	SED-5									
0.121	J	7782-49-2	Selenium			mg/kg	SED-5									
0.0189	J	7440-22-4	Silver			mg/kg	SED-5									
7.28		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
53.8		7440-66-6	Zinc and Compounds			mg/kg	SED-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	6.9E-07	2.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.6E-07	1.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.0E-07	9.6E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0469	0.0469	0.0469					6.7E-07			6.7E-07
7440-36-0	Antimony (metallic)	0.185	0.185	0.185					5.9E-03		1.0E-08	5.9E-03
7440-38-2	Arsenic, Inorganic	0.464	0.464	0.464	6.0E-07	8.4E-08	1.2E-11	6.9E-07	1.2E-02	1.4E-03	5.0E-07	1.3E-02
7440-39-3	Barium	19.5	19.5	19.5					1.2E-03		6.3E-07	1.2E-03
7440-41-7	Beryllium and compounds	0.13	0.13	0.13			1.9E-12	1.9E-12	8.3E-04		1.1E-07	8.3E-04
7440-43-9	Cadmium (Diet)	0.136	0.136	0.136			1.5E-12	1.5E-12	1.7E-02	1.7E-03	2.2E-07	1.9E-02
16065-83-1	Chromium(III), Insoluble Salts	3.98	3.98	3.98					3.4E-05			3.4E-05
7440-48-4	Cobalt	2.65	2.65	2.65			1.4E-10	1.4E-10	1.1E-01		7.1E-06	1.1E-01
7440-50-8	Copper	9.12	9.12	9.12					2.9E-03			2.9E-03
123-91-1	Dioxane, 1,4-	0.0403	0.0403	0.0403	5.8E-09		1.7E-09	7.5E-09	1.7E-05		3.1E-05	4.8E-05
7439-92-1	~Lead and Compounds	19.2	19.2	19.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	77.7	77.7	77.7					4.1E-02		2.5E-05	4.1E-02
7440-02-0	Nickel Soluble Salts	7.96	7.96	7.96			1.2E-11	1.2E-11	5.1E-03		1.3E-05	5.1E-03
206-44-0	~Fluoranthene	0.763	0.763	0.763					2.4E-04	7.5E-05		3.2E-04
129-00-0	~Pyrene	0.489	0.489	0.489					2.1E-04	6.4E-05		2.7E-04
7782-49-2	Selenium	0.121	0.121	0.121					3.1E-04		9.8E-11	3.1E-04
7440-22-4	Silver	0.0189	0.0189	0.0189					4.8E-05			4.8E-05
7440-62-2	Vanadium and Compounds	7.28	7.28	7.28					1.8E-02		1.2E-06	1.8E-02
7440-66-6	Zinc and Compounds	53.8	53.8	53.8					2.3E-03			2.3E-03
						Cumulative:		6.9E-07				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-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0469	0.0469	0.0469					4.5E-08			4.5E-08
7440-36-0	Antimony (metallic)	0.185	0.185	0.185					4.0E-04		2.4E-09	4.0E-04
7440-38-2	Arsenic, Inorganic	0.464	0.464	0.464	1.3E-07	2.7E-08	2.7E-12	1.5E-07	7.9E-04	1.7E-04	1.2E-07	9.6E-04
7440-39-3	Barium	19.5	19.5	19.5					8.3E-05		1.5E-07	8.4E-05
7440-41-7	Beryllium and compounds	0.13	0.13	0.13			4.3E-13	4.3E-13	5.6E-05		2.5E-08	5.6E-05
7440-43-9	Cadmium (Diet)	0.136	0.136	0.136			3.4E-13	3.4E-13	1.2E-03	2.0E-04	5.2E-08	1.4E-03
16065-83-1	Chromium(III), Insoluble Salts	3.98	3.98	3.98					2.3E-06			2.3E-06
7440-48-4	Cobalt	2.65	2.65	2.65			3.3E-11	3.3E-11	7.6E-03		1.7E-06	7.6E-03
7440-50-8	Copper	9.12	9.12	9.12					2.0E-04			2.0E-04
123-91-1	Dioxane, 1,4-	0.0403	0.0403	0.0403	1.2E-09		3.9E-10	1.6E-09	1.2E-06		7.3E-06	8.4E-06
7439-92-1	~Lead and Compounds	19.2	19.2	19.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	77.7	77.7	77.7					2.8E-03		6.0E-06	2.8E-03
7440-02-0	Nickel Soluble Salts	7.96	7.96	7.96			2.8E-12	2.8E-12	3.4E-04		3.1E-06	3.4E-04
206-44-0	~Fluoranthene	0.763	0.763	0.763					1.6E-05	9.0E-06		2.5E-05
129-00-0	~Pyrene	0.489	0.489	0.489					1.4E-05	7.7E-06		2.2E-05
7782-49-2	Selenium	0.121	0.121	0.121					2.1E-05		2.3E-11	2.1E-05
7440-22-4	Silver	0.0189	0.0189	0.0189					3.2E-06			3.2E-06
7440-62-2	Vanadium and Compounds	7.28	7.28	7.28					1.2E-03		2.8E-07	1.2E-03
7440-66-6	Zinc and Compounds	53.8	53.8	53.8					1.5E-04			1.5E-04
						Cumulative:		1.6E-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-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0469	0.0469	0.0469					2.9E-07			2.9E-07
7440-36-0	Antimony (metallic)	0.185	0.185	0.185					2.5E-03		3.6E-10	2.5E-03
7440-38-2	Arsenic, Inorganic	0.464	0.464	0.464	2.6E-07	3.6E-08	4.3E-13	2.9E-07	5.1E-03	6.0E-04	1.8E-08	5.7E-03
7440-39-3	Barium	19.5	19.5	19.5					5.3E-04		2.3E-08	5.3E-04
7440-41-7	Beryllium and compounds	0.13	0.13	0.13			6.7E-14	6.7E-14	3.6E-04		3.8E-09	3.6E-04
7440-43-9	Cadmium (Diet)	0.136	0.136	0.136			5.2E-14	5.2E-14	7.5E-03	7.1E-04	7.9E-09	8.2E-03
16065-83-1	Chromium(III), Insoluble Salts	3.98	3.98	3.98					1.5E-05			1.5E-05
7440-48-4	Cobalt	2.65	2.65	2.65			5.1E-12	5.1E-12	4.8E-02		2.5E-07	4.8E-02
7440-50-8	Copper	9.12	9.12	9.12					1.2E-03			1.2E-03
123-91-1	Dioxane, 1,4-	0.0403	0.0403	0.0403	2.5E-09		6.1E-11	2.5E-09	7.4E-06		1.1E-06	8.5E-06
7439-92-1	~Lead and Compounds	19.2	19.2	19.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	77.7	77.7	77.7					1.8E-02		9.0E-07	1.8E-02
7440-02-0	Nickel Soluble Salts	7.96	7.96	7.96			4.4E-13	4.4E-13	2.2E-03		4.6E-07	2.2E-03
206-44-0	~Fluoranthene	0.763	0.763	0.763					1.0E-04	3.2E-05		1.4E-04
129-00-0	~Pyrene	0.489	0.489	0.489					8.9E-05	2.8E-05		1.2E-04
7782-49-2	Selenium	0.121	0.121	0.121					1.3E-04		3.5E-12	1.3E-04
7440-22-4	Silver	0.0189	0.0189	0.0189					2.1E-05			2.1E-05
7440-62-2	Vanadium and Compounds	7.28	7.28	7.28					7.9E-03		4.2E-08	7.9E-03
7440-66-6	Zinc and Compounds	53.8	53.8	53.8					9.8E-04			9.8E-04
						Cumulative:		3.0E-07				9.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-6 and SED-Dup Risk Assessment
Submittal Date:	12/8/2025
Prepared By:	Jonathan Olanin
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 and SED-Dup Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Duplicate Sample was taken here at SED-6. 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
0.259		67-64-1	Acetone			mg/kg	SED-6									
0.835	J	7440-36-0	Antimony (metallic)			mg/kg	SED-6									
1.08		7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
45.9		7440-39-3	Barium			mg/kg	SED-6									
0.245		7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.226		7440-43-9	Cadmium (Diet)			mg/kg	SED-6									
10		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-6									
4.49		7440-48-4	Cobalt			mg/kg	SED-6									
18		7440-50-8	Copper			mg/kg	SED-Dup									
0.0736	B	123-91-1	Dioxane, 1,4-			mg/kg	SED-Dup									
41.2		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
158		7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
0.0127	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-Dup									
0.0227		78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-6									
13.5		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
0.51	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-6									
0.825	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
1.51	J	206-44-0	~Fluoranthene			mg/kg	SED-6									
0.921	J	129-00-0	~Pyrene			mg/kg	SED-6									
0.268	J	7782-49-2	Selenium			mg/kg	SED-6									
0.219		7440-22-4	Silver			mg/kg	SED-6									
0.00206	J	108-88-3	Toluene			mg/kg	SED-6									
19.7		7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
121		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 and SED-Dup Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	6.8E-06	4.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.4E-07	3.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.9E-06	2.0E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-6 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	0.259	0.259	0.259					3.7E-06			3.7E-06
7440-36-0	Antimony (metallic)	0.835	0.835	0.835					2.7E-02		4.5E-08	2.7E-02
7440-38-2	Arsenic, Inorganic	1.08	1.08	1.08	**1.4E-06**	2.0E-07	2.8E-11	1.6E-06	2.8E-02	3.3E-03	1.2E-06	3.1E-02
7440-39-3	Barium	45.9	45.9	45.9					2.9E-03		1.5E-06	2.9E-03
7440-41-7	Beryllium and compounds	0.245	0.245	0.245			3.5E-12	3.5E-12	1.6E-03		2.0E-07	1.6E-03
7440-43-9	Cadmium (Diet)	0.226	0.226	0.226			2.4E-12	2.4E-12	2.9E-02	2.7E-03	3.7E-07	3.2E-02
16065-83-1	Chromium(III), Insoluble Salts	10	10	10					8.5E-05			8.5E-05
7440-48-4	Cobalt	4.49	4.49	4.49			2.4E-10	2.4E-10	1.9E-01		1.2E-05	1.9E-01
7440-50-8	Copper	18	18	18					5.8E-03			5.8E-03
123-91-1	Dioxane, 1,4-	0.0736	0.0736	0.0736	1.1E-08		3.1E-09	1.4E-08	3.1E-05		5.6E-05	8.7E-05
7439-92-1	~Lead and Compounds	41.2	41.2	41.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	158	158	158					8.4E-02		5.1E-05	8.4E-02
7439-97-6	~Mercury (elemental)	0.0127	0.0127	0.0127							1.7E-03	1.7E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0227	0.0227	0.0227					4.8E-07		3.4E-07	8.2E-07
7440-02-0	Nickel Soluble Salts	13.5	13.5	13.5			2.1E-11	2.1E-11	8.6E-03		2.2E-05	8.7E-03
50-32-8	~Benzo[a]pyrene	0.51	0.51	0.51	**3.3E-06**	**1.1E-06**	5.1E-12	4.4E-06	2.2E-02	6.7E-03	4.1E-06	2.8E-02
205-99-2	~Benzo[b]fluoranthene	0.825	0.825	0.825	5.4E-07	1.8E-07	8.2E-13	7.2E-07				
206-44-0	~Fluoranthene	1.51	1.51	1.51					4.8E-04	1.5E-04		6.3E-04
129-00-0	~Pyrene	0.921	0.921	0.921					3.9E-04	1.2E-04		5.1E-04
7782-49-2	Selenium	0.268	0.268	0.268					6.9E-04		2.2E-10	6.9E-04
7440-22-4	Silver	0.219	0.219	0.219					5.6E-04			5.6E-04
108-88-3	Toluene	0.00206	0.00206	0.00206					3.3E-07		8.7E-08	4.2E-07
7440-62-2	Vanadium and Compounds	19.7	19.7	19.7					5.0E-02		3.2E-06	5.0E-02
7440-66-6	Zinc and Compounds	121	121	121					5.2E-03			5.2E-03
						Cumulative:		6.8E-06				4.7E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-6 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	0.259	0.259	0.259					2.5E-07			2.5E-07
7440-36-0	Antimony (metallic)	0.835	0.835	0.835					1.8E-03		1.1E-08	1.8E-03
7440-38-2	Arsenic, Inorganic	1.08	1.08	1.08	3.0E-07	6.3E-08	6.4E-12	3.6E-07	1.8E-03	3.9E-04	2.8E-07	2.2E-03
7440-39-3	Barium	45.9	45.9	45.9					2.0E-04		3.5E-07	2.0E-04
7440-41-7	Beryllium and compounds	0.245	0.245	0.245			8.1E-13	8.1E-13	1.0E-04		4.7E-08	1.0E-04
7440-43-9	Cadmium (Diet)	0.226	0.226	0.226			5.6E-13	5.6E-13	1.9E-03	3.3E-04	8.7E-08	2.3E-03
16065-83-1	Chromium(III), Insoluble Salts	10	10	10					5.7E-06			5.7E-06
7440-48-4	Cobalt	4.49	4.49	4.49			5.6E-11	5.6E-11	1.3E-02		2.9E-06	1.3E-02
7440-50-8	Copper	18	18	18					3.9E-04			3.9E-04
123-91-1	Dioxane, 1,4-	0.0736	0.0736	0.0736	2.3E-09		7.1E-10	3.0E-09	2.1E-06		1.3E-05	1.5E-05
7439-92-1	~Lead and Compounds	41.2	41.2	41.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	158	158	158					5.6E-03		1.2E-05	5.6E-03
7439-97-6	~Mercury (elemental)	0.0127	0.0127	0.0127							4.0E-04	4.0E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0227	0.0227	0.0227					3.2E-08		8.0E-08	1.1E-07
7440-02-0	Nickel Soluble Salts	13.5	13.5	13.5			4.8E-12	4.8E-12	5.8E-04		5.2E-06	5.8E-04
50-32-8	~Benzo[a]pyrene	0.51	0.51	0.51	1.6E-07	8.6E-08	4.2E-13	2.4E-07	1.5E-03	8.0E-04	9.8E-07	2.3E-03
205-99-2	~Benzo[b]fluoranthene	0.825	0.825	0.825	2.5E-08	1.4E-08	6.8E-14	3.9E-08				
206-44-0	~Fluoranthene	1.51	1.51	1.51					3.2E-05	1.8E-05		5.0E-05
129-00-0	~Pyrene	0.921	0.921	0.921					2.6E-05	1.4E-05		4.1E-05
7782-49-2	Selenium	0.268	0.268	0.268					4.6E-05		5.2E-11	4.6E-05
7440-22-4	Silver	0.219	0.219	0.219					3.8E-05			3.8E-05
108-88-3	Toluene	0.00206	0.00206	0.00206					2.2E-08		2.1E-08	4.3E-08
7440-62-2	Vanadium and Compounds	19.7	19.7	19.7					3.3E-03		7.6E-07	3.3E-03
7440-66-6	Zinc and Compounds	121	121	121					3.5E-04			3.5E-04
						Cumulative:		6.4E-07				3.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-6 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	0.259	0.259	0.259					1.6E-06			1.6E-06
7440-36-0	Antimony (metallic)	0.835	0.835	0.835					1.1E-02		1.6E-09	1.1E-02
7440-38-2	Arsenic, Inorganic	1.08	1.08	1.08	6.0E-07	8.4E-08	1.0E-12	6.8E-07	1.2E-02	1.4E-03	4.2E-08	1.3E-02
7440-39-3	Barium	45.9	45.9	45.9					1.3E-03		5.3E-08	1.3E-03
7440-41-7	Beryllium and compounds	0.245	0.245	0.245			1.3E-13	1.3E-13	6.7E-04		7.1E-09	6.7E-04
7440-43-9	Cadmium (Diet)	0.226	0.226	0.226			8.7E-14	8.7E-14	1.2E-02	1.2E-03	1.3E-08	1.4E-02
16065-83-1	Chromium(III), Insoluble Salts	10	10	10					3.7E-05			3.7E-05
7440-48-4	Cobalt	4.49	4.49	4.49			8.7E-12	8.7E-12	8.2E-02		4.3E-07	8.2E-02
7440-50-8	Copper	18	18	18					2.5E-03			2.5E-03
123-91-1	Dioxane, 1,4-	0.0736	0.0736	0.0736	4.5E-09		1.1E-10	4.6E-09	1.3E-05		2.0E-06	1.5E-05
7439-92-1	~Lead and Compounds	41.2	41.2	41.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	158	158	158					3.6E-02		1.8E-06	3.6E-02
7439-97-6	~Mercury (elemental)	0.0127	0.0127	0.0127							6.0E-05	6.0E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0227	0.0227	0.0227					2.1E-07		1.2E-08	2.2E-07
7440-02-0	Nickel Soluble Salts	13.5	13.5	13.5			7.5E-13	7.5E-13	3.7E-03		7.8E-07	3.7E-03
50-32-8	~Benzo[a]pyrene	0.51	0.51	0.51	**1.4E-06**	4.8E-07	1.8E-13	**1.9E-06**	9.3E-03	2.9E-03	1.5E-07	1.2E-02
205-99-2	~Benzo[b]fluoranthene	0.825	0.825	0.825	2.3E-07	7.7E-08	2.9E-14	3.1E-07				
206-44-0	~Fluoranthene	1.51	1.51	1.51					2.1E-04	6.4E-05		2.7E-04
129-00-0	~Pyrene	0.921	0.921	0.921					1.7E-04	5.2E-05		2.2E-04
7782-49-2	Selenium	0.268	0.268	0.268					2.9E-04		7.7E-12	2.9E-04
7440-22-4	Silver	0.219	0.219	0.219					2.4E-04			2.4E-04
108-88-3	Toluene	0.00206	0.00206	0.00206					1.4E-07		3.1E-09	1.4E-07
7440-62-2	Vanadium and Compounds	19.7	19.7	19.7					2.1E-02		1.1E-07	2.1E-02
7440-66-6	Zinc and Compounds	121	121	121					2.2E-03			2.2E-03
						Cumulative:		2.9E-06				2.0E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - 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:	12/8/2025
Prepared By:	Jonathan Olanin
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
0.112		67-64-1	Acetone			mg/kg	SED-7									
0.619	J	7440-36-0	Antimony (metallic)			mg/kg	SED-7									
4.04		7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
122	B	7440-39-3	Barium			mg/kg	SED-7									
0.507		7440-41-7	Beryllium and compounds			mg/kg	SED-7									
0.944		7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
18.2	B	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-7									
6.36		7440-48-4	Cobalt			mg/kg	SED-7									
55.7	B	7440-50-8	Copper			mg/kg	SED-7									
114		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
290		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
0.00927	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-7									
18.9		7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
0.459	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-7									
1.54	J	206-44-0	~Fluoranthene			mg/kg	SED-7									
0.948	J	129-00-0	~Pyrene			mg/kg	SED-7									
0.753	J	7782-49-2	Selenium			mg/kg	SED-7									
0.0264	J	7440-22-4	Silver			mg/kg	SED-7									
0.133	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-7									
23.6		7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
371		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	1.0E-05	1.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.6E-06	6.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	4.3E-06	4.3E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.112	0.112	0.112					1.6E-06			1.6E-06
7440-36-0	Antimony (metallic)	0.619	0.619	0.619					2.0E-02		3.3E-08	2.0E-02
7440-38-2	Arsenic, Inorganic	4.04	4.04	4.04	**5.2E-06**	7.4E-07	1.0E-10	6.0E-06	1.0E-01	1.2E-02	4.4E-06	1.2E-01
7440-39-3	Barium	122	122	122					7.8E-03		3.9E-06	7.8E-03
7440-41-7	Beryllium and compounds	0.507	0.507	0.507			7.3E-12	7.3E-12	3.2E-03		4.1E-07	3.2E-03
7440-43-9	Cadmium (Diet)	0.944	0.944	0.944			1.0E-11	1.0E-11	1.2E-01	1.1E-02	1.5E-06	1.3E-01
16065-83-1	Chromium(III), Insoluble Salts	18.2	18.2	18.2					1.6E-04			1.6E-04
7440-48-4	Cobalt	6.36	6.36	6.36			3.4E-10	3.4E-10	**2.7E-01**		1.7E-05	**2.7E-01**
7440-50-8	Copper	55.7	55.7	55.7					1.8E-02			1.8E-02
7439-92-1	~Lead and Compounds	114	114	114					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	290	290	290					1.5E-01		9.4E-05	1.5E-01
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00927	0.00927	0.00927					2.0E-07		1.4E-07	3.3E-07
7440-02-0	Nickel Soluble Salts	18.9	18.9	18.9			3.0E-11	3.0E-11	1.2E-02		3.1E-05	1.2E-02
50-32-8	~Benzo[a]pyrene	0.459	0.459	0.459	**3.0E-06**	**1.0E-06**	4.6E-12	4.0E-06	2.0E-02	6.0E-03	3.7E-06	2.6E-02
206-44-0	~Fluoranthene	1.54	1.54	1.54					4.9E-04	1.5E-04		6.4E-04
129-00-0	~Pyrene	0.948	0.948	0.948					4.0E-04	1.2E-04		5.3E-04
7782-49-2	Selenium	0.753	0.753	0.753					1.9E-03		6.1E-10	1.9E-03
7440-22-4	Silver	0.0264	0.0264	0.0264					6.8E-05			6.8E-05
7440-28-0	Thallium (Soluble Salts)	0.133	0.133	0.133					1.7E-01			1.7E-01
7440-62-2	Vanadium and Compounds	23.6	23.6	23.6					6.0E-02		3.8E-06	6.0E-02
7440-66-6	Zinc and Compounds	371	371	371					1.6E-02			1.6E-02
						Cumulative:		1.0E-05				**1.0E+00**

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000824

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.112	0.112	0.112					1.1E-07			1.1E-07
7440-36-0	Antimony (metallic)	0.619	0.619	0.619					1.3E-03		7.9E-09	1.3E-03
7440-38-2	Arsenic, Inorganic	4.04	4.04	4.04	**1.1E-06**	2.4E-07	2.4E-11	**1.3E-06**	6.9E-03	1.5E-03	1.0E-06	8.4E-03
7440-39-3	Barium	122	122	122					5.2E-04		9.4E-07	5.2E-04
7440-41-7	Beryllium and compounds	0.507	0.507	0.507			1.7E-12	1.7E-12	2.2E-04		9.8E-08	2.2E-04
7440-43-9	Cadmium (Diet)	0.944	0.944	0.944			2.3E-12	2.3E-12	8.1E-03	1.4E-03	3.6E-07	9.5E-03
16065-83-1	Chromium(III), Insoluble Salts	18.2	18.2	18.2					1.0E-05			1.0E-05
7440-48-4	Cobalt	6.36	6.36	6.36			7.9E-11	7.9E-11	1.8E-02		4.1E-06	1.8E-02
7440-50-8	Copper	55.7	55.7	55.7					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	114	114	114					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	290	290	290					1.0E-02		2.2E-05	1.0E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00927	0.00927	0.00927					1.3E-08		3.3E-08	4.6E-08
7440-02-0	Nickel Soluble Salts	18.9	18.9	18.9			6.8E-12	6.8E-12	8.1E-04		7.3E-06	8.2E-04
50-32-8	~Benzo[a]pyrene	0.459	0.459	0.459	1.4E-07	7.7E-08	3.8E-13	2.2E-07	1.3E-03	7.2E-04	8.8E-07	2.0E-03
206-44-0	~Fluoranthene	1.54	1.54	1.54					3.3E-05	1.8E-05		5.1E-05
129-00-0	~Pyrene	0.948	0.948	0.948					2.7E-05	1.5E-05		4.2E-05
7782-49-2	Selenium	0.753	0.753	0.753					1.3E-04		1.4E-10	1.3E-04
7440-22-4	Silver	0.0264	0.0264	0.0264					4.5E-06			4.5E-06
7440-28-0	Thallium (Soluble Salts)	0.133	0.133	0.133					1.1E-02			1.1E-02
7440-62-2	Vanadium and Compounds	23.6	23.6	23.6					4.0E-03		9.1E-07	4.0E-03
7440-66-6	Zinc and Compounds	371	371	371					1.1E-03			1.1E-03
						Cumulative:		1.6E-06				6.9E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.112	0.112	0.112					6.8E-07			6.8E-07
7440-36-0	Antimony (metallic)	0.619	0.619	0.619					8.5E-03		1.2E-09	8.5E-03
7440-38-2	Arsenic, Inorganic	4.04	4.04	4.04	**2.2E-06**	3.2E-07	3.7E-12	**2.6E-06**	4.4E-02	5.3E-03	1.6E-07	5.0E-02
7440-39-3	Barium	122	122	122					3.3E-03		1.4E-07	3.3E-03
7440-41-7	Beryllium and compounds	0.507	0.507	0.507			2.6E-13	2.6E-13	1.4E-03		1.5E-08	1.4E-03
7440-43-9	Cadmium (Diet)	0.944	0.944	0.944			3.6E-13	3.6E-13	5.2E-02	4.9E-03	5.4E-08	5.7E-02
16065-83-1	Chromium(III), Insoluble Salts	18.2	18.2	18.2					6.6E-05			6.6E-05
7440-48-4	Cobalt	6.36	6.36	6.36			1.2E-11	1.2E-11	1.2E-01		6.1E-07	1.2E-01
7440-50-8	Copper	55.7	55.7	55.7					7.6E-03			7.6E-03
7439-92-1	~Lead and Compounds	114	114	114					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	290	290	290					6.6E-02		3.3E-06	6.6E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00927	0.00927	0.00927					8.5E-08		4.9E-09	9.0E-08
7440-02-0	Nickel Soluble Salts	18.9	18.9	18.9			1.1E-12	1.1E-12	5.2E-03		1.1E-06	5.2E-03
50-32-8	~Benzo[a]pyrene	0.459	0.459	0.459	**1.3E-06**	4.3E-07	1.6E-13	**1.7E-06**	8.4E-03	2.6E-03	1.3E-07	1.1E-02
206-44-0	~Fluoranthene	1.54	1.54	1.54					2.1E-04	6.5E-05		2.8E-04
129-00-0	~Pyrene	0.948	0.948	0.948					1.7E-04	5.3E-05		2.3E-04
7782-49-2	Selenium	0.753	0.753	0.753					8.3E-04		2.2E-11	8.3E-04
7440-22-4	Silver	0.0264	0.0264	0.0264					2.9E-05			2.9E-05
7440-28-0	Thallium (Soluble Salts)	0.133	0.133	0.133					7.3E-02			7.3E-02
7440-62-2	Vanadium and Compounds	23.6	23.6	23.6					2.6E-02		1.4E-07	2.6E-02
7440-66-6	Zinc and Compounds	371	371	371					6.8E-03			6.8E-03
						Cumulative:		4.3E-06				4.3E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Walltown Park
Site Address:	1308 W. Club Boulevard, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000824
Exposure Unit ID:	SED-8 Risk Assessment
Submittal Date:	12/8/2025
Prepared By:	Jonathan Olanin
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
0.205		67-64-1	Acetone			mg/kg	SED-8									
1.11		7440-38-2	Arsenic, Inorganic			mg/kg	SED-8									
25.3	F1 B	7440-39-3	Barium			mg/kg	SED-8									
0.147	J	7440-41-7	Beryllium and compounds			mg/kg	SED-8									
0.193	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-8									
7.85	B	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-8									
3.62		7440-48-4	Cobalt			mg/kg	SED-8									
15.5	B	7440-50-8	Copper			mg/kg	SED-8									
68.1		7439-92-1	~Lead and Compounds			mg/kg	SED-8									
121		7439-96-5	Manganese (Non-diet)			mg/kg	SED-8									
0.0176	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-8									
10.2		7440-02-0	Nickel Soluble Salts			mg/kg	SED-8									
0.442	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-8									
0.642	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-8									
1.4	J	206-44-0	~Fluoranthene			mg/kg	SED-8									
0.893	J	129-00-0	~Pyrene			mg/kg	SED-8									
0.236	J	7782-49-2	Selenium			mg/kg	SED-8									
0.0457	J B	7440-22-4	Silver			mg/kg	SED-8									
0.097	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-8									
12.7	F1	7440-62-2	Vanadium and Compounds			mg/kg	SED-8									
84.6		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	6.0E-06	4.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.1E-07	3.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.6E-06	2.0E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.205	0.205	0.205					2.9E-06			2.9E-06
7440-38-2	Arsenic, Inorganic	1.11	1.11	1.11	**1.4E-06**	2.0E-07	2.9E-11	1.6E-06	2.8E-02	3.4E-03	1.2E-06	3.2E-02
7440-39-3	Barium	25.3	25.3	25.3					1.6E-03		8.2E-07	1.6E-03
7440-41-7	Beryllium and compounds	0.147	0.147	0.147			2.1E-12	2.1E-12	9.4E-04		1.2E-07	9.4E-04
7440-43-9	Cadmium (Diet)	0.193	0.193	0.193			2.1E-12	2.1E-12	2.5E-02	2.3E-03	3.1E-07	2.7E-02
16065-83-1	Chromium(III), Insoluble Salts	7.85	7.85	7.85					6.7E-05			6.7E-05
7440-48-4	Cobalt	3.62	3.62	3.62			2.0E-10	2.0E-10	1.5E-01		9.8E-06	1.5E-01
7440-50-8	Copper	15.5	15.5	15.5					5.0E-03			5.0E-03
7439-92-1	~Lead and Compounds	68.1	68.1	68.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	121	121	121					6.4E-02		3.9E-05	6.4E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0176	0.0176	0.0176					3.8E-07		2.6E-07	6.3E-07
7440-02-0	Nickel Soluble Salts	10.2	10.2	10.2			1.6E-11	1.6E-11	6.5E-03		1.6E-05	6.5E-03
50-32-8	~Benzo[a]pyrene	0.442	0.442	0.442	**2.9E-06**	9.6E-07	4.4E-12	3.8E-06	1.9E-02	5.8E-03	3.6E-06	2.5E-02
205-99-2	~Benzo[b]fluoranthene	0.642	0.642	0.642	4.2E-07	1.4E-07	6.4E-13	5.6E-07				
206-44-0	~Fluoranthene	1.4	1.4	1.4					4.5E-04	1.4E-04		5.9E-04
129-00-0	~Pyrene	0.893	0.893	0.893					3.8E-04	1.2E-04		5.0E-04
7782-49-2	Selenium	0.236	0.236	0.236					6.0E-04		1.9E-10	6.0E-04
7440-22-4	Silver	0.0457	0.0457	0.0457					1.2E-04			1.2E-04
7440-28-0	Thallium (Soluble Salts)	0.097	0.097	0.097					1.2E-01			1.2E-01
7440-62-2	Vanadium and Compounds	12.7	12.7	12.7					3.2E-02		2.1E-06	3.2E-02
7440-66-6	Zinc and Compounds	84.6	84.6	84.6					3.6E-03			3.6E-03
						Cumulative:		6.0E-06				4.8E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.205	0.205	0.205					2.0E-07			2.0E-07
7440-38-2	Arsenic, Inorganic	1.11	1.11	1.11	3.1E-07	6.5E-08	6.6E-12	3.7E-07	1.9E-03	4.0E-04	2.8E-07	2.3E-03
7440-39-3	Barium	25.3	25.3	25.3					1.1E-04		1.9E-07	1.1E-04
7440-41-7	Beryllium and compounds	0.147	0.147	0.147			4.8E-13	4.8E-13	6.3E-05		2.8E-08	6.3E-05
7440-43-9	Cadmium (Diet)	0.193	0.193	0.193			4.8E-13	4.8E-13	1.7E-03	2.8E-04	7.4E-08	1.9E-03
16065-83-1	Chromium(III), Insoluble Salts	7.85	7.85	7.85					4.5E-06			4.5E-06
7440-48-4	Cobalt	3.62	3.62	3.62			4.5E-11	4.5E-11	1.0E-02		2.3E-06	1.0E-02
7440-50-8	Copper	15.5	15.5	15.5					3.3E-04			3.3E-04
7439-92-1	~Lead and Compounds	68.1	68.1	68.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	121	121	121					4.3E-03		9.3E-06	4.3E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0176	0.0176	0.0176					2.5E-08		6.2E-08	8.7E-08
7440-02-0	Nickel Soluble Salts	10.2	10.2	10.2			3.6E-12	3.6E-12	4.4E-04		3.9E-06	4.4E-04
50-32-8	~Benzo[a]pyrene	0.442	0.442	0.442	1.4E-07	7.4E-08	3.6E-13	2.1E-07	1.3E-03	6.9E-04	8.5E-07	2.0E-03
205-99-2	~Benzo[b]fluoranthene	0.642	0.642	0.642	2.0E-08	1.1E-08	5.3E-14	3.0E-08				
206-44-0	~Fluoranthene	1.4	1.4	1.4					3.0E-05	1.6E-05		4.6E-05
129-00-0	~Pyrene	0.893	0.893	0.893					2.5E-05	1.4E-05		4.0E-05
7782-49-2	Selenium	0.236	0.236	0.236					4.0E-05		4.5E-11	4.0E-05
7440-22-4	Silver	0.0457	0.0457	0.0457					7.8E-06			7.8E-06
7440-28-0	Thallium (Soluble Salts)	0.097	0.097	0.097					8.3E-03			8.3E-03
7440-62-2	Vanadium and Compounds	12.7	12.7	12.7					2.2E-03		4.9E-07	2.2E-03
7440-66-6	Zinc and Compounds	84.6	84.6	84.6					2.4E-04			2.4E-04
						Cumulative:		6.1E-07				3.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.205	0.205	0.205					1.2E-06			1.2E-06
7440-38-2	Arsenic, Inorganic	1.11	1.11	1.11	6.2E-07	8.7E-08	1.0E-12	7.0E-07	1.2E-02	1.4E-03	4.3E-08	1.4E-02
7440-39-3	Barium	25.3	25.3	25.3					6.9E-04		2.9E-08	6.9E-04
7440-41-7	Beryllium and compounds	0.147	0.147	0.147			7.6E-14	7.6E-14	4.0E-04		4.2E-09	4.0E-04
7440-43-9	Cadmium (Diet)	0.193	0.193	0.193			7.4E-14	7.4E-14	1.1E-02	1.0E-03	1.1E-08	1.2E-02
16065-83-1	Chromium(III), Insoluble Salts	7.85	7.85	7.85					2.9E-05			2.9E-05
7440-48-4	Cobalt	3.62	3.62	3.62			7.0E-12	7.0E-12	6.6E-02		3.5E-07	6.6E-02
7440-50-8	Copper	15.5	15.5	15.5					2.1E-03			2.1E-03
7439-92-1	~Lead and Compounds	68.1	68.1	68.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	121	121	121					2.8E-02		1.4E-06	2.8E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0176	0.0176	0.0176					1.6E-07		9.3E-09	1.7E-07
7440-02-0	Nickel Soluble Salts	10.2	10.2	10.2			5.7E-13	5.7E-13	2.8E-03		5.9E-07	2.8E-03
50-32-8	~Benzo[a]pyrene	0.442	0.442	0.442	**1.2E-06**	4.1E-07	1.6E-13	**1.6E-06**	8.1E-03	2.5E-03	1.3E-07	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.642	0.642	0.642	1.8E-07	6.0E-08	2.3E-14	2.4E-07				
206-44-0	~Fluoranthene	1.4	1.4	1.4					1.9E-04	5.9E-05		2.5E-04
129-00-0	~Pyrene	0.893	0.893	0.893					1.6E-04	5.0E-05		2.1E-04
7782-49-2	Selenium	0.236	0.236	0.236					2.6E-04		6.8E-12	2.6E-04
7440-22-4	Silver	0.0457	0.0457	0.0457					5.0E-05			5.0E-05
7440-28-0	Thallium (Soluble Salts)	0.097	0.097	0.097					5.3E-02			5.3E-02
7440-62-2	Vanadium and Compounds	12.7	12.7	12.7					1.4E-02		7.3E-08	1.4E-02
7440-66-6	Zinc and Compounds	84.6	84.6	84.6					1.5E-03			1.5E-03
						Cumulative:		2.6E-06				2.0E-01