Remedial Investigation Report
City of Durham Parks – Northgate Park, NONCD0000825
300 West Club Blvd. & 404 West Lavender Ave.
Durham, Durham County, North Carolina
Task Order RI-10A
S&ME Project No. 23050630

PREPARED FOR:

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

PREPARED BY:

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

April 6, 2026

April 6, 2026

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

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

Reference: **Remedial Investigation-Soil Gas, Groundwater & Surface Water/Sediment Report**
Northgate Park – 300 West Club Blvd. & 404 West Lavender Ave.
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
NCDEQ Task Orders 825RI-10A
S&ME Project No. 23050630

Dear Mr. Kelt:

S&ME, Inc. (S&ME) is submitting this report summarizing the results of the Remedial Investigation Waste Delineation activities conducted at the above-referenced site in Durham, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposal No. 23050630BM, dated September 30, 2025, for Task Order 825RI-10A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

Sincerely,

S&ME, Inc.

Jennifer Petzold
Project Manager
JenniferPetzold@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. 23050630BM, dated September 30, 2025, for Task Order 825RI-10A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

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

2.0 Landfill Gas Assessment

2.1 Soil Gas Probe Field Screening Methods

The landfill gas probe (LFGP) and landfill gas implant (LFGI) construction details are presented in **Table 1** and the location of the LFGPs are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I**. On December 10, 2025, landfill gas probes and implants were screened for landfill gas. LFGP-2 could not be located on the day of screening, therefore, field screening parameters were not recorded. Portable meters were used to collect the following parameters at each LFGP and LFGI screening location:

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

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

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

2.2 Landfill Gas Screening Results

2.2.1 Volatile Organic Compounds

During the screening event, VOCs were not detected in any of the LFGP or LFGI screening locations.

2.2.2 Methane

During the screening event, methane was not detected at any of the LFGP or LFGI screening locations.

2.2.3 Hydrogen Sulfide

During the screening event, hydrogen sulfide was not detected in any of the LFGP or LFGI screening locations.

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

2.3 Landfill Gas Sampling

On December 19, 2025, S&ME personnel used batch-certified sampling canisters to collect samples (including a duplicate sample) from five landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, Methane by ASTM Method D1946, Mercury by NIOSH 6009, and Hydrogen sulfide by EPA Method D5504.

2.3.1 Shut-in Testing

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

2.3.2 Helium Leak Testing

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

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

2.3.3 Purging and Sampling

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

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

2.4 Landfill Gas Sample Results

For this assessment, only compounds detected above the laboratory detection limits were entered into the NCDEQ Risk Calculator. As a result, additional sampling may be necessary to further evaluate potential risk from landfill gas at the site.

The laboratory reported detections of multiple VOCs and other analytes in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of the soil gas to the indoor air pathway. The Residential Receptor Risk and Non-Residential Worker Receptor Risk were not exceeded at any sample location. Methane did not exceed the LEL (5%) in any of the samples. Hydrogen Sulfide was not detected at any sample location. A duplicate sample for Hydrogen Sulfide was not collected during the sampling event. See **Section 5.0** for the Risk Calculator details.

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

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

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

On December 2, 2025, the depth to groundwater was measured in each monitor well with an electronic water level meter. A licensed surveyor located and measured horizontal coordinates and vertical elevations for the monitor wells under Task Order 821DP-6. The approximate depth of groundwater and elevations at each monitor well are displayed on **Table 4** and are represented on **Figure 4**. Groundwater generally flows southwest towards the surface water feature in the center of the site. The surface water flows to the southeast.

Before sample collection, the monitor wells were purged using a monsoon pump or peristaltic pump, and field parameter data (pH, temperature, conductivity, and turbidity) was recorded (**Table 5**). Groundwater sampling field forms are included with the field documents in **Appendix II**. Once three well volumes were purged, groundwater samples were collected, placed on ice, and sent under the chain-of-custody protocol to Eurofins | Environment Testing America (Eurofins) in Savannah, Georgia, for analysis. Analysis includes VOCs by EPA Method 8260D, semi-volatile-organic compounds (SVOCs) by EPA Method 8270E, 1,4 Dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7470A, nitrate by Method 353.2, sulfate by EPA Method SM 4500 SO4 E, and ammonia by EPA Method 350.1.

3.2 Monitor Well Sample Results

The laboratory reported detections of multiple constituents above their laboratory method detection limits (MDLs) and NCAC 2L Groundwater Standards. Analytes that were detected at concentrations exceeding the respective NCAC 2L Groundwater Standards are shown on **Figure 3**. See **Table 6** for a summary of the groundwater analytical results.

Manganese and cobalt were detected in groundwater samples at concentrations exceeding the North Carolina 2L Groundwater Standards of 50 micrograms per liter (µg/L) and 1 µg/L respectively. These manganese levels may be attributed to the natural weathering of manganese-bearing minerals within the local geology rather than a site-related release. Under 15A NCAC 02L .0202(b)(3), where naturally occurring substances exceed the established standard, the local background concentration is considered the applicable standard.

4.0 Surface Water and Sediment Sampling

On December 9, 2025, S&ME collected surface water and stream sediment samples for laboratory analysis from six locations. Surface water sample locations are identified as SW-1 through SW-6 with laboratory data presented on **Table 7.** Stream sediment sample locations are identified as SED-1 through SED-6 with laboratory data summarized on **Table 8**. Surface water and stream sediment locations SED/SW-1 through SED/SW-6 are shown on **Figure 5** and **Figure 6**, respectively.

Surface water and stream sediment samples were collected, placed in a cooler with ice, and delivered under chain-of-custody protocol to Eurofins. Analysis includes VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, 1-4, Dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7470A, nitrate by EPA method 353.2, sulfate by EPA Method 9056A, 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-6. No exceedances of the 15A NCAC 02B (2B Standards) surface water quality standards were documented. Several other detections were reported, however 2B Standards are not established for those constituents.

The NCDEQ Risk Calculator was used to assess the risk for direct contact of surface water and are shown on **Figure 5**. 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. See **Section 5.0** for the Risk Calculator details.

4.1.2 Sediment Sampling Results

The laboratory reported detections of multiple constituents above their laboratory method detection limits (MDLs) and EPA Resident Soil Screening Levels (RSLs). **Table 8** summarizes sediment analytical results for samples collected from locations SED-1 through SED-6. The laboratory report and chain of custody record are included in **Appendix III**.

The NCDEQ Risk Calculator was used to assess the risk for direct contact of soil. The carcinogenic risk and non-carcinogenic hazard index for each of the sediment sample locations were not exceeded for all receptors. Exceedances of the USEPA RSLs and the risk calculator risk assessment are shown on **Figure 6**. See **Section 5.0** for the Risk Calculator details.

5.0 NCDEQ Risk Calculator

S&ME used the January 2025 version 2 of NCDEQ's Risk Calculator, downloaded from the NCDEQ website to quantify the risks from different exposure points (landfill gas, surface water, and sediment) that contain concentrations of chemicals that potentially cause cancer (carcinogens) and chemicals not known to cause cancer (noncarcinogens). The Risk Calculator was used to show the risks these exposure points pose to park users. Carcinogenic and noncarcinogenic effects are evaluated separately as discussed below.

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

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

5.1 Landfill Gas Samples

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

5.2 Surface Water Samples

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

5.3 Sediment Samples

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

Appendix IV contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, named 825-LFGP-DUP, was collected on December 19, 2025, from LFGP-5. Analytical results of the duplicate sample were within an acceptable relative difference with the record samples. No soil gas duplicate for hydrogen sulfide analysis was collected.

Groundwater Duplicates

- One groundwater duplicate sample, named 120225-Dup-1, was collected on December 2, 2025, from MW-3. Analytical results of the duplicate sample were within an acceptable relative difference with the record samples.

Surface Water/Sediment Duplicates

- One duplicate sample was collected for the day of sampling for both surface water and sediment, named SW-DUP and SED-DUP, respectively. The surface water duplicate was taken at SW-3, and the sediment duplicate was taken at SED-3. 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 and surface water sampling event and analyzed for VOCs by 8260D. No analytes were reported above the laboratory's minimum detection limit.

7.0 Work Plan Deviation

LFGP-2 could not be located during the screening event; screening parameters were not documented for LFGP-2. A duplicate sample for hydrogen sulfide was not collected. No other 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. 23050630BM, dated September 30, 2025, for Task Order 825RI-10A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

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

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

Signature of Environmental Consultant

April 6, 2026
Date

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

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

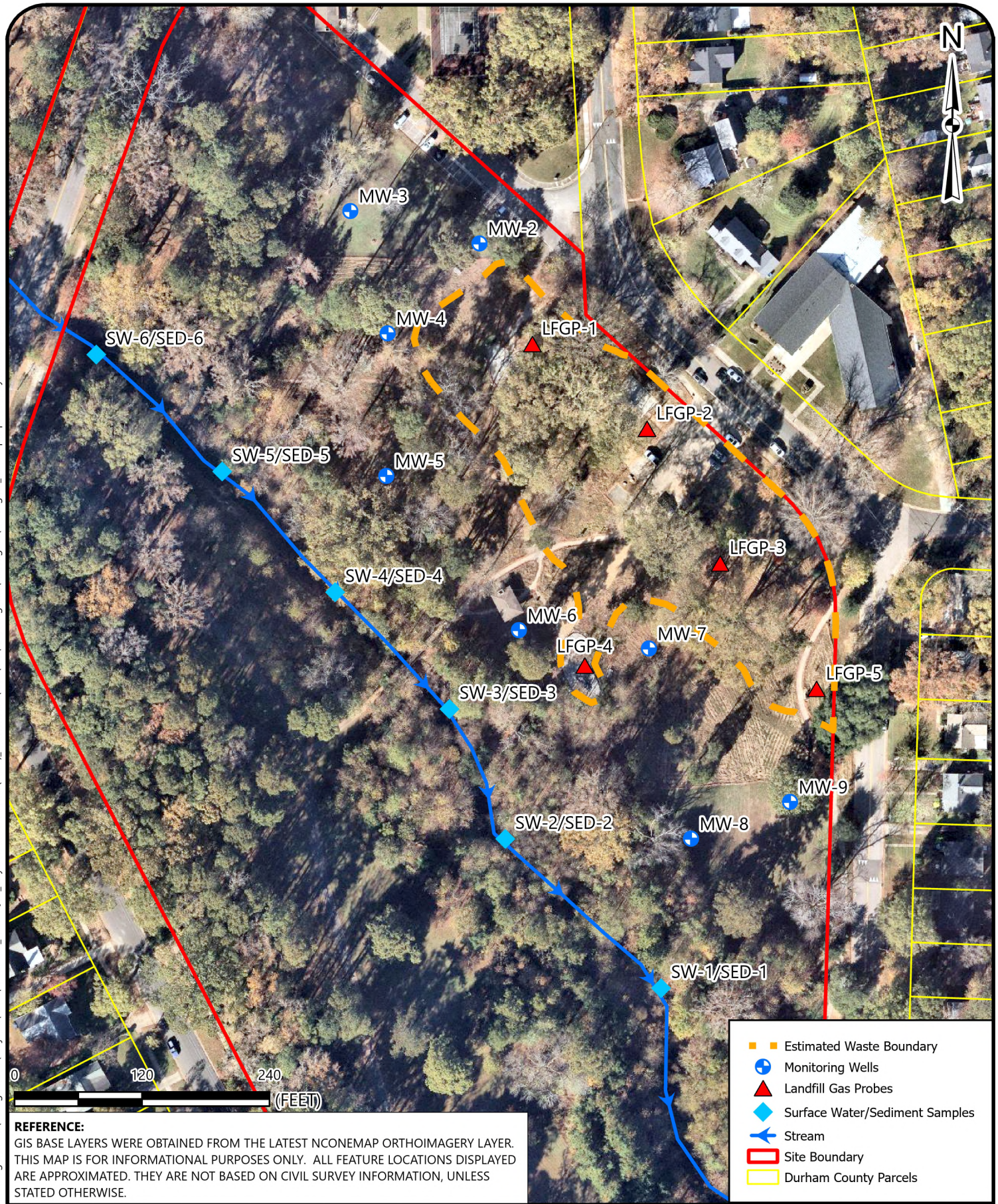
(OFFICIAL SEAL)

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



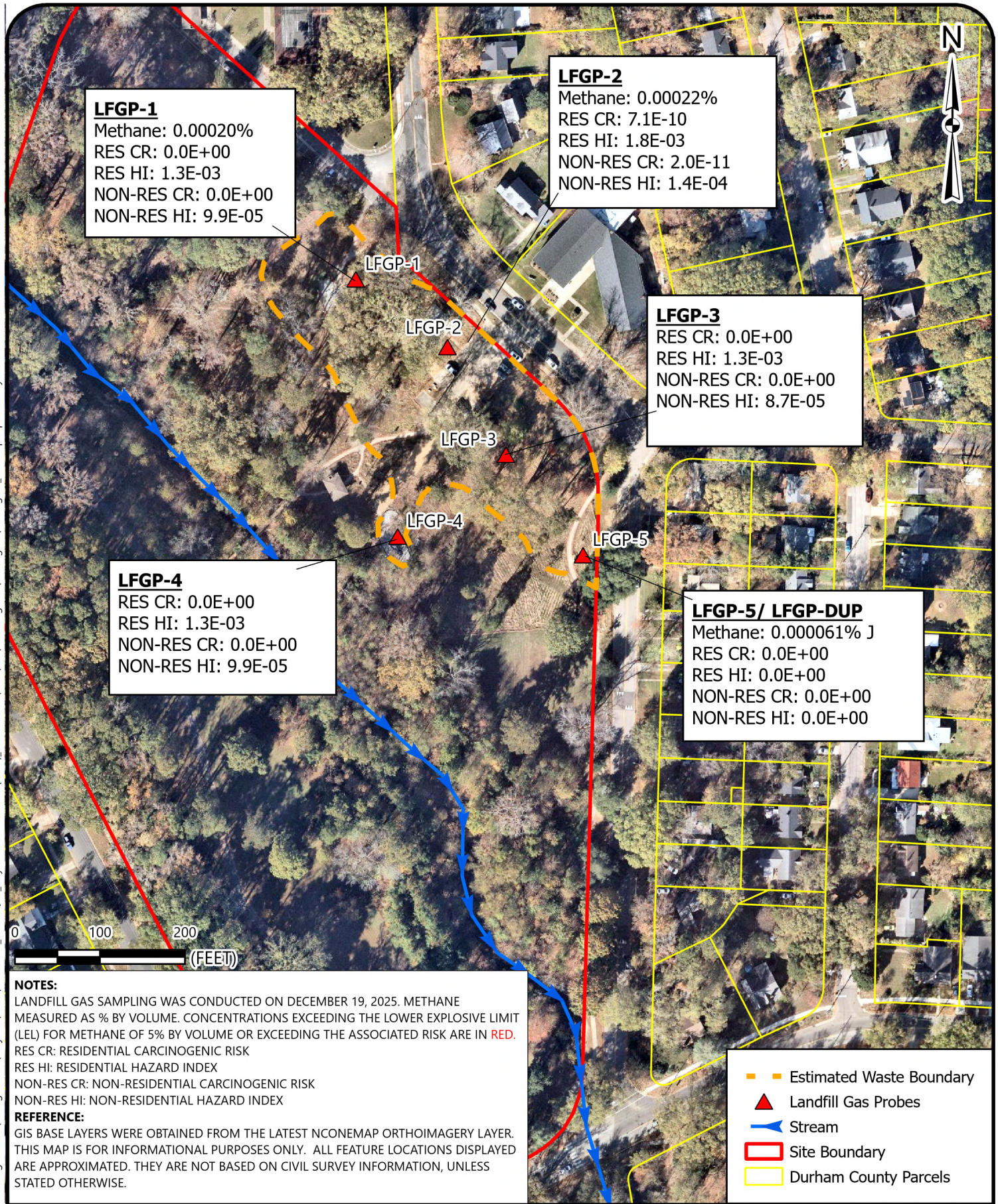
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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

SITE MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-10/10A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 120 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 1



NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON DECEMBER 19, 2025. METHANE MEASURED AS % BY VOLUME. CONCENTRATIONS EXCEEDING THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE OF 5% BY VOLUME OR EXCEEDING THE ASSOCIATED RISK ARE IN RED.
RES CR: RESIDENTIAL CARCINOGENIC RISK
RES HI: RESIDENTIAL HAZARD INDEX
NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK
NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

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

LANDFILL GAS RISK ASSESSMENT & ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-10A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 100 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 2

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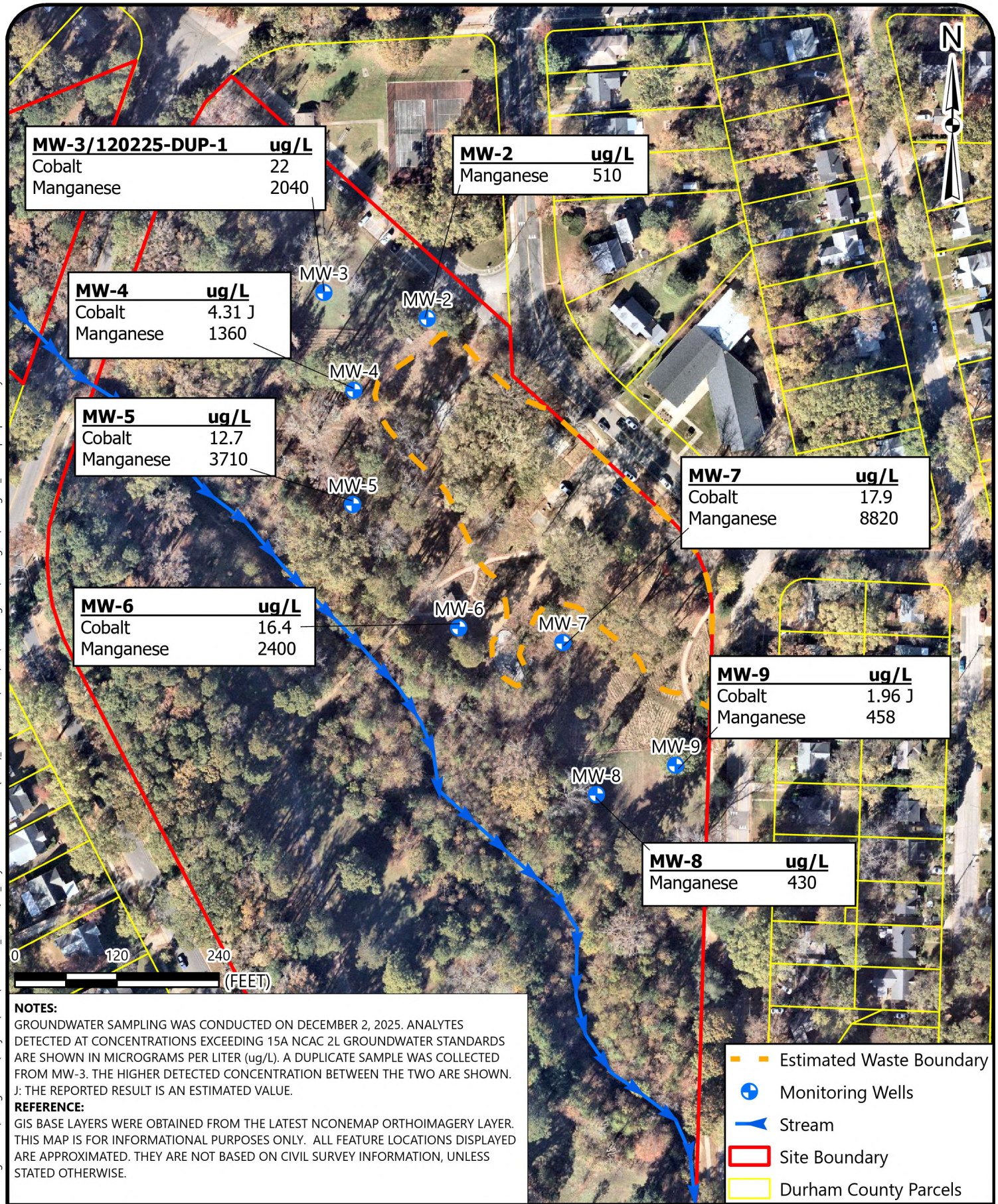


NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON DECEMBER 2, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). A DUPLICATE SAMPLE WAS COLLECTED FROM MW-3. THE HIGHER DETECTED CONCENTRATION BETWEEN THE TWO ARE SHOWN.
J: THE REPORTED RESULT IS AN ESTIMATED VALUE.

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.

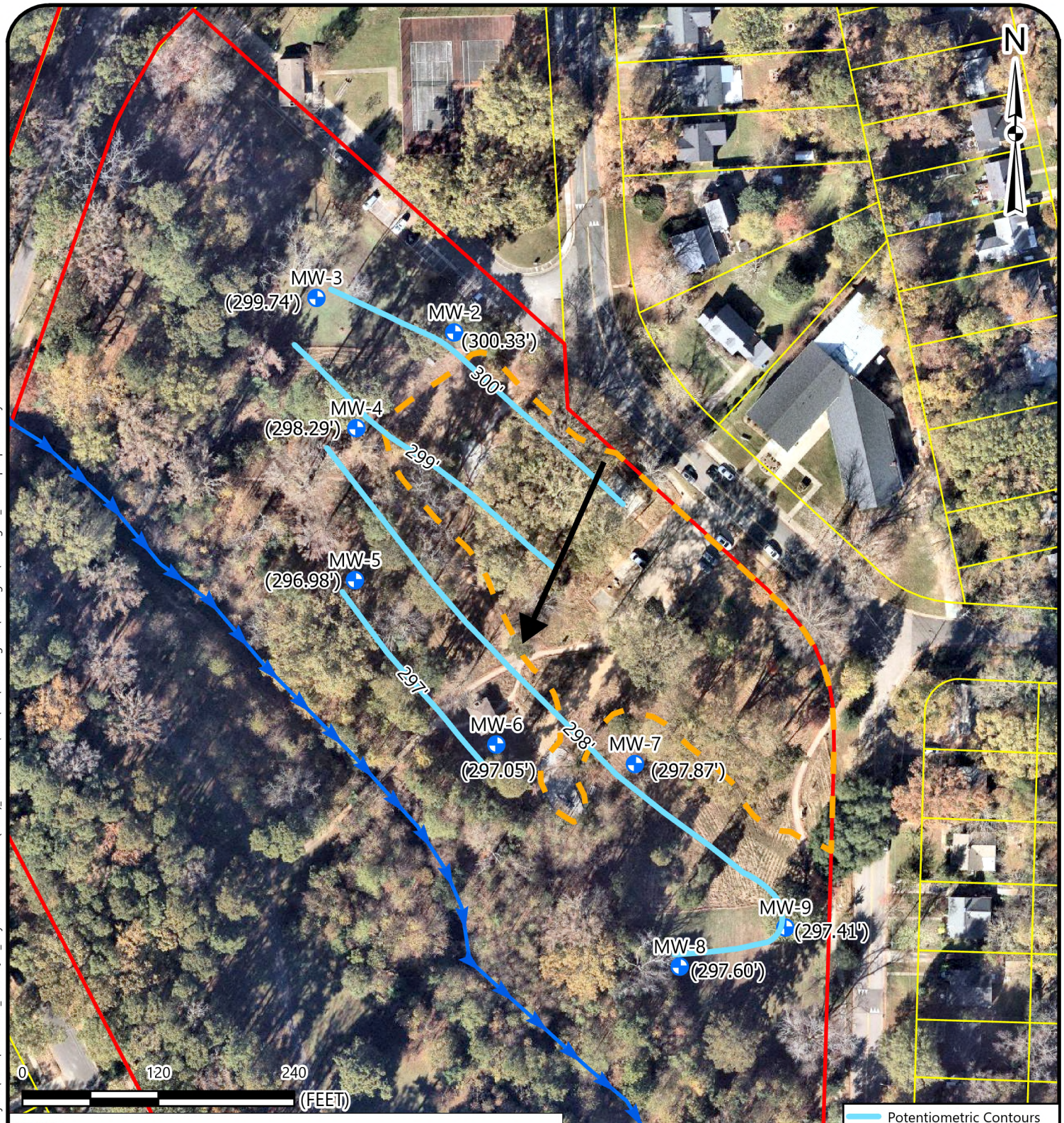
- Estimated Waste Boundary
- Monitoring Wells
- Stream
- Site Boundary
- Durham County Parcels

GROUNDWATER ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-10A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 120 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 3

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



NOTES:
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN ON DECEMBER 2, 2025.
ELEVATION IS MEASURED IN FEET ABOVE MEAN SE LEVEL (FT-AMSL).
APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROW.

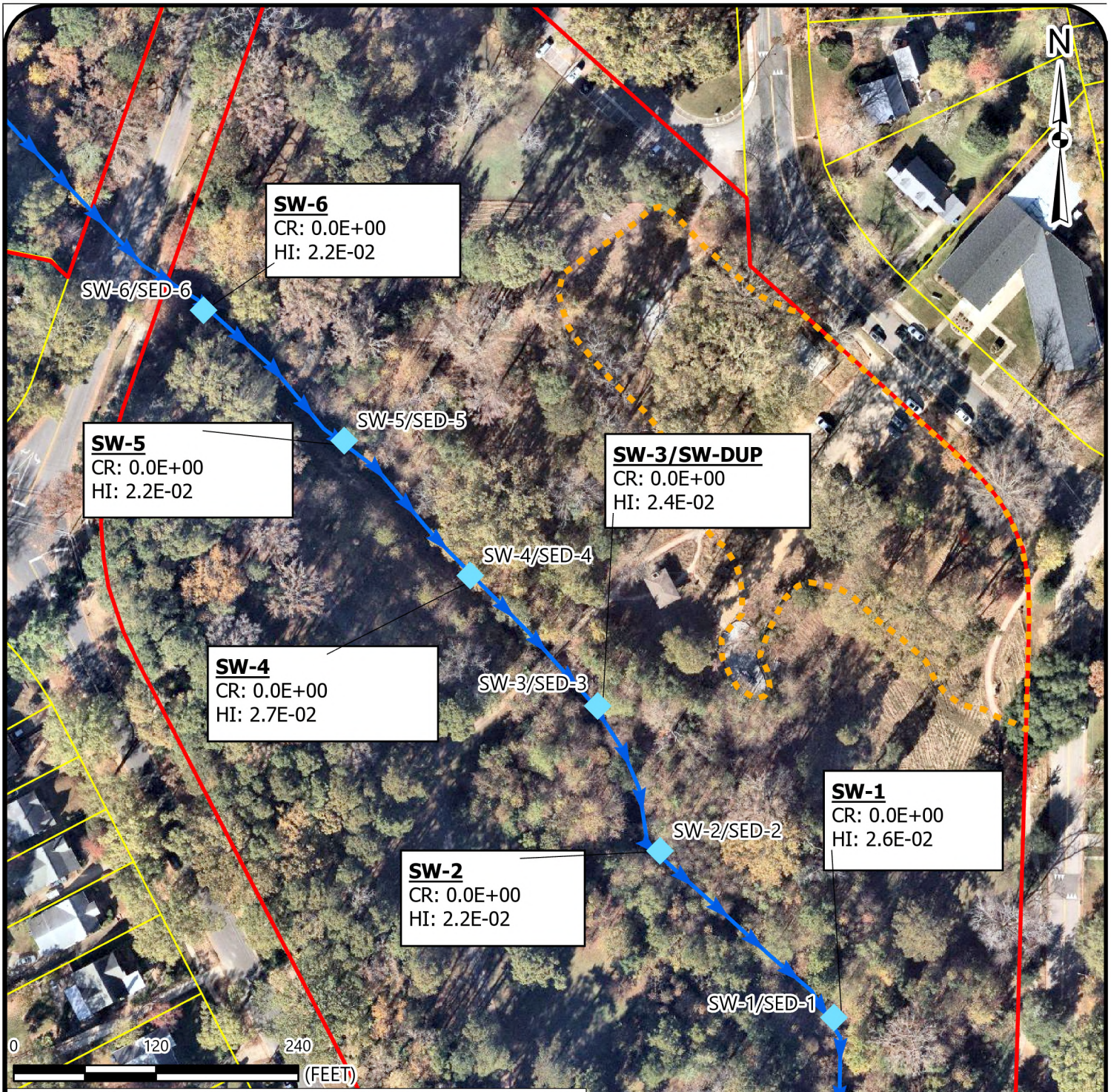
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER POTENTIOMETRIC MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-0A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 120 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 4

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



NOTES:
SURFACE WATER SAMPLING WAS CONDUCTED ON DECEMBER 9, 2025. NO ANALYTES WERE DETECTED AT CONCENTRATIONS EXCEEDING THE NCAC 2B SURFACE WATER STANDARDS. A DUPLICATE SAMPLE WAS COLLECTED FROM SW-3. THE HIGHER DETECTED CONCENTRATION IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER RECEPTOR.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE 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.

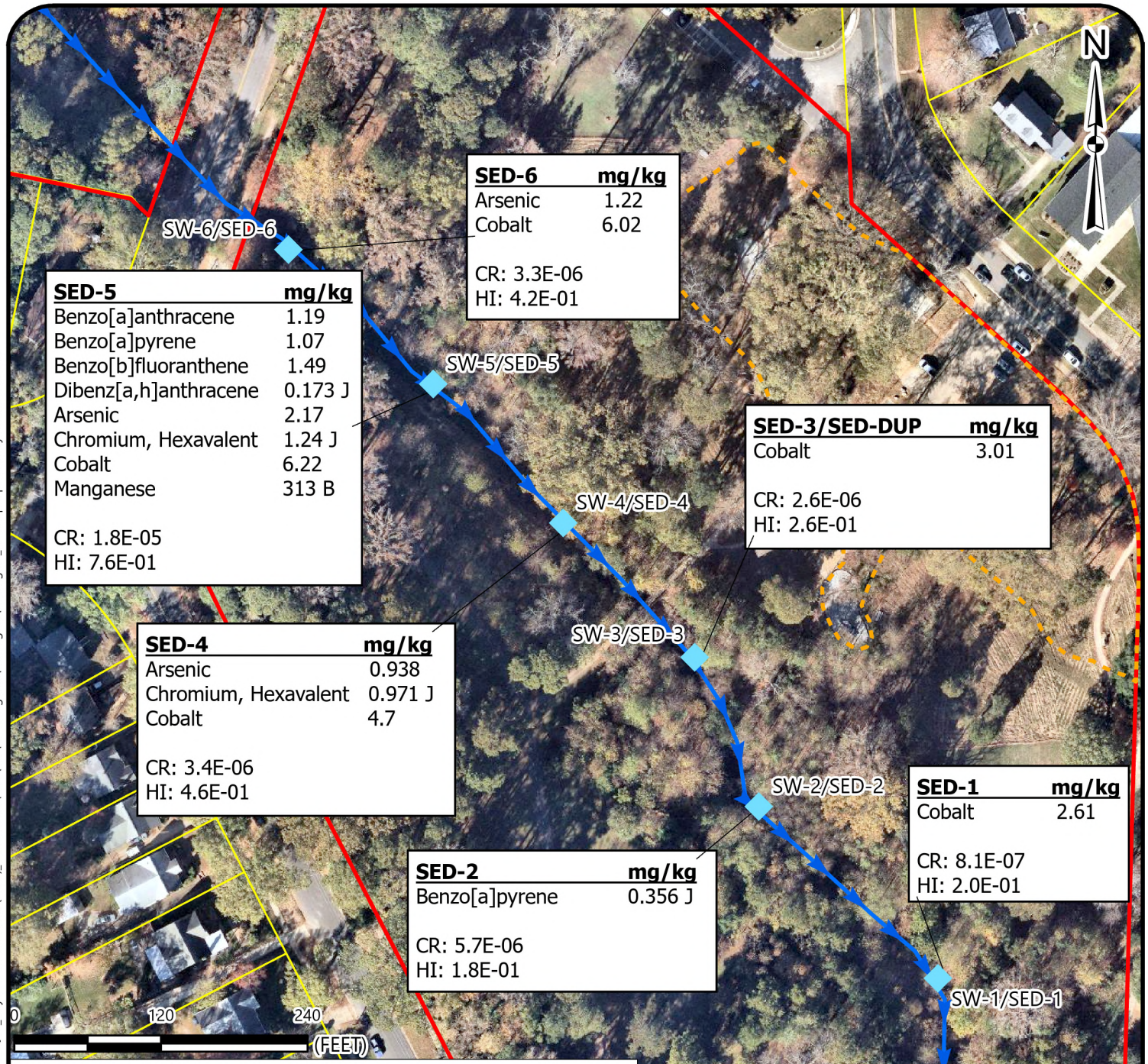
- Estimated Waste Boundary
- Surface Water/Sediment Samples
- Stream
- Site Boundary
- Durham County Parcels

SURFACE WATER RISK ASSESSMENT & ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-10A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 120 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 5

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



NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON DECEMBER 9, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSLs) FOR SOIL ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/kg). A DUPLICATE SAMPLE WAS COLLECTED AT SED-3. THE HIGHER DETECTED CONCENTRATION IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RESIDENTIAL RECEPTOR.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX
J: ESTIMATED VALUE IS LESS THAN THE REPORTING LIMIT BUT EXCEEDS THE METHOD DETCTION LIMIT.
B: COMPOUND WAS DETECTED IN THE BLANK AND SAMPLE

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.

SEDIMENT RISK ASSESSMENT & ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-10A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 120 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 6

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

Tables

TABLE 1
Landfill Gas Probe & Gas Implant Construction Details
City of Durham Parks -Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10/10A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)	Screen Interval (ft-bgs)	Grout Interval (ft-bgs)	Bentonite Interval (ft-bgs)	Filter Pack Interval (ft-bgs)
LFGP-1	4/11/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0
LFGP-2	4/11/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0
LFGP-3	4/11/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0
LFGP-4	4/11/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0
LFGP-5	4/11/25	Flushmount-Gas Implant	1/4" tubing	3.0	NA	2.5 - 3.0	0.0 - 1.5	1.5 - 2.0	2.0 - 3.0

Notes:
All landfill gas points 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 - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10/10A

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

Notes:

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

PPM-V: Parts Per Million by Volume in Air

NM: Not Measured; LFGP-2 could not be located on the day of screening.

LFGP-2 was not found during screening

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 - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Analyte	CAS Number	Sample ID	825-LFGP-1	825-LFGP-2	825-LFGP-3	825-LFGP-4	825-LFGP-5	825-LFGP-DUP
				Date Collected	12/19/2025	12/19/2025	12/19/2025	12/19/2025	12/19/2025	12/19/2025
Volatile Organic Compounds by Method TO-15 (µg/m3)		Acetone	67-64-1		**13 J**	**24**	**9.3 J**	**8.1 J**	<15	<33
		Chloroform	67-66-3		<1.4	<1.5	**2.0 J**	<1.1	<3	<6.9
		Ethanol	64-17-5		**22 *-*1**	**24 *-*1**	**7.7 J*-*1**	**12 J*-*1**	<12	<26
		Freon 12	75-71-8		**2.2 J**	**2.2 J**	**2.3 J**	**2.1 J**	<3.1	<3.1
		Methylene Chloride	75-09-2		<1.9	**2.4 J**	<1.6	<1.6	<4.2	<9.5
		2-Propanol	67-63-0		**4.3 J**	**7.3 J**	**3.0 J**	**4.5 J**	<6	<14
ASTM D5504-12 (µg/m³)		Hydrogen Sulfide	7783-06-4		<13.9	<13.9	<13.9	<13.9	<13.9	**NC**
NIOSH 6009 (µg/m³)		Mercury	7439-97-6		<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
EPA Method Modified ASTM D-1946 (%)		Methane	74-82-8		**0.00020**	**0.00022**	<0.00014	<0.00014	**0.000061 J**	<0.00015
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			0.0E+00	7.1E-10	0.0E+00	0.0E+00	0.0E+00	See LFGP-5 Risk Assessment.
		Non-Carcinogenic Hazard Quotient			1.3E-03	1.8E-03	1.1E-03	1.3E-03	0.0E+00	
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			0.0E+00	2.0E-11	0.0E+00	0.0E+00	0.0E+00	
		Non-Carcinogenic Hazard Quotient			9.9E-05	1.4E-04	8.7E-05	9.9E-05	0.0E+00	

Notes:
µg/m^3: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
NC: A duplicate sample for hydrogen sulfide was not collected.
Concentrations not were entered into the NCDEQ Risk Calculator (January 2025 Version), Compound not in Calculator.
Exceedes the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
825-LFGP-DUP was taken at LFGP-5.
Concentrations shown in BOLD exceed the laboratory method detection limit.
NCDEQ Risk Calculator Values shown in red exceed risk.
NIOSH 6009 Mercury Samples were collected on December 22, 2025.

TABLE 4
Groundwater Monitor Well Construction Details & Groundwater Levels
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10/10A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)			Screen Interval (ft-bgs)			Grout Interval (ft-bgs)			Bentonite Interval (ft-bgs)			Filter Pack Interval (ft-bgs)			Top of Casing Elevation (ft-amsl)	Date Water Level Measured	Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
MW-1	Not Installed																						
MW-2	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	29.0	0.0	to	9.0	9.0	to	29.0	0.0	to	5.0	5.0	to	7.0	7.0	to	29.0	304.17'	12/2/2025	3.84	300.33
MW-3	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	15.0	0.0	to	5.0	5.0	to	15.0	0.0	to	3.0	3.0	to	4.0	4.0	to	15.0	303.19'	12/2/2025	3.45	299.74
MW-4	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	15.0	0.0	to	5.0	5.0	to	15.0	0.0	to	3.0	3.0	to	4.0	4.0	to	15.0	302.95'	12/2/2025	4.66	298.29
MW-5	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	14.0	0.0	to	4.0	4.0	to	14.0	0.0	to	2.0	2.0	to	3.0	3.0	to	14.0	303.22'	12/2/2025	6.24	296.98
MW-6	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	17.0	0.0	to	7.0	7.0	to	17.0	0.0	to	3.0	3.0	to	5.0	5.0	to	17.0	302.55'	12/2/2025	5.5	297.05
MW-7	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	13.5	0.0	to	3.5	3.5	to	13.5	0.0	to	2.0	2.0	to	3.0	3.0	to	13.5	302.32'	12/2/2025	4.45	297.87
MW-8	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	16.5	0.0	to	6.5	6.5	to	16.5	0.0	to	3.0	3.0	to	5.0	5.0	to	16.5	301.89'	12/2/2025	4.29	297.60
MW-9	7/23/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	24.0	0.0	to	14.0	14.0	to	24.0	0.0	to	10.0	10.0	to	12.0	12.0	to	24.0	301.61	12/2/2025	4.2	297.41

Notes:
ft-bgs: feet below ground surface.
in: inches
Monitoring Well locations are indicated on **Figure 1.**
MW-1 was not installed due to off-site access issues

TABLE 5

Groundwater Field Screening Parameters

City of Durham Parks - Northgate Park (NONCD0000825)

300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina

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

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	Not Installed				
MW-2	12/2/2025	6.64	17.2	500	1.93
MW-3	12/2/2025	6.62	16.3	740	9.12
MW-4	12/2/2025	6.73	16.1	1240	7.68
MW-5	12/2/2025	6.77	15.4	1000	27.80
MW-6	12/2/2025	6.49	16.7	810	5.51
MW-7	12/2/2025	6.41	17.3	900	2.01
MW-8	12/2/2025	7.33	16.4	540	7.44
MW-9	12/2/2025	6.84	17.1	770	271

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 - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10/10A

Analytical Method		Method 6020B - Metals (µg/L)											Method 350.1 (µg/L)	Method 353.2-1993 R2.0 (µg/L)	Method SM 4500 SO4 E (µg/L)
CAS Number		7440-38-2	7440-39-3	7440-41-7	7440-47-3	7440-50-8	7440-48-4	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	7664-41-7	14797-55-8	14808-79-8
Analyte		Arsenic	Barium	Beryllium	Chromium	Copper	Cobalt	Lead	Manganese	Nickel	Vanadium	Zinc	Ammonia Nitrogen	Nitrate as (N)	Sulfate
Sample ID	Date Collected														
825-MW-2	12/2/2025	**1.38 J**	**455**	<0.147	<3.69	<0.642	**0.477 J**	<0.864	**510**	<0.422	<1.22	**17.7**	<100	**26 J**	**10,100**
825-MW-3	12/2/2025	**2.05 J**	**146**	<0.147	**7.69**	<0.642	**20.7**	<0.864	**1970**	**2.95 J**	<1.22	**11.7**	**157**	**21 J**	**91,300**
825-MW-4	12/2/2025	<1.32	**150**	<0.147	<3.69	<0.642	**4.31 J**	<0.864	**1360**	**1.40 J**	<1.22	<8.91	**138 J**	<100	**172,000**
825-MW-5	12/2/2025	<1.32	**204**	**0.206 J**	**4.49 J**	**1.53 J**	**12.7**	**1.54**	**3710**	**4.37 J**	**6.24**	<8.91	**299**	**18 J**	**146,000**
825-MW-6	12/2/2025	**2.14 J**	**241**	<0.147	<3.69	<0.642	**16.4**	<0.864	**2400**	**1.34 J**	**1.39 J**	<8.91	**752**	**22 J**	**11,600**
825-MW-7	12/2/2025	**1.92 J**	**199**	<0.147	<3.69	<0.642	**17.9**	<0.864	**8820**	**3.09 J**	<1.22	<8.91	<100	**10 J**	**36,700**
825-MW-8	12/2/2025	<1.32	**262**	<0.147	<3.69	<0.642	<0.411	<0.864	**430**	<0.422	<1.22	<8.91	<100	<100	**9,120**
825-MW-9	12/2/2025	<1.32	**102**	<0.147	<3.69	**1.94 J**	**1.96 J**	<0.864	**458**	**1.21 J**	**2.28 J**	**111**	<100	<100	**39,700**
120225-Dup-1 (MW-3)	12/2/2025	**1.81 J**	**144**	<0.147	**4.9 J**	<0.642	**22**	<0.864	**2040**	**2.89 J**	<1.22	**9.2 J**	**152 J**	<100	**101,000**
15A NCAC 2L Groundwater Standards & IMACs		10	700	4	10	1,000	1	15	50	100	7	1,000	1,500	10,000	250,000

Notes:

µg/L: Micrograms per liter.
NE: The 15A NCAC 2L Standard has not been established for this constituent.
Target constituents not shown for the method were not detected
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
Detections that exceed the 15A NCAC 2L Groundwater Standards or IMACs
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RPD exceeds control limits.
120225-Dup-1 was taken at MW-3

TABLE 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10/10A

Analytical Method		Method 6020B - Metals (µg/L)				Method 350.1 (µg/L)	Method 9056A (µg/L)	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		7440-39-3	7440-50-8	7439-96-5	7440-02-0	7664-41-7	14808-79-8		
Analyte		Barium	Copper	Manganese	Nickel	Ammonia as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected								
SW-1	12/9/2025	31.5	2.18	64.4	1.76 J	20 J	11,100	0.0E+00	2.6E-02
SW-2	12/9/2025	33.7	2.30	51.9	1.48 J	21 J	11,200	0.0E+00	2.2E-02
SW-3	12/9/2025	33.0	2.35	54.7	1.28 J	28 J	11,300	0.0E+00	2.4E-02
SW-4	12/9/2025	33.6	2.58	67.1	1.39 J	33 J	11,200	0.0E+00	2.7E-02
SW-5	12/9/2025	32.7	2.43	53.4	1.39 J	32 J	11,500	0.0E+00	2.2E-02
SW-6	12/9/2025	32.6	2.28	53.8	1.72 J	13,500	11,500	0.0E+00	2.2E-02
SW-DUP (SW-3)	12/9/2025	32.8	2.16	57.2	1.42 J	18,600	11,400	See SW-3 Risk Assessment	
15A NCAC 2B Surface Water Standards		1,000	2.7	NE	16	NE	250,000		

Notes:
Concentrations in BOLD exceed the Laboratory MDLs
NCDEQ Risk Calculator Values shown in red exceed risk.
NE: 15A NCAC 2B Surface Water Standard Not Established
Target constituents not shown for the method were not detected
Detections that exceed the 15A NCAC 2B Surface Water Standards
Compound not in NCDEQ Risk Calculator, not entered
Analyte was not detected above the MDL and the MDL value is greater than the respective screening level. Value is not included in risk calculations.
J: estimated value less than the reporting limit but greater than the method detection limit
B: Compound was found in the blank and sample.
^+: Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
DUP was taken from SW-3

TABLE 8
Sediment Sample Analytical Results Summary
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10/10A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs) (mg/Kg)			Method 8270E - Semi Volatile Organic Compounds (SVOC) (mg/Kg)																		Method 6020B - Metals (mg/Kg)																		Method 7471B	Method 9056A	NCDEQ Risk Calculator					
CAS Number		67-64-1	78-93-3	108-88-3	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	105-60-2	86-74-8	218-01-9	53-70-3	84-74-2	206-44-0	193-39-5	91-20-3	85-01-8	129-00-0	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		Acetone	2-Butanone (MEK)	Toluene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Di-n-butyl phthalate	Fluoranthene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium, Hexavalent	Cobalt	Copper	Lead	Manganese	Nickel	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	12/9/2025	**0.0558 J**	**0.0163 J**	**0.00145 J**	<0.0406	<0.0406	<0.0406	<0.0406	<0.0406	**0.330 J**	<0.0401 *+	<0.0406	**0.137 J**	<0.0406	<0.0406	<0.0406	**0.779 J**	**0.0524 J**	<0.0406	<0.00483	<0.0406	**0.0416 J**	<0.203	**0.38 J**	**10.7**	<0.0311	**0.0423 J**	**8.89 F1**	**0.21 J**	**2.61**	**3.4 B**	**7.76 F1**	**72.7 B**	**3.79**	**0.23 B**	<0.0374	**8.21 F1**	**19.1 F1**	<0.018	**30.6**	8.1E-07	2.0E-01	1.4E-07	1.3E-02	3.5E-07	8.4E-02
SED-2	12/9/2025	**0.0364 J**	<0.00547	<0.000966	<0.0429	<0.0429	<0.0429	**0.283 J**	**0.356 J**	**0.551**	**0.312 J**	**0.193 J**	<0.0429	<0.0429	**0.379 J**	**0.0668 J**	<0.39	**0.646**	**0.311 J**	<0.00379	**0.122 J**	**0.545**	**0.352 J**	**0.391 J**	**11.6**	**0.0664 J**	**0.0284 J**	**7.18**	**0.391 J**	**1.56**	**2.04 B**	**3.5**	**64.9 B**	**2.22**	**0.0884 B**	<0.0492	**7.8**	**7.79**	<0.0182	<13.1	5.7E-06	1.8E-01	4.1E-07	1.2E-02	2.4E-06	7.6E-02
SED-3	12/9/2025	**0.0465 J**	<0.00623	<0.00110	<0.0410	<0.0410	<0.0410	<0.0410	<0.0410	**0.0145 J**	<0.0410	<0.0410	<0.0410	<0.0410	<0.0410	<0.0410	<0.373	<0.0410	<0.0410	<0.0410	<0.0410	<0.0410	<0.181	**0.38 J**	**11.2**	<0.0278	**0.0326 J**	**9.83**	**0.475 J**	**2.53**	**2.66 B**	**5.19**	**54.2 B**	**4.45**	**0.218 B**	<0.0334	**11.5**	**16.7**	<0.0182	<12.7	2.6E-06	2.6E-01	2.6E-07	1.7E-02	1.1E-06	1.1E-01
SED-4	12/9/2025	**0.0546 J**	<0.00614	<0.00108	<0.0419	<0.0419	<0.0419	**0.0649 J**	**0.0802 J**	**0.161 J**	**0.109 J**	**0.0556 J**	<0.0419	<0.0419	**0.0966 J**	<0.0419	<0.381	**0.164 J**	**0.103 J**	<0.00425	**0.048 J**	**0.135 J**	<0.263	**0.938**	**26.9**	**0.0451 J**	**0.0612 J**	**12.6**	**0.971 J**	**4.7**	**5.86 B**	**10.3**	**159 B**	**5.86**	**0.269 B**	**0.0598 J**	**14.9**	**27.1**	<0.0178	<13.1	3.4E-06	4.6E-01	4.1E-07	3.1E-02	1.5E-06	2.0E-01
SED-5	12/9/2025	**0.0489 J**	**0.0497 J**	<0.0019	**0.0546 J**	**0.0469 J**	**0.232 J**	**1.19**	**1.07**	**1.49**	**0.711**	**0.507**	<0.0421	**0.225 J**	**1.18**	**0.173 J**	<0.382	**2.64**	**0.721**	**0.0668 J**	**1.1**	**2.13**	**0.706 J**	**2.17**	**35.6**	**0.197 J**	**0.157 J**	**15.2**	**1.24 J**	**6.22**	**14.6 B**	**51.1**	**313 B**	**8.48**	**0.361 B**	**0.0616 J**	**19.2**	**48**	**0.0276 J**	<12.7	1.8E-05	7.6E-01	1.5E-06	5.2E-02	7.9E-06	3.3E-01
SED-6	12/9/2025	**0.0910 J**	**0.0122 J**	<0.00120	<0.0422	<0.0422	<0.0422	**0.0934 J**	**0.0805 J**	**0.112 J**	**0.0529 J**	<0.0422	**0.122 J**	<0.0422	**0.106 J**	<0.0422	<0.384	**0.208 J**	**0.0467 J**	<0.00470	**0.158 J**	**0.228 J**	<0.179	**1.22**	**13.9**	**0.11 J**	**0.0447 J**	**25.2**	**0.51 J**	**6.02**	**7.9 B**	**6.7**	**101 B**	**11**	**0.19 J B**	<0.0329	**17.9**	**33.7**	<0.0181	**14.1**	3.3E-06	4.2E-01	4.8E-07	2.9E-02	1.4E-06	1.8E-01
SED-DUP (SED-3)	12/9/2025	**0.0411 J**	<0.00554	<0.000978	<0.0402	<0.0402	<0.0402	**0.0760 J**	**0.101 J**	**0.179 J**	**0.098 J**	**0.0558 J**	<0.0402	<0.0402	**0.121 J**	<0.0402	<0.365	**0.198 J**	**0.0939 J**	<0.0422	**0.0632 J**	**0.179 J**	<0.170	**0.497**	**13.5**	**0.0329 J**	**0.0424 J**	**8.23**	**0.759 J**	**3.01**	**3.61 B**	**6.15**	**97 B**	**4.31**	**0.205 B**	<0.0313	**12.9**	**23.3**	<0.0178	<12.1	**See SED-3 Risk Assessment.**					
EPA Resident Soil Screening Levels		7,000	2,700	490	360	NE	1,800	1.10	0.11	1.10	NE	11.0	3,100	NE	110	0.11	630	240	1.10	2	NE	180	3.1	0.68	1,500	16	0.71	NE	0.95	2.3	310	200	180	140	39	0.078	39	2,300	0.71	NE						

Notes:
(mg/Kg): milligrams per kilogram.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs)
Target constituents not shown for the method were not detected.
Detections are shown in **BOLD**.
NCDEQ Risk Calculator Values shown in red exceed risk.
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.
NE: Standard Not Established
Detections that exceed the EPA Resident Soil Screening Levels
Compound not in NCDEQ Risk Calculator, not entered
Analyte was not detected above the MDL and the MDL value is greater than the respective screening level. Value is not included in risk calculations.
DUP was taken from SED-3

Appendices

Appendix I- Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
LFGP-1	Landfill Gas Probe	36.022220	-78.895765	827003.25	2030824.07
LFGP-2	Landfill Gas Probe	36.022001	-78.895401	826923.48	2030931.99
LFGP-3	Landfill Gas Probe	36.021653	-78.895168	826796.80	2031000.80
LFGP-4	Landfill Gas Probe	36.021389	-78.895600	826700.61	2030873.34
LFGP-5	Landfill Gas Probe	36.021328	-78.894862	826678.71	2031091.52
MW-2	Monitor Well	36.022478	-78.895933	827096.88	2030774.39
MW-3	Monitor Well	36.022562	-78.896344	827127.43	2030652.78
MW-4	Monitor Well	36.022246	-78.896226	827012.35	2030687.91
MW-5	Monitor Well	36.021877	-78.896231	826878.10	2030686.63
MW-6	Monitor Well	36.021478	-78.895809	826733.03	2030811.52
MW-7	Monitor Well	36.021430	-78.895395	826715.71	2030933.91
MW-8	Monitor Well	36.020938	-78.895262	826536.76	2030973.36
MW-9	Monitor Well	36.021033	-78.894947	826571.26	2031066.63
SW-1/SED-1	Surface Water Sediment	36.020552	-78.895358	826395.96	2030945.13
SW-2/SED-2	Surface Water Sediment	36.020938	-78.895853	826536.48	2030798.51
SW-3/SED-3	Surface Water Sediment	36.021274	-78.896031	826658.67	2030745.96
SW-4/SED-4	Surface Water Sediment	36.021576	-78.896394	826768.65	2030638.44
SW-5/SED-5	Surface Water Sediment	36.021889	-78.896753	826882.28	2030532.13
SW-6/SED-6	Surface Water Sediment	36.022191	-78.897153	826992.25	2030413.61

Notes:

Site feature locations are reported in decimal degrees for Lattitude/Longitude and in feet in the North Carolina State Plane Coordinate System (NAD83).

Appendix II- S&ME Field Notes

LANDFILL GAS SCREENING FORM

Project Name:	**Northgate Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**			
NCDEQ ID No.:	**NONCD0000825**	Date:	12/10/2025	Gas Analyzer	GEM 5000	GEM 5000	
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000	Mini Rae 3000	Pre Calibration Time:
Task Order:	**825RI-10A**	S&ME Personnel:	Brandon Governo & Clay Faircloth	Thermo Hygrometer	UEI OTH 10	UEI OTH 10	Post Calibration Time:

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

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

Screening Data

Sample Location	**Time**	**VOCs**		**Methane**		**Carbon Dioxide**	**Oxygen**	**Hydrogen Sulfide**	**Barometric Pressure**	**Temperature**	**Humidity**
ID	**hr:min**	**ppm-v**	**%**	**volume in air (%)**	**% LEL (100% LEL = 5% CH4)**	**%**	**%**	**ppm-v**	**in-Hg**	**°F**	**%**
LFGP-1	14:00	0.0		0.0		0.1	20.2	0			
LFGP-2											
LFGP-3	14:15	0.0		0.0		0.3	20.3	0			
LFGP-4	14:05	0.0		0.0		0.1	19.2	0			
LFGP-5	14:10	0.0		0.0		1.1	19.9	0			

Name	**Signature**	**Date**	**Notes:**
(1) Brandon Governo		12/10/2025	**LFGP-2 - Not found at time of screening**

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-2**	Purge Time (Min.):	15
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	13:05
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm	1,414 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.84	ft-TOC
Total Well Depth:	29.00	ft-TOC
Height of Water Column:	25.16	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.1	gal
3 * Well Volume	12.3	gal
5 * Well Volume	20.5	gal

Well Purging Information

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

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	12:55	6.82	16.3	0.500	3.16	
NM	13:00	6.64	17.1	0.500	2.69	
NM	13:05	6.64	17.2	0.500	1.93	

Sample Method: Submersible Pump **Sample Time:** 13:05

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter	E Porter	12/2/2025

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-3**	Purge Time (Min.):	45
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	13:35
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm		1,414 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.45	ft-TOC
Total Well Depth:	15.00	ft-TOC
Height of Water Column:	11.55	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.9	gal
3 * Well Volume	5.7	gal
5 * Well Volume	9.4	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 12:45 **End Time:** 13:30

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	12:50	6.83	15.8	0.680	105.70	
NM	12:55	6.72	16.3	0.670	91.51	
NM	13:00	6.79	16.4	0.680	80.53	
NM	13:05	6.72	16.2	0.680	61.86	
NM	13:10	6.71	16.2	0.680	49.00	
NM	13:15	6.68	16	0.690	33.74	
NM	13:20	6.69	16.3	0.710	22.46	
NM	13:25	6.64	16.2	0.730	11.16	
NM	13:30	6.62	16.3	0.740	9.12	

Sample Method: Submersible Pump **Sample Time:** 13:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter		12/2/2025

Notes: 122025-DUP-1 collected here.

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-4**	Purge Time (Min.):	15
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	13:45
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	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:	15.00	ft-TOC
Height of Water Column:	10.34	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.7	gal
3 * Well Volume	5.1	gal
5 * Well Volume	8.4	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 13:20 **End Time:** 13:35

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	13:25	6.79	14.8	1.200	373	
NM	13:30	6.92	15	1.220	21	
NM	13:35	6.73	16.1	1.240	7.7	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter	E Porter	12/2/2025

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-5**	Purge Time (Min.):	25
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	14:55
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm		1,414 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	6.24	ft-TOC
Total Well Depth:	14.00	ft-TOC
Height of Water Column:	7.76	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.3	gal
3 * Well Volume	3.8	gal
5 * Well Volume	6.3	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 14:15 **End Time:** 14:40

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	14:20	6.90	15.7	1.020	101	
NM	14:25	6.73	14.7	1.030	41	
NM	14:30	6.72	15.6	1.020	244	
NM	14:35	6.72	15.8	1.020	38	
NM	14:50	6.77	15.4	1.020	28	

Sample Method: Submersible Pump **Sample Time:** 14:55

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter		12/2/2025

Notes: Well ran dry at 14:35. Allowed to recharge then final parameters were taken and well was sampled.

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-6**	Purge Time (Min.):	25
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	14:50
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm		1,414 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	5.50	ft-TOC
Total Well Depth:	17.00	ft-TOC
Height of Water Column:	11.50	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.9	gal
3 * Well Volume	5.6	gal
5 * Well Volume	9.4	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 14:20 **End Time:** 14:45

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	14:25	6.49	16.8	0.80	10.60	
NM	14:30	6.53	16.8	0.80	25.63	
NM	14:35	6.49	16.8	0.81	16.27	
NM	14:40	6.51	16.8	0.81	10.98	
NM	14:45	6.49	16.7	0.81	5.51	

Sample Method: Submersible Pump **Sample Time:** 14:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter	E Porter	12/2/2025

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-7**	Purge Time (Min.):	20
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	15:40
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm		1,414 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.45	ft-TOC
Total Well Depth:	13.50	ft-TOC
Height of Water Column:	9.05	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.5	gal
3 * Well Volume	4.4	gal
5 * Well Volume	7.4	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 15:15 **End Time:** 15:35

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	15:20	6.38	17	1.140	8.8	
NM	15:25	6.41	17.1	0.940	28	
NM	15:30	6.44	17.2	0.930	8.7	
NM	15:35	6.41	17.3	0.920	2.0	

Sample Method: Submersible Pump **Sample Time:** 15:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter		12/2/2025

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-8**	Purge Time (Min.):	15
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	15:30
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm		1,414 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.29	ft-TOC
Total Well Depth:	16.50	ft-TOC
Height of Water Column:	12.21	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.0	gal
3 * Well Volume	6.0	gal
5 * Well Volume	10.0	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 15:10 **End Time:** 15:25

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	15:15	7.48	15.4	0.550	20.80	
NM	15:20	7.36	16.2	0.540	9.45	
NM	15:25	7.33	16.4	0.540	7.44	

Sample Method: Submersible 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	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter	E Porter	12/2/2025

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	December 2, 2025
Source Well:	**MW-9**	Purge Time (Min.):	45
Locked?:	Yes	Sample Date:	December 2, 2025
Sampled By:	Chase Porter	Sample Time:	16:45
Weather:	Sunny	Air Temp:	55 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	12/2/25	08:00	4.00, 7.00, 10.00	4.0	6.9	10.0
Conductivity	12/2/25	08:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.20	ft-TOC
Total Well Depth:	24.00	ft-TOC
Height of Water Column:	19.80	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.2	gal
3 * Well Volume	9.7	gal
5 * Well Volume	16.2	gal

Well Purging Information

Purge Method: Submersible Pump **Purge Start Time:** 15:55 **End Time:** 16:40

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond mS/cm	Turbidity (NTU)	Comments
NM	16:00	7.18	16.8	0.830	236	
NM	16:05	6.92	16.9	0.790	169	
NM	16:10	6.93	17	0.780	121	
NM	16:15	6.88	16.9	0.770	189	
NM	16:20	6.91	17	0.770	944	
NM	16:25	6.84	17.1	0.770	245	
NM	16:30	6.85	17.1	0.770	880	
NM	16:35	6.82	17.2	0.770	108	
NM	16:40	6.84	17.1	0.770	271	

Sample Method: Submersible Pump **Sample Time:** 16:45

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals, inc. prep; 7470A	1	250 ml P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
9056A-ORGFM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Chase Porter		12/2/2025

Notes:

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

GROUNDWATER SAMPLING FIELD DATA

Location: Northgate Park
Project No.:
Source Well:

Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time:
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: feet
Depth to well bottom from measuring point: feet
Height of water column: 0.00 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 0 x .163 = 0 Gallons 0.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
	12/2/25							
	12/2/25							
	12/2/25							
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: Northgate Park
Project No.:
Source Well: MW-2
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1305
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 3.84 feet
Depth to well bottom from measuring point: feet
Height of water column: -3.84 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -3.84 x .163 = -0.62592 Gallons -2.4 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1255	12/2/25	16.30	6.82	0.50	3.16			
1300	12/2/25	17.10	6.64	0.50	2.69			
1305	12/2/25	17.20	6.64	0.50	1.93			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.0%	0.0%	28.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1335
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 3.45 feet
Depth to well bottom from measuring point: feet
Height of water column: -3.45 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -3.45 x .163 = -0.56235 Gallons -2.1 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1250	12/2/25	15.80	6.83	0.68	105.70			
1255	12/2/25	16.30	6.72	0.67	91.51			
1300	12/2/25	16.40	6.79	0.68	80.53			
1305	12/2/25	16.20	6.72	0.68	61.86			
1310	12/2/25	16.20	6.71	0.68	49.00			
1315	12/2/25	16.00	6.68	0.69	33.74			
1320	12/2/25	16.30	6.69	0.71	22.46			
1325	12/2/25	16.20	6.64	0.73	11.16			
1330	12/2/25	16.30	6.62	0.74	9.12			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	1.0%	1.5%	12.0%	#DIV/0!
1.2%	1.0%	0.0%	23.2%	#DIV/0!
0.0%	0.1%	0.0%	20.8%	#DIV/0!
1.2%	0.4%	1.5%	31.1%	#DIV/0!
1.9%	0.1%	2.9%	33.4%	#DIV/0!
0.6%	0.7%	2.8%	50.3%	#DIV/0!
0.6%	0.3%	1.4%	18.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Final Readings

		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments **Sample 120225-DUP-1 collected from this well.**

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1345
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.66 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.66 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -4.66 x .163 = -0.75958 Gallons -2.9 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	21.3	DO (mg/L)	DTW	ORP
1325	12/2/25	14.80	6.79	1.20	373.00			
1330	12/2/25	15.00	6.92	1.22	21.30			
1335	12/2/25	16.10	6.73	1.24	7.68			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
7.3%	2.7%	1.6%	63.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: Northgate Park
Project No.:
Source Well: MW-5
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1455
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 6.24 feet
Depth to well bottom from measuring point: feet
Height of water column: -6.24 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -6.24 x .163 = -1.01712 Gallons -3.8 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1420	12/2/25	15.70	6.90	1.02	101.00			
1425	12/2/25	14.70	6.73	1.03	41.10			
1430	12/2/25	15.60	6.72	1.02	244.00			
1435	12/2/25	15.80	6.72	1.0	38.40			
1450	12/2/25	15.40	6.77	1.0	27.80			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
6.1%	0.1%	1.0%	493.7%	#DIV/0!
1.3%	0.0%	0.0%	84.3%	#DIV/0!
2.5%	0.7%	0.0%	27.6%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments **Well ran dry at 1435 - allowed to recharge and then sampled.**

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1450
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 5.50 feet
Depth to well bottom from measuring point: feet
Height of water column: -5.50 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -5.5 x .163 = -0.8965 Gallons -3.4 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1425	12/2/25	16.80	6.49	0.80	10.60			
1430	12/2/25	16.80	6.53	0.80	25.63			
1435	12/2/25	16.80	6.49	0.81	16.27			
1440	12/2/25	16.80	6.51	0.81	10.98			
1445	12/2/25	16.70	6.49	0.81	5.51			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	0.6%	1.3%	36.5%	#DIV/0!
0.0%	0.3%	0.0%	32.5%	#DIV/0!
0.6%	0.3%	0.0%	49.8%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1540
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.45 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.45 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -4.45 x .163 = -0.72535 Gallons -2.7 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1520	12/2/25	17.00	6.38	1.14	8.83			
1525	12/2/25	17.10	6.41	0.94	28.42			
1530	12/2/25	17.20	6.44	0.93	8.73			
1535	12/2/25	17.30	6.41	0.9	2.01			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.5%	1.1%	69.3%	#DIV/0!
0.6%	0.5%	1.1%	77.0%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1530
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.29 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.29 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -4.29 x .163 = -0.69927 Gallons -2.6 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1515	12/2/25	15.40	7.48	0.55	20.80			
1520	12/2/25	16.20	7.36	0.54	9.45			
1525	12/2/25	16.40	7.33	0.54	7.44			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
1.2%	0.4%	0.0%	21.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: Northgate Park
Project No.:
Source Well:

Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, December 2, 2025
Purge Time:
Sample Date: Tuesday, December 2, 2025
Sample Time: 1645
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.20 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.20 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -4.2 x .163 = -0.6846 Gallons -2.6 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1600	12/2/25	16.80	7.18	0.83	236.00			
1605	12/2/25	16.90	6.92	0.79	169.00			
1610	12/2/25	17.00	6.93	0.78	121.00			
1615	12/2/25	16.90	6.88	0.77	189.00			
1620	12/2/25	17.00	6.91	0.77	944.00			
1625	12/2/25	17.10	6.84	0.77	245.00			
1630	12/2/25	17.10	6.85	0.77	880.00			
1635	12/2/25	17.20	6.82	0.77	108.00			
1640	12/2/25	17.10	6.84	0.77	271.00			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.1%	1.3%	28.4%	#DIV/0!
0.6%	0.7%	1.3%	56.2%	#DIV/0!
0.6%	0.4%	0.0%	399.5%	#DIV/0!
0.6%	1.0%	0.0%	74.0%	#DIV/0!
0.0%	0.1%	0.0%	259.2%	#DIV/0!
0.6%	0.4%	0.0%	87.7%	#DIV/0!
0.6%	0.3%	0.0%	150.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Final Readings

		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

Environmental Field Report

Date:	Project Number:
12/9/25	23050630
Project Name: Durham Parks	**Weather/Temperature:** Clear, 30s
Project Location: Northgate Park	
Notes By: ☒ ☐	**Present at the Site:** Chase Porter (S&ME) Malkomu Awaye'

Equipment Used
PPE
Turbidity meter
Stick meter
~~Dipper poles~~
Fieldmaps App

1255 - Arrived on site. Scouted the park area.

1300 - Calibrate stick meter and turbidity meter.

1300 - - Collect surface water and sediment samples at designated sample locations. See the table below for sampling times, data, and information. In the event of a deviation from the designated sample location, I log a GPS point in Fieldmaps.

Sample Time	Sediment ID	Surface Water ID	pH	SPC (mS/cm)	Temperature (C)	Turbidity (NTU)	Relative Flow
1315	SED-1	SW-1	7.75	0.27	4.7	16.7	Low
1345	SED-2	SW-2	7.77	0.27	4.5	5.31	Low
DUP 14:15	SED-3	SW-3	7.76	0.27	4.8	5.17	Low
15:00	SED-4	SW-4	7.75	0.26	4.5	4.6	Low
1535	SED-5	SW-5	7.75	0.26	4.1	5.15	Low
1600	SED-6	SW-6	7.69	0.26	4.1	5.21	Low

1630 -Off site, headed to lab.

Hours	Mileage	Signature of S&ME Personnel
3.25	5	EPorter

Appendix III - Laboratory Analytical Reports and COC

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/29/2026 4:29:58 PM

JOB DESCRIPTION

Durham Parks
65000581

JOB NUMBER

650-3330-3

Eurofins Environment Testing Northern California, Air Toxics
180 BLUE RAVINE ROAD, SUITE B
Folsom CA 95630

See page two for job notes and contact information.

Eurofins Environment Testing Northern California, Air Toxics

Job Notes

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

Authorization

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

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Definitions/Glossary

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

Job ID: 650-3330-3
SDG: 65000581

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Air - GC VOA

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

Glossary

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

Job Narrative
650-3330-3

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

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

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

Air - GC/MS VOA
Method TO-15: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 650-7967 recovered outside control limits for the following analytes: Ethanol.

Method TO-15: The continuing calibration verification (CCV) associated with batch 650-7967 recovered outside acceptance criteria, low biased, for 2-Propanol and Ethanol. The following samples are associated 825-LFGP-1 (650-3330-22), 825-LFGP-2 (650-3330-23), 825-LFGP-3 (650-3330-24), 825-LFGP-4 (650-3330-25), 825-LFGP-5 (650-3330-26) and 825-LFGP-DUP (650-3330-27).

Method TO-15: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for analytical batch 650-7967 recovered outside the lower control limit for the following analytes: 1,4-Dioxane, Ethanol and Tetrahydrofuran. The following samples are associated 825-LFGP-1 (650-3330-22), 825-LFGP-2 (650-3330-23), 825-LFGP-3 (650-3330-24), 825-LFGP-4 (650-3330-25), 825-LFGP-5 (650-3330-26) and 825-LFGP-DUP (650-3330-27).

Method TO-15: The following samples were diluted due to the abundance of non-target analytes: 825-LFGP-5 (650-3330-26) and 825-LFGP-DUP (650-3330-27). 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.

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

Detection Summary

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

Job ID: 650-3330-3
SDG: 65000581

Client Sample ID: 825-LFGP-1 — Lab Sample ID: 650-3330-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	4.3	J	8.1	2.7	ug/m3	1.643		TO-15	Total/NA
Acetone	13	J	20	6.5	ug/m3	1.643		TO-15	Total/NA
Ethanol	22	*- *1	15	5.2	ug/m3	1.643		TO-15	Total/NA
Freon 12	2.2	J	4.1	1.4	ug/m3	1.643		TO-15	Total/NA
Methane	0.00020		0.00016	0.000054	% v/v	1.643		D1946	Total/NA

Client Sample ID: 825-LFGP-2 — Lab Sample ID: 650-3330-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	7.3	J	9.0	3.0	ug/m3	1.833		TO-15	Total/NA
Acetone	24		22	7.3	ug/m3	1.833		TO-15	Total/NA
Ethanol	24	*- *1	17	5.8	ug/m3	1.833		TO-15	Total/NA
Freon 12	2.2	J	4.5	1.5	ug/m3	1.833		TO-15	Total/NA
Methylene Chloride	2.4	J	6.4	2.1	ug/m3	1.833		TO-15	Total/NA
Methane	0.00022		0.00018	0.000060	% v/v	1.833		D1946	Total/NA

Client Sample ID: 825-LFGP-3 — Lab Sample ID: 650-3330-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.0	J	6.7	2.3	ug/m3	1.372		TO-15	Total/NA
Acetone	9.3	J	16	5.4	ug/m3	1.372		TO-15	Total/NA
Chloroform	2.0	J	3.3	1.1	ug/m3	1.372		TO-15	Total/NA
Ethanol	7.7	J *- *1	13	4.3	ug/m3	1.372		TO-15	Total/NA
Freon 12	2.3	J	3.4	1.2	ug/m3	1.372		TO-15	Total/NA

Client Sample ID: 825-LFGP-4 — Lab Sample ID: 650-3330-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	4.5	J	6.7	2.2	ug/m3	1.361		TO-15	Total/NA
Acetone	8.1	J	16	5.4	ug/m3	1.361		TO-15	Total/NA
Ethanol	12	J *- *1	13	4.3	ug/m3	1.361		TO-15	Total/NA
Freon 12	2.1	J	3.4	1.1	ug/m3	1.361		TO-15	Total/NA

Client Sample ID: 825-LFGP-5 — Lab Sample ID: 650-3330-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.000061	J	0.00014	0.000045	% v/v	1.372		D1946	Total/NA

Client Sample ID: 825-LFGP-DUP — Lab Sample ID: 650-3330-27

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-LFGP-1

Lab Sample ID: 650-3330-22

Date Collected: 12/19/25 11:52
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	1.5	ug/m3			01/16/26 01:12	1.643
1,1,2,2-Tetrachloroethane	ND		5.6	1.9	ug/m3			01/16/26 01:12	1.643
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			01/16/26 01:12	1.643
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			01/16/26 01:12	1.643
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			01/16/26 01:12	1.643
1,2,4-Trichlorobenzene	ND		24	8.2	ug/m3			01/16/26 01:12	1.643
1,2,4-Trimethylbenzene	ND		4.0	1.4	ug/m3			01/16/26 01:12	1.643
1,2-Dibromoethane (EDB)	ND		6.3	2.1	ug/m3			01/16/26 01:12	1.643
1,2-Dichlorobenzene	ND		4.9	1.7	ug/m3			01/16/26 01:12	1.643
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			01/16/26 01:12	1.643
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			01/16/26 01:12	1.643
1,3,5-Trimethylbenzene	ND		4.0	1.4	ug/m3			01/16/26 01:12	1.643
1,3-Butadiene	ND		1.8	0.62	ug/m3			01/16/26 01:12	1.643
1,3-Dichlorobenzene	ND		4.9	1.7	ug/m3			01/16/26 01:12	1.643
1,4-Dichlorobenzene	ND		4.9	1.7	ug/m3			01/16/26 01:12	1.643
1,4-Dioxane	ND	*-	5.9	2.0	ug/m3			01/16/26 01:12	1.643
2,2,4-Trimethylpentane	ND		3.8	1.3	ug/m3			01/16/26 01:12	1.643
2-Butanone (MEK)	ND		9.7	3.2	ug/m3			01/16/26 01:12	1.643
2-Hexanone	ND		13	4.5	ug/m3			01/16/26 01:12	1.643
2-Propanol	**4.3**	**J**	8.1	2.7	ug/m3			01/16/26 01:12	1.643
3-Chloropropene	ND		2.6	0.87	ug/m3			01/16/26 01:12	1.643
4-Ethyltoluene	ND		4.0	1.4	ug/m3			01/16/26 01:12	1.643
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.1	ug/m3			01/16/26 01:12	1.643
Acetone	**13**	**J**	20	6.5	ug/m3			01/16/26 01:12	1.643
alpha-Chlorotoluene	ND		4.3	1.4	ug/m3			01/16/26 01:12	1.643
Benzene	ND		2.6	0.89	ug/m3			01/16/26 01:12	1.643
Bromodichloromethane	ND		5.5	1.9	ug/m3			01/16/26 01:12	1.643
Bromoform	ND		8.5	2.9	ug/m3			01/16/26 01:12	1.643
Bromomethane	ND		6.4	2.1	ug/m3			01/16/26 01:12	1.643
Carbon disulfide	ND		10	3.4	ug/m3			01/16/26 01:12	1.643
Carbon tetrachloride	ND		5.2	1.8	ug/m3			01/16/26 01:12	1.643
Chlorobenzene	ND		3.8	1.3	ug/m3			01/16/26 01:12	1.643
Chloroethane	ND		8.7	2.9	ug/m3			01/16/26 01:12	1.643
Chloroform	ND		4.0	1.4	ug/m3			01/16/26 01:12	1.643
Chloromethane	ND		17	5.7	ug/m3			01/16/26 01:12	1.643
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/16/26 01:12	1.643
cis-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			01/16/26 01:12	1.643
Cumene	ND		4.0	1.4	ug/m3			01/16/26 01:12	1.643
Cyclohexane	ND		2.8	0.96	ug/m3			01/16/26 01:12	1.643
Dibromochloromethane	ND		7.0	2.4	ug/m3			01/16/26 01:12	1.643
Ethanol	**22**	***- *1**	15	5.2	ug/m3			01/16/26 01:12	1.643
Ethylbenzene	ND		3.6	1.2	ug/m3			01/16/26 01:12	1.643
Freon 11	ND		4.6	1.6	ug/m3			01/16/26 01:12	1.643
Freon 113	ND		6.3	2.1	ug/m3			01/16/26 01:12	1.643
Freon 12	**2.2**	**J**	4.1	1.4	ug/m3			01/16/26 01:12	1.643
Freon-114	ND		5.7	2.0	ug/m3			01/16/26 01:12	1.643
Heptane	ND		3.4	1.1	ug/m3			01/16/26 01:12	1.643
Hexachlorobutadiene	ND		35	12	ug/m3			01/16/26 01:12	1.643

Client Sample ID: 825-LFGP-1

Lab Sample ID: 650-3330-22

Date Collected: 12/19/25 11:52
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.9	0.98	ug/m3			01/16/26 01:12	1.643
m,p-Xylenes	ND		7.1	2.4	ug/m3			01/16/26 01:12	1.643
Methyl tert-butyl ether	ND		12	4.0	ug/m3			01/16/26 01:12	1.643
Methylene Chloride	ND		5.7	1.9	ug/m3			01/16/26 01:12	1.643
Naphthalene	ND		8.6	1.5	ug/m3			01/16/26 01:12	1.643
o-Xylene	ND		3.6	1.2	ug/m3			01/16/26 01:12	1.643
Propylbenzene	ND		4.0	1.4	ug/m3			01/16/26 01:12	1.643
Styrene	ND		3.5	1.2	ug/m3			01/16/26 01:12	1.643
Tetrachloroethene	ND		5.6	1.9	ug/m3			01/16/26 01:12	1.643
Tetrahydrofuran	ND	*-	2.4	0.82	ug/m3			01/16/26 01:12	1.643
Toluene	ND		6.2	2.0	ug/m3			01/16/26 01:12	1.643
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/16/26 01:12	1.643
trans-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			01/16/26 01:12	1.643
Trichloroethene	ND		4.4	1.5	ug/m3			01/16/26 01:12	1.643
Vinyl chloride	ND		2.1	0.71	ug/m3			01/16/26 01:12	1.643

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*01/16/26 01:12*	*1.643*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*01/16/26 01:12*	*1.643*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/16/26 01:12*	*1.643*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00020**		0.00016	0.000054	% v/v			01/15/26 15:03	1.643

Client Sample ID: 825-LFGP-2

Lab Sample ID: 650-3330-23

Date Collected: 12/19/25 10:45
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.7	ug/m3			01/16/26 01:40	1.833
1,1,2,2-Tetrachloroethane	ND		6.3	2.1	ug/m3			01/16/26 01:40	1.833
1,1,2-Trichloroethane	ND		5.0	1.7	ug/m3			01/16/26 01:40	1.833
1,1-Dichloroethane	ND		3.7	1.3	ug/m3			01/16/26 01:40	1.833
1,1-Dichloroethene	ND		3.6	1.2	ug/m3			01/16/26 01:40	1.833
1,2,4-Trichlorobenzene	ND		27	9.1	ug/m3			01/16/26 01:40	1.833
1,2,4-Trimethylbenzene	ND		4.5	1.5	ug/m3			01/16/26 01:40	1.833
1,2-Dibromoethane (EDB)	ND		7.0	2.4	ug/m3			01/16/26 01:40	1.833
1,2-Dichlorobenzene	ND		5.5	1.9	ug/m3			01/16/26 01:40	1.833
1,2-Dichloroethane	ND		3.7	1.3	ug/m3			01/16/26 01:40	1.833
1,2-Dichloropropane	ND		4.2	1.4	ug/m3			01/16/26 01:40	1.833
1,3,5-Trimethylbenzene	ND		4.5	1.5	ug/m3			01/16/26 01:40	1.833
1,3-Butadiene	ND		2.0	0.69	ug/m3			01/16/26 01:40	1.833
1,3-Dichlorobenzene	ND		5.5	1.9	ug/m3			01/16/26 01:40	1.833
1,4-Dichlorobenzene	ND		5.5	1.9	ug/m3			01/16/26 01:40	1.833
1,4-Dioxane	ND	*-	6.6	2.2	ug/m3			01/16/26 01:40	1.833
2,2,4-Trimethylpentane	ND		4.3	1.5	ug/m3			01/16/26 01:40	1.833

Client Sample ID: 825-LFGP-2

Date Collected: 12/19/25 10:45
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-23

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		11	3.6	ug/m3			01/16/26 01:40	1.833
2-Hexanone	ND		15	5.0	ug/m3			01/16/26 01:40	1.833
2-Propanol	**7.3**	**J**	9.0	3.0	ug/m3			01/16/26 01:40	1.833
3-Chloropropene	ND		2.9	0.98	ug/m3			01/16/26 01:40	1.833
4-Ethyltoluene	ND		4.5	1.5	ug/m3			01/16/26 01:40	1.833
4-Methyl-2-pentanone (MIBK)	ND		3.8	1.3	ug/m3			01/16/26 01:40	1.833
Acetone	**24**		22	7.3	ug/m3			01/16/26 01:40	1.833
alpha-Chlorotoluene	ND		4.7	1.6	ug/m3			01/16/26 01:40	1.833
Benzene	ND		2.9	1.0	ug/m3			01/16/26 01:40	1.833
Bromodichloromethane	ND		6.1	2.1	ug/m3			01/16/26 01:40	1.833
Bromoform	ND		9.5	3.2	ug/m3			01/16/26 01:40	1.833
Bromomethane	ND		7.1	2.3	ug/m3			01/16/26 01:40	1.833
Carbon disulfide	ND		11	3.8	ug/m3			01/16/26 01:40	1.833
Carbon tetrachloride	ND		5.8	2.0	ug/m3			01/16/26 01:40	1.833
Chlorobenzene	ND		4.2	1.4	ug/m3			01/16/26 01:40	1.833
Chloroethane	ND		9.7	3.2	ug/m3			01/16/26 01:40	1.833
Chloroform	ND		4.5	1.5	ug/m3			01/16/26 01:40	1.833
Chloromethane	ND		19	6.3	ug/m3			01/16/26 01:40	1.833
cis-1,2-Dichloroethene	ND		3.6	1.2	ug/m3			01/16/26 01:40	1.833
cis-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			01/16/26 01:40	1.833
Cumene	ND		4.5	1.5	ug/m3			01/16/26 01:40	1.833
Cyclohexane	ND		3.2	1.1	ug/m3			01/16/26 01:40	1.833
Dibromochloromethane	ND		7.8	2.7	ug/m3			01/16/26 01:40	1.833
Ethanol	**24**	***- *1**	17	5.8	ug/m3			01/16/26 01:40	1.833
Ethylbenzene	ND		4.0	1.4	ug/m3			01/16/26 01:40	1.833
Freon 11	ND		5.1	1.8	ug/m3			01/16/26 01:40	1.833
Freon 113	ND		7.0	2.4	ug/m3			01/16/26 01:40	1.833
Freon 12	**2.2**	**J**	4.5	1.5	ug/m3			01/16/26 01:40	1.833
Freon-114	ND		6.4	2.2	ug/m3			01/16/26 01:40	1.833
Heptane	ND		3.8	1.3	ug/m3			01/16/26 01:40	1.833
Hexachlorobutadiene	ND		39	13	ug/m3			01/16/26 01:40	1.833
Hexane	ND		3.2	1.1	ug/m3			01/16/26 01:40	1.833
m,p-Xylenes	ND		8.0	2.6	ug/m3			01/16/26 01:40	1.833
Methyl tert-butyl ether	ND		13	4.4	ug/m3			01/16/26 01:40	1.833
Methylene Chloride	**2.4**	**J**	6.4	2.1	ug/m3			01/16/26 01:40	1.833
Naphthalene	ND		9.6	1.6	ug/m3			01/16/26 01:40	1.833
o-Xylene	ND		4.0	1.4	ug/m3			01/16/26 01:40	1.833
Propylbenzene	ND		4.5	1.5	ug/m3			01/16/26 01:40	1.833
Styrene	ND		3.9	1.3	ug/m3			01/16/26 01:40	1.833
Tetrachloroethene	ND		6.2	2.1	ug/m3			01/16/26 01:40	1.833
Tetrahydrofuran	ND	*-	2.7	0.92	ug/m3			01/16/26 01:40	1.833
Toluene	ND		6.9	2.3	ug/m3			01/16/26 01:40	1.833
trans-1,2-Dichloroethene	ND		3.6	1.2	ug/m3			01/16/26 01:40	1.833
trans-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			01/16/26 01:40	1.833
Trichloroethene	ND		4.9	1.7	ug/m3			01/16/26 01:40	1.833
Vinyl chloride	ND		2.3	0.80	ug/m3			01/16/26 01:40	1.833

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*01/16/26 01:40*	*1.833*

Client Sample ID: 825-LFGP-2

Lab Sample ID: 650-3330-23

Date Collected: 12/19/25 10:45
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*01/16/26 01:40*	*1.833*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/16/26 01:40*	*1.833*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00022**		0.00018	0.000060	% v/v			01/15/26 15:26	1.833

Client Sample ID: 825-LFGP-3

Lab Sample ID: 650-3330-24

Date Collected: 12/19/25 09:45
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.7	1.3	ug/m3			01/16/26 02:09	1.372
1,1,2,2-Tetrachloroethane	ND		4.7	1.6	ug/m3			01/16/26 02:09	1.372
1,1,2-Trichloroethane	ND		3.7	1.3	ug/m3			01/16/26 02:09	1.372
1,1-Dichloroethane	ND		2.8	0.94	ug/m3			01/16/26 02:09	1.372
1,1-Dichloroethene	ND		2.7	0.92	ug/m3			01/16/26 02:09	1.372
1,2,4-Trichlorobenzene	ND		20	6.8	ug/m3			01/16/26 02:09	1.372
1,2,4-Trimethylbenzene	ND		3.4	1.1	ug/m3			01/16/26 02:09	1.372
1,2-Dibromoethane (EDB)	ND		5.3	1.8	ug/m3			01/16/26 02:09	1.372
1,2-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/16/26 02:09	1.372
1,2-Dichloroethane	ND		2.8	0.94	ug/m3			01/16/26 02:09	1.372
1,2-Dichloropropane	ND		3.2	1.1	ug/m3			01/16/26 02:09	1.372
1,3,5-Trimethylbenzene	ND		3.4	1.1	ug/m3			01/16/26 02:09	1.372
1,3-Butadiene	ND		1.5	0.52	ug/m3			01/16/26 02:09	1.372
1,3-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/16/26 02:09	1.372
1,4-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/16/26 02:09	1.372
1,4-Dioxane	ND	*-	4.9	1.6	ug/m3			01/16/26 02:09	1.372
2,2,4-Trimethylpentane	ND		3.2	1.1	ug/m3			01/16/26 02:09	1.372
2-Butanone (MEK)	ND		8.1	2.7	ug/m3			01/16/26 02:09	1.372
2-Hexanone	ND		11	3.8	ug/m3			01/16/26 02:09	1.372
2-Propanol	**3.0**	**J**	6.7	2.3	ug/m3			01/16/26 02:09	1.372
3-Chloropropene	ND		2.1	0.73	ug/m3			01/16/26 02:09	1.372
4-Ethyltoluene	ND		3.4	1.1	ug/m3			01/16/26 02:09	1.372
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.96	ug/m3			01/16/26 02:09	1.372
Acetone	**9.3**	**J**	16	5.4	ug/m3			01/16/26 02:09	1.372
alpha-Chlorotoluene	ND		3.6	1.2	ug/m3			01/16/26 02:09	1.372
Benzene	ND		2.2	0.75	ug/m3			01/16/26 02:09	1.372
Bromodichloromethane	ND		4.6	1.6	ug/m3			01/16/26 02:09	1.372
Bromoform	ND		7.1	2.4	ug/m3			01/16/26 02:09	1.372
Bromomethane	ND		5.3	1.8	ug/m3			01/16/26 02:09	1.372
Carbon disulfide	ND		8.5	2.9	ug/m3			01/16/26 02:09	1.372
Carbon tetrachloride	ND		4.3	1.5	ug/m3			01/16/26 02:09	1.372
Chlorobenzene	ND		3.2	1.1	ug/m3			01/16/26 02:09	1.372
Chloroethane	ND		7.2	2.4	ug/m3			01/16/26 02:09	1.372
Chloroform	**2.0**	**J**	3.3	1.1	ug/m3			01/16/26 02:09	1.372
Chloromethane	ND		14	4.7	ug/m3			01/16/26 02:09	1.372

Client Sample ID: 825-LFGP-3

Lab Sample ID: 650-3330-24
Matrix: Air
Date Collected: 12/19/25 09:45
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.7	0.92	ug/m3			01/16/26 02:09	1.372
cis-1,3-Dichloropropene	ND		3.1	1.1	ug/m3			01/16/26 02:09	1.372
Cumene	ND		3.4	1.1	ug/m3			01/16/26 02:09	1.372
Cyclohexane	ND		2.4	0.80	ug/m3			01/16/26 02:09	1.372
Dibromochloromethane	ND		5.8	2.0	ug/m3			01/16/26 02:09	1.372
Ethanol	**7.7**	**J *- *1**	13	4.3	ug/m3			01/16/26 02:09	1.372
Ethylbenzene	ND		3.0	1.0	ug/m3			01/16/26 02:09	1.372
Freon 11	ND		3.9	1.3	ug/m3			01/16/26 02:09	1.372
Freon 113	ND		5.3	1.8	ug/m3			01/16/26 02:09	1.372
Freon 12	**2.3**	**J**	3.4	1.2	ug/m3			01/16/26 02:09	1.372
Freon-114	ND		4.8	1.6	ug/m3			01/16/26 02:09	1.372
Heptane	ND		2.8	0.96	ug/m3			01/16/26 02:09	1.372
Hexachlorobutadiene	ND		29	9.8	ug/m3			01/16/26 02:09	1.372
Hexane	ND		2.4	0.82	ug/m3			01/16/26 02:09	1.372
m,p-Xylenes	ND		6.0	2.0	ug/m3			01/16/26 02:09	1.372
Methyl tert-butyl ether	ND		9.9	3.3	ug/m3			01/16/26 02:09	1.372
Methylene Chloride	ND		4.8	1.6	ug/m3			01/16/26 02:09	1.372
Naphthalene	ND		7.2	1.2	ug/m3			01/16/26 02:09	1.372
o-Xylene	ND		3.0	1.0	ug/m3			01/16/26 02:09	1.372
Propylbenzene	ND		3.4	1.1	ug/m3			01/16/26 02:09	1.372
Styrene	ND		2.9	0.99	ug/m3			01/16/26 02:09	1.372
Tetrachloroethene	ND		4.7	1.6	ug/m3			01/16/26 02:09	1.372
Tetrahydrofuran	ND	*-	2.0	0.69	ug/m3			01/16/26 02:09	1.372
Toluene	ND		5.2	1.7	ug/m3			01/16/26 02:09	1.372
trans-1,2-Dichloroethene	ND		2.7	0.92	ug/m3			01/16/26 02:09	1.372
trans-1,3-Dichloropropene	ND		3.1	1.1	ug/m3			01/16/26 02:09	1.372
Trichloroethene	ND		3.7	1.3	ug/m3			01/16/26 02:09	1.372
Vinyl chloride	ND		1.8	0.60	ug/m3			01/16/26 02:09	1.372

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*01/16/26 02:09*	*1.372*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*01/16/26 02:09*	*1.372*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/16/26 02:09*	*1.372*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00014	0.000045	% v/v			01/15/26 15:50	1.372

Client Sample ID: 825-LFGP-4

Lab Sample ID: 650-3330-25
Matrix: Air
Date Collected: 12/19/25 10:06
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.7	1.3	ug/m3			01/16/26 02:37	1.361
1,1,2,2-Tetrachloroethane	ND		4.7	1.6	ug/m3			01/16/26 02:37	1.361
1,1,2-Trichloroethane	ND		3.7	1.3	ug/m3			01/16/26 02:37	1.361
1,1-Dichloroethane	ND		2.8	0.94	ug/m3			01/16/26 02:37	1.361

Client Sample ID: 825-LFGP-4

Date Collected: 12/19/25 10:06
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-25

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.7	0.92	ug/m3			01/16/26 02:37	1.361
1,2,4-Trichlorobenzene	ND		20	6.8	ug/m3			01/16/26 02:37	1.361
1,2,4-Trimethylbenzene	ND		3.3	1.1	ug/m3			01/16/26 02:37	1.361
1,2-Dibromoethane (EDB)	ND		5.2	1.8	ug/m3			01/16/26 02:37	1.361
1,2-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/16/26 02:37	1.361
1,2-Dichloroethane	ND		2.8	0.94	ug/m3			01/16/26 02:37	1.361
1,2-Dichloropropane	ND		3.1	1.1	ug/m3			01/16/26 02:37	1.361
1,3,5-Trimethylbenzene	ND		3.3	1.1	ug/m3			01/16/26 02:37	1.361
1,3-Butadiene	ND		1.5	0.51	ug/m3			01/16/26 02:37	1.361
1,3-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/16/26 02:37	1.361
1,4-Dichlorobenzene	ND		4.1	1.4	ug/m3			01/16/26 02:37	1.361
1,4-Dioxane	ND	*-	4.9	1.6	ug/m3			01/16/26 02:37	1.361
2,2,4-Trimethylpentane	ND		3.2	1.1	ug/m3			01/16/26 02:37	1.361
2-Butanone (MEK)	ND		8.0	2.7	ug/m3			01/16/26 02:37	1.361
2-Hexanone	ND		11	3.7	ug/m3			01/16/26 02:37	1.361
2-Propanol	**4.5**	**J**	6.7	2.2	ug/m3			01/16/26 02:37	1.361
3-Chloropropene	ND		2.1	0.72	ug/m3			01/16/26 02:37	1.361
4-Ethyltoluene	ND		3.3	1.1	ug/m3			01/16/26 02:37	1.361
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.95	ug/m3			01/16/26 02:37	1.361
Acetone	**8.1**	**J**	16	5.4	ug/m3			01/16/26 02:37	1.361
alpha-Chlorotoluene	ND		3.5	1.2	ug/m3			01/16/26 02:37	1.361
Benzene	ND		2.2	0.74	ug/m3			01/16/26 02:37	1.361
Bromodichloromethane	ND		4.6	1.6	ug/m3			01/16/26 02:37	1.361
Bromoform	ND		7.0	2.4	ug/m3			01/16/26 02:37	1.361
Bromomethane	ND		5.3	1.7	ug/m3			01/16/26 02:37	1.361
Carbon disulfide	ND		8.5	2.8	ug/m3			01/16/26 02:37	1.361
Carbon tetrachloride	ND		4.3	1.5	ug/m3			01/16/26 02:37	1.361
Chlorobenzene	ND		3.1	1.1	ug/m3			01/16/26 02:37	1.361
Chloroethane	ND		7.2	2.4	ug/m3			01/16/26 02:37	1.361
Chloroform	ND		3.3	1.1	ug/m3			01/16/26 02:37	1.361
Chloromethane	ND		14	4.7	ug/m3			01/16/26 02:37	1.361
cis-1,2-Dichloroethene	ND		2.7	0.92	ug/m3			01/16/26 02:37	1.361
cis-1,3-Dichloropropene	ND		3.1	1.1	ug/m3			01/16/26 02:37	1.361
Cumene	ND		3.3	1.1	ug/m3			01/16/26 02:37	1.361
Cyclohexane	ND		2.3	0.80	ug/m3			01/16/26 02:37	1.361
Dibromochloromethane	ND		5.8	2.0	ug/m3			01/16/26 02:37	1.361
Ethanol	**12**	**J *- *1**	13	4.3	ug/m3			01/16/26 02:37	1.361
Ethylbenzene	ND		3.0	1.0	ug/m3			01/16/26 02:37	1.361
Freon 11	ND		3.8	1.3	ug/m3			01/16/26 02:37	1.361
Freon 113	ND		5.2	1.8	ug/m3			01/16/26 02:37	1.361
Freon 12	**2.1**	**J**	3.4	1.1	ug/m3			01/16/26 02:37	1.361
Freon-114	ND		4.8	1.6	ug/m3			01/16/26 02:37	1.361
Heptane	ND		2.8	0.95	ug/m3			01/16/26 02:37	1.361
Hexachlorobutadiene	ND		29	9.7	ug/m3			01/16/26 02:37	1.361
Hexane	ND		2.4	0.82	ug/m3			01/16/26 02:37	1.361
m,p-Xylenes	ND		5.9	2.0	ug/m3			01/16/26 02:37	1.361
Methyl tert-butyl ether	ND		9.8	3.3	ug/m3			01/16/26 02:37	1.361
Methylene Chloride	ND		4.7	1.6	ug/m3			01/16/26 02:37	1.361

Client Sample ID: 825-LFGP-4

Lab Sample ID: 650-3330-25

Date Collected: 12/19/25 10:06
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		7.1	1.2	ug/m3			01/16/26 02:37	1.361
o-Xylene	ND		3.0	1.0	ug/m3			01/16/26 02:37	1.361
Propylbenzene	ND		3.3	1.1	ug/m3			01/16/26 02:37	1.361
Styrene	ND		2.9	0.99	ug/m3			01/16/26 02:37	1.361
Tetrachloroethene	ND		4.6	1.6	ug/m3			01/16/26 02:37	1.361
Tetrahydrofuran	ND	*-	2.0	0.68	ug/m3			01/16/26 02:37	1.361
Toluene	ND		5.1	1.7	ug/m3			01/16/26 02:37	1.361
trans-1,2-Dichloroethene	ND		2.7	0.92	ug/m3			01/16/26 02:37	1.361
trans-1,3-Dichloropropene	ND		3.1	1.1	ug/m3			01/16/26 02:37	1.361
Trichloroethene	ND		3.7	1.2	ug/m3			01/16/26 02:37	1.361
Vinyl chloride	ND		1.7	0.59	ug/m3			01/16/26 02:37	1.361

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*01/16/26 02:37*	*1.361*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*01/16/26 02:37*	*1.361*
Toluene-d8 (Surr)	*97*		*70 - 130*		*01/16/26 02:37*	*1.361*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00014	0.000045	% v/v			01/15/26 16:14	1.361

Client Sample ID: 825-LFGP-5

Lab Sample ID: 650-3330-26

Date Collected: 12/19/25 09:30
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	3.4	ug/m3			01/16/26 03:03	3.658
1,1,2,2-Tetrachloroethane	ND		13	4.3	ug/m3			01/16/26 03:03	3.658
1,1,2-Trichloroethane	ND		10	3.4	ug/m3			01/16/26 03:03	3.658
1,1-Dichloroethane	ND		7.4	2.5	ug/m3			01/16/26 03:03	3.658
1,1-Dichloroethene	ND		7.3	2.5	ug/m3			01/16/26 03:03	3.658
1,2,4-Trichlorobenzene	ND		54	18	ug/m3			01/16/26 03:03	3.658
1,2,4-Trimethylbenzene	ND		9.0	3.1	ug/m3			01/16/26 03:03	3.658
1,2-Dibromoethane (EDB)	ND		14	4.8	ug/m3			01/16/26 03:03	3.658
1,2-Dichlorobenzene	ND		11	3.7	ug/m3			01/16/26 03:03	3.658
1,2-Dichloroethane	ND		7.4	2.5	ug/m3			01/16/26 03:03	3.658
1,2-Dichloropropane	ND		8.5	2.9	ug/m3			01/16/26 03:03	3.658
1,3,5-Trimethylbenzene	ND		9.0	3.1	ug/m3			01/16/26 03:03	3.658
1,3-Butadiene	ND		4.0	1.4	ug/m3			01/16/26 03:03	3.658
1,3-Dichlorobenzene	ND		11	3.7	ug/m3			01/16/26 03:03	3.658
1,4-Dichlorobenzene	ND		11	3.7	ug/m3			01/16/26 03:03	3.658
1,4-Dioxane	ND	*-	13	4.4	ug/m3			01/16/26 03:03	3.658
2,2,4-Trimethylpentane	ND		8.5	2.9	ug/m3			01/16/26 03:03	3.658
2-Butanone (MEK)	ND		22	7.2	ug/m3			01/16/26 03:03	3.658
2-Hexanone	ND		30	10	ug/m3			01/16/26 03:03	3.658
2-Propanol	ND		18	6.0	ug/m3			01/16/26 03:03	3.658
3-Chloropropene	ND		5.7	1.9	ug/m3			01/16/26 03:03	3.658

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

Job ID: 650-3330-3
SDG: 65000581

Client Sample ID: 825-LFGP-5
Date Collected: 12/19/25 09:30
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-26
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		9.0	3.1	ug/m3			01/16/26 03:03	3.658
4-Methyl-2-pentanone (MIBK)	ND		7.5	2.5	ug/m3			01/16/26 03:03	3.658
Acetone	ND		43	15	ug/m3			01/16/26 03:03	3.658
alpha-Chlorotoluene	ND		9.5	3.2	ug/m3			01/16/26 03:03	3.658
Benzene	ND		5.8	2.0	ug/m3			01/16/26 03:03	3.658
Bromodichloromethane	ND		12	4.2	ug/m3			01/16/26 03:03	3.658
Bromoform	ND		19	6.4	ug/m3			01/16/26 03:03	3.658
Bromomethane	ND		14	4.7	ug/m3			01/16/26 03:03	3.658
Carbon disulfide	ND		23	7.6	ug/m3			01/16/26 03:03	3.658
Carbon tetrachloride	ND		12	3.9	ug/m3			01/16/26 03:03	3.658
Chlorobenzene	ND		8.4	2.9	ug/m3			01/16/26 03:03	3.658
Chloroethane	ND		19	6.5	ug/m3			01/16/26 03:03	3.658
Chloroform	ND		8.9	3.0	ug/m3			01/16/26 03:03	3.658
Chloromethane	ND		38	13	ug/m3			01/16/26 03:03	3.658
cis-1,2-Dichloroethene	ND		7.3	2.5	ug/m3			01/16/26 03:03	3.658
cis-1,3-Dichloropropene	ND		8.3	2.8	ug/m3			01/16/26 03:03	3.658
Cumene	ND		9.0	3.1	ug/m3			01/16/26 03:03	3.658
Cyclohexane	ND		6.3	2.1	ug/m3			01/16/26 03:03	3.658
Dibromochloromethane	ND		16	5.3	ug/m3			01/16/26 03:03	3.658
Ethanol	ND	*- *1	34	12	ug/m3			01/16/26 03:03	3.658
Ethylbenzene	ND		7.9	2.7	ug/m3			01/16/26 03:03	3.658
Freon 11	ND		10	3.5	ug/m3			01/16/26 03:03	3.658
Freon 113	ND		14	4.8	ug/m3			01/16/26 03:03	3.658
Freon 12	ND		9.0	3.1	ug/m3			01/16/26 03:03	3.658
Freon-114	ND		13	4.3	ug/m3			01/16/26 03:03	3.658
Heptane	ND		7.5	2.5	ug/m3			01/16/26 03:03	3.658
Hexachlorobutadiene	ND		78	26	ug/m3			01/16/26 03:03	3.658
Hexane	ND		6.4	2.2	ug/m3			01/16/26 03:03	3.658
m,p-Xylenes	ND		16	5.2	ug/m3			01/16/26 03:03	3.658
Methyl tert-butyl ether	ND		26	8.8	ug/m3			01/16/26 03:03	3.658
Methylene Chloride	ND		13	4.2	ug/m3			01/16/26 03:03	3.658
Naphthalene	ND		19	3.3	ug/m3			01/16/26 03:03	3.658
o-Xylene	ND		7.9	2.7	ug/m3			01/16/26 03:03	3.658
Propylbenzene	ND		9.0	3.1	ug/m3			01/16/26 03:03	3.658
Styrene	ND		7.8	2.6	ug/m3			01/16/26 03:03	3.658
Tetrachloroethene	ND		12	4.2	ug/m3			01/16/26 03:03	3.658
Tetrahydrofuran	ND	*-	5.4	1.8	ug/m3			01/16/26 03:03	3.658
Toluene	ND		14	4.5	ug/m3			01/16/26 03:03	3.658
trans-1,2-Dichloroethene	ND		7.3	2.5	ug/m3			01/16/26 03:03	3.658
trans-1,3-Dichloropropene	ND		8.3	2.8	ug/m3			01/16/26 03:03	3.658
Trichloroethene	ND		9.8	3.3	ug/m3			01/16/26 03:03	3.658
Vinyl chloride	ND		4.7	1.6	ug/m3			01/16/26 03:03	3.658

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*01/16/26 03:03*	*3.658*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*01/16/26 03:03*	*3.658*
Toluene-d8 (Surr)	*97*		*70 - 130*		*01/16/26 03:03*	*3.658*

Client Sample ID: 825-LFGP-5

Lab Sample ID: 650-3330-26

Date Collected: 12/19/25 09:30
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.000061**	**J**	0.00014	0.000045	% v/v			01/15/26 16:37	1.372

Client Sample ID: 825-LFGP-DUP

Lab Sample ID: 650-3330-27

Date Collected: 12/19/25 09:30
Matrix: Air
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		23	7.7	ug/m3			01/16/26 03:28	8.32
1,1,2,2-Tetrachloroethane	ND		29	9.7	ug/m3			01/16/26 03:28	8.32
1,1,2-Trichloroethane	ND		23	7.7	ug/m3			01/16/26 03:28	8.32
1,1-Dichloroethane	ND		17	5.7	ug/m3			01/16/26 03:28	8.32
1,1-Dichloroethene	ND		16	5.6	ug/m3			01/16/26 03:28	8.32
1,2,4-Trichlorobenzene	ND		120	41	ug/m3			01/16/26 03:28	8.32
1,2,4-Trimethylbenzene	ND		20	7.0	ug/m3			01/16/26 03:28	8.32
1,2-Dibromoethane (EDB)	ND		32	11	ug/m3			01/16/26 03:28	8.32
1,2-Dichlorobenzene	ND		25	8.5	ug/m3			01/16/26 03:28	8.32
1,2-Dichloroethane	ND		17	5.7	ug/m3			01/16/26 03:28	8.32
1,2-Dichloropropane	ND		19	6.5	ug/m3			01/16/26 03:28	8.32
1,3,5-Trimethylbenzene	ND		20	7.0	ug/m3			01/16/26 03:28	8.32
1,3-Butadiene	ND		9.2	3.1	ug/m3			01/16/26 03:28	8.32
1,3-Dichlorobenzene	ND		25	8.5	ug/m3			01/16/26 03:28	8.32
1,4-Dichlorobenzene	ND		25	8.5	ug/m3			01/16/26 03:28	8.32
1,4-Dioxane	ND	*-	30	9.9	ug/m3			01/16/26 03:28	8.32
2,2,4-Trimethylpentane	ND		19	6.6	ug/m3			01/16/26 03:28	8.32
2-Butanone (MEK)	ND		49	16	ug/m3			01/16/26 03:28	8.32
2-Hexanone	ND		68	23	ug/m3			01/16/26 03:28	8.32
2-Propanol	ND		41	14	ug/m3			01/16/26 03:28	8.32
3-Chloropropene	ND		13	4.4	ug/m3			01/16/26 03:28	8.32
4-Ethyltoluene	ND		20	7.0	ug/m3			01/16/26 03:28	8.32
4-Methyl-2-pentanone (MIBK)	ND		17	5.8	ug/m3			01/16/26 03:28	8.32
Acetone	ND		99	33	ug/m3			01/16/26 03:28	8.32
alpha-Chlorotoluene	ND		22	7.3	ug/m3			01/16/26 03:28	8.32
Benzene	ND		13	4.5	ug/m3			01/16/26 03:28	8.32
Bromodichloromethane	ND		28	9.5	ug/m3			01/16/26 03:28	8.32
Bromoform	ND		43	15	ug/m3			01/16/26 03:28	8.32
Bromomethane	ND		32	11	ug/m3			01/16/26 03:28	8.32
Carbon disulfide	ND		52	17	ug/m3			01/16/26 03:28	8.32
Carbon tetrachloride	ND		26	8.9	ug/m3			01/16/26 03:28	8.32
Chlorobenzene	ND		19	6.5	ug/m3			01/16/26 03:28	8.32
Chloroethane	ND		44	15	ug/m3			01/16/26 03:28	8.32
Chloroform	ND		20	6.9	ug/m3			01/16/26 03:28	8.32
Chloromethane	ND		86	29	ug/m3			01/16/26 03:28	8.32
cis-1,2-Dichloroethene	ND		16	5.6	ug/m3			01/16/26 03:28	8.32
cis-1,3-Dichloropropene	ND		19	6.4	ug/m3			01/16/26 03:28	8.32
Cumene	ND		20	7.0	ug/m3			01/16/26 03:28	8.32
Cyclohexane	ND		14	4.9	ug/m3			01/16/26 03:28	8.32
Dibromochloromethane	ND		35	12	ug/m3			01/16/26 03:28	8.32

Client Sample ID: 825-LFGP-DUP

Lab Sample ID: 650-3330-27

Date Collected: 12/19/25 09:30

Matrix: Air

Date Received: 12/31/25 12:20

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND	*- *1	78	26	ug/m3			01/16/26 03:28	8.32
Ethylbenzene	ND		18	6.1	ug/m3			01/16/26 03:28	8.32
Freon 11	ND		23	7.9	ug/m3			01/16/26 03:28	8.32
Freon 113	ND		32	11	ug/m3			01/16/26 03:28	8.32
Freon 12	ND		21	7.0	ug/m3			01/16/26 03:28	8.32
Freon-114	ND		29	9.9	ug/m3			01/16/26 03:28	8.32
Heptane	ND		17	5.8	ug/m3			01/16/26 03:28	8.32
Hexachlorobutadiene	ND		180	59	ug/m3			01/16/26 03:28	8.32
Hexane	ND		15	5.0	ug/m3			01/16/26 03:28	8.32
m,p-Xylenes	ND		36	12	ug/m3			01/16/26 03:28	8.32
Methyl tert-butyl ether	ND		60	20	ug/m3			01/16/26 03:28	8.32
Methylene Chloride	ND		29	9.5	ug/m3			01/16/26 03:28	8.32
Naphthalene	ND		44	7.4	ug/m3			01/16/26 03:28	8.32
o-Xylene	ND		18	6.1	ug/m3			01/16/26 03:28	8.32
Propylbenzene	ND		20	7.0	ug/m3			01/16/26 03:28	8.32
Styrene	ND		18	6.0	ug/m3			01/16/26 03:28	8.32
Tetrachloroethene	ND		28	9.6	ug/m3			01/16/26 03:28	8.32
Tetrahydrofuran	ND	*-	12	4.2	ug/m3			01/16/26 03:28	8.32
Toluene	ND		31	10	ug/m3			01/16/26 03:28	8.32
trans-1,2-Dichloroethene	ND		16	5.6	ug/m3			01/16/26 03:28	8.32
trans-1,3-Dichloropropene	ND		19	6.4	ug/m3			01/16/26 03:28	8.32
Trichloroethene	ND		22	7.6	ug/m3			01/16/26 03:28	8.32
Vinyl chloride	ND		11	3.6	ug/m3			01/16/26 03:28	8.32

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*01/16/26 03:28*	*8.32*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*01/16/26 03:28*	*8.32*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/16/26 03:28*	*8.32*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000048	% v/v			01/15/26 17:02	1.456

Surrogate Summary

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

Job ID: 650-3330-3
SDG: 65000581

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
650-3330-22	825-LFGP-1	91	106	98
650-3330-23	825-LFGP-2	90	106	98
650-3330-24	825-LFGP-3	91	104	98
650-3330-25	825-LFGP-4	86	105	97
650-3330-26	825-LFGP-5	89	107	97
650-3330-27	825-LFGP-DUP	90	106	99
LCS 650-7967/4	Lab Control Sample	90	109	97
LCSD 650-7967/5	Lab Control Sample Dup	90	106	97
MB 650-7967/7	Method Blank	82	105	98

Surrogate Legend

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

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

Job ID: 650-3330-3
SDG: 65000581

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

Lab Sample ID: MB 650-7967/7
Matrix: Air
Analysis Batch: 7967

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.93	ug/m3			01/15/26 12:50	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			01/15/26 12:50	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			01/15/26 12:50	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			01/15/26 12:50	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			01/15/26 12:50	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			01/15/26 12:50	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/15/26 12:50	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			01/15/26 12:50	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/15/26 12:50	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			01/15/26 12:50	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			01/15/26 12:50	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/15/26 12:50	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			01/15/26 12:50	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/15/26 12:50	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/15/26 12:50	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			01/15/26 12:50	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			01/15/26 12:50	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			01/15/26 12:50	1
2-Hexanone	ND		8.2	2.7	ug/m3			01/15/26 12:50	1
2-Propanol	ND		4.9	1.6	ug/m3			01/15/26 12:50	1
3-Chloropropene	ND		1.6	0.53	ug/m3			01/15/26 12:50	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			01/15/26 12:50	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			01/15/26 12:50	1
Acetone	ND		12	4.0	ug/m3			01/15/26 12:50	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			01/15/26 12:50	1
Benzene	ND		1.6	0.54	ug/m3			01/15/26 12:50	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			01/15/26 12:50	1
Bromoform	ND		5.2	1.8	ug/m3			01/15/26 12:50	1
Bromomethane	ND		3.9	1.3	ug/m3			01/15/26 12:50	1
Carbon disulfide	ND		6.2	2.1	ug/m3			01/15/26 12:50	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			01/15/26 12:50	1
Chlorobenzene	ND		2.3	0.78	ug/m3			01/15/26 12:50	1
Chloroethane	ND		5.3	1.8	ug/m3			01/15/26 12:50	1
Chloroform	ND		2.4	0.83	ug/m3			01/15/26 12:50	1
Chloromethane	ND		10	3.4	ug/m3			01/15/26 12:50	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/15/26 12:50	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/15/26 12:50	1
Cumene	ND		2.5	0.84	ug/m3			01/15/26 12:50	1
Cyclohexane	ND		1.7	0.59	ug/m3			01/15/26 12:50	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			01/15/26 12:50	1
Ethanol	ND		9.4	3.1	ug/m3			01/15/26 12:50	1
Ethylbenzene	ND		2.2	0.74	ug/m3			01/15/26 12:50	1
Freon 11	ND		2.8	0.96	ug/m3			01/15/26 12:50	1
Freon 113	ND		3.8	1.3	ug/m3			01/15/26 12:50	1
Freon 12	ND		2.5	0.84	ug/m3			01/15/26 12:50	1
Freon-114	ND		3.5	1.2	ug/m3			01/15/26 12:50	1
Heptane	ND		2.0	0.70	ug/m3			01/15/26 12:50	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			01/15/26 12:50	1

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

Lab Sample ID: MB 650-7967/7
Matrix: Air
Analysis Batch: 7967

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		1.8	0.60	ug/m3			01/15/26 12:50	1
m,p-Xylenes	ND		4.3	1.4	ug/m3			01/15/26 12:50	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			01/15/26 12:50	1
Methylene Chloride	ND		3.5	1.1	ug/m3			01/15/26 12:50	1
Naphthalene	ND		5.2	0.89	ug/m3			01/15/26 12:50	1
o-Xylene	ND		2.2	0.74	ug/m3			01/15/26 12:50	1
Propylbenzene	ND		2.5	0.84	ug/m3			01/15/26 12:50	1
Styrene	ND		2.1	0.72	ug/m3			01/15/26 12:50	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			01/15/26 12:50	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			01/15/26 12:50	1
Toluene	ND		3.8	1.2	ug/m3			01/15/26 12:50	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/15/26 12:50	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/15/26 12:50	1
Trichloroethene	ND		2.7	0.91	ug/m3			01/15/26 12:50	1
Vinyl chloride	ND		1.3	0.43	ug/m3			01/15/26 12:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*01/15/26 12:50*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*01/15/26 12:50*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/15/26 12:50*	*1*

Lab Sample ID: LCS 650-7967/4
Matrix: Air
Analysis Batch: 7967

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	109	99.8		ug/m3		92	70 - 130
1,1,2,2-Tetrachloroethane	137	135		ug/m3		98	70 - 130
1,1,2-Trichloroethane	109	113		ug/m3		103	70 - 130
1,1-Dichloroethane	80.7	69.7		ug/m3		86	70 - 130
1,1-Dichloroethene	79.1	73.9		ug/m3		93	70 - 130
1,2,4-Trichlorobenzene	166	140		ug/m3		84	70 - 130
1,2,4-Trimethylbenzene	98.1	100		ug/m3		102	70 - 130
1,2-Dibromoethane (EDB)	153	160		ug/m3		104	70 - 130
1,2-Dichlorobenzene	120	127		ug/m3		106	70 - 130
1,2-Dichloroethane	80.7	66.0		ug/m3		82	70 - 130
1,2-Dichloropropane	92.2	73.6		ug/m3		80	70 - 130
1,3,5-Trimethylbenzene	98.1	99.9		ug/m3		102	70 - 130
1,3-Butadiene	44.1	42.5		ug/m3		96	70 - 130
1,3-Dichlorobenzene	120	126		ug/m3		105	70 - 130
1,4-Dichlorobenzene	120	126		ug/m3		105	70 - 130
1,4-Dioxane	71.9	48.8	*-	ug/m3		68	70 - 130
2,2,4-Trimethylpentane	93.2	70.4		ug/m3		76	70 - 130
2-Butanone (MEK)	58.8	47.0		ug/m3		80	70 - 130
2-Hexanone	81.8	62.8		ug/m3		77	70 - 130
2-Propanol	49.0	35.1		ug/m3		72	70 - 130
3-Chloropropene	62.4	54.4		ug/m3		87	70 - 130
4-Ethyltoluene	98.1	104		ug/m3		106	70 - 130

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

Lab Sample ID: LCS 650-7967/4
Matrix: Air
Analysis Batch: 7967

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	81.7	64.3		ug/m3		79	70 - 130
Acetone	47.4	35.5		ug/m3		75	70 - 130
alpha-Chlorotoluene	103	107		ug/m3		104	70 - 130
Benzene	63.7	52.8		ug/m3		83	70 - 130
Bromodichloromethane	134	133		ug/m3		100	70 - 130
Bromoform	206	234		ug/m3		114	70 - 130
Bromomethane	77.5	77.8		ug/m3		100	70 - 130
Carbon disulfide	62.1	51.0		ug/m3		82	70 - 130
Carbon tetrachloride	125	126		ug/m3		100	70 - 130
Chlorobenzene	91.8	82.5		ug/m3		90	70 - 130
Chloroethane	52.6	47.2		ug/m3		90	70 - 130
Chloroform	97.4	80.3		ug/m3		82	70 - 130
Chloromethane	41.2	40.7		ug/m3		99	70 - 130
cis-1,2-Dichloroethene	79.1	72.3		ug/m3		91	70 - 130
cis-1,3-Dichloropropene	90.5	86.9		ug/m3		96	70 - 130
Cumene	98.1	88.0		ug/m3		90	70 - 130
Cyclohexane	68.7	55.0		ug/m3		80	70 - 130
Dibromochloromethane	170	184		ug/m3		108	70 - 130
Ethanol	44.4	22.9	*-	ug/m3		52	70 - 130
Ethylbenzene	86.6	75.8		ug/m3		88	70 - 130
Freon 11	112	114		ug/m3		102	70 - 130
Freon 113	153	156		ug/m3		102	70 - 130
Freon 12	98.7	96.9		ug/m3		98	70 - 130
Freon-114	139	147		ug/m3		105	70 - 130
Heptane	81.8	67.4		ug/m3		82	70 - 130
Hexachlorobutadiene	236	204		ug/m3		86	70 - 130
Hexane	70.3	51.9		ug/m3		74	70 - 130
m,p-Xylenes	86.6	75.9		ug/m3		88	70 - 130
Methyl tert-butyl ether	71.9	54.4		ug/m3		76	70 - 130
Methylene Chloride	69.3	49.0		ug/m3		71	70 - 130
Naphthalene	10.5	9.38		ug/m3		90	60 - 140
o-Xylene	86.6	76.1		ug/m3		88	70 - 130
Propylbenzene	98.1	104		ug/m3		106	70 - 130
Styrene	85.0	85.7		ug/m3		101	70 - 130
Tetrachloroethene	135	127		ug/m3		94	70 - 130
Tetrahydrofuran	58.8	39.1	*-	ug/m3		67	70 - 130
Toluene	75.2	65.1		ug/m3		87	70 - 130
trans-1,2-Dichloroethene	79.1	68.8		ug/m3		87	70 - 130
trans-1,3-Dichloropropene	90.5	84.8		ug/m3		94	70 - 130
Trichloroethene	107	99.7		ug/m3		93	70 - 130
Vinyl chloride	51.0	55.2		ug/m3		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

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

Lab Sample ID: LCSD 650-7967/5
Matrix: Air
Analysis Batch: 7967

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			109	102		ug/m3		94	70 - 130	3	25
1,1,2,2-Tetrachloroethane			137	136		ug/m3		99	70 - 130	1	25
1,1,2-Trichloroethane			109	110		ug/m3		101	70 - 130	2	25
1,1-Dichloroethane			80.7	70.0		ug/m3		87	70 - 130	1	25
1,1-Dichloroethene			79.1	73.4		ug/m3		93	70 - 130	1	25
1,2,4-Trichlorobenzene			166	158		ug/m3		95	70 - 130	12	25
1,2,4-Trimethylbenzene			98.1	102		ug/m3		104	70 - 130	2	25
1,2-Dibromoethane (EDB)			153	160		ug/m3		104	70 - 130	0	25
1,2-Dichlorobenzene			120	131		ug/m3		109	70 - 130	3	25
1,2-Dichloroethane			80.7	66.8		ug/m3		83	70 - 130	1	25
1,2-Dichloropropane			92.2	73.7		ug/m3		80	70 - 130	0	25
1,3,5-Trimethylbenzene			98.1	101		ug/m3		103	70 - 130	1	25
1,3-Butadiene			44.1	42.4		ug/m3		96	70 - 130	0	25
1,3-Dichlorobenzene			120	128		ug/m3		107	70 - 130	1	25
1,4-Dichlorobenzene			120	127		ug/m3		106	70 - 130	1	25
1,4-Dioxane			71.9	60.6		ug/m3		84	70 - 130	22	25
2,2,4-Trimethylpentane			93.2	71.7		ug/m3		77	70 - 130	2	25
2-Butanone (MEK)			58.8	46.4		ug/m3		79	70 - 130	1	25
2-Hexanone			81.8	61.8		ug/m3		76	70 - 130	2	25
2-Propanol			49.0	37.9		ug/m3		77	70 - 130	8	25
3-Chloropropene			62.4	55.1		ug/m3		88	70 - 130	1	25
4-Ethyltoluene			98.1	104		ug/m3		106	70 - 130	1	25
4-Methyl-2-pentanone (MIBK)			81.7	63.4		ug/m3		78	70 - 130	1	25
Acetone			47.4	35.7		ug/m3		75	70 - 130	0	25
alpha-Chlorotoluene			103	109		ug/m3		105	70 - 130	1	25
Benzene			63.7	53.4		ug/m3		84	70 - 130	1	25
Bromodichloromethane			134	135		ug/m3		101	70 - 130	1	25
Bromoform			206	234		ug/m3		114	70 - 130	0	25
Bromomethane			77.5	79.8		ug/m3		103	70 - 130	3	25
Carbon disulfide			62.1	50.7		ug/m3		82	70 - 130	1	25
Carbon tetrachloride			125	124		ug/m3		99	70 - 130	1	25
Chlorobenzene			91.8	83.2		ug/m3		91	70 - 130	1	25
Chloroethane			52.6	46.8		ug/m3		89	70 - 130	1	25
Chloroform			97.4	81.3		ug/m3		83	70 - 130	1	25
Chloromethane			41.2	40.7		ug/m3		99	70 - 130	0	25
cis-1,2-Dichloroethene			79.1	69.8		ug/m3		88	70 - 130	4	25
cis-1,3-Dichloropropene			90.5	86.3		ug/m3		95	70 - 130	1	25
Cumene			98.1	87.4		ug/m3		89	70 - 130	1	25
Cyclohexane			68.7	55.2		ug/m3		80	70 - 130	0	25
Dibromochloromethane			170	184		ug/m3		109	70 - 130	0	25
Ethanol			44.4	30.5	*- *1	ug/m3		69	70 - 130	29	25
Ethylbenzene			86.6	76.8		ug/m3		89	70 - 130	1	25
Freon 11			112	113		ug/m3		101	70 - 130	1	25
Freon 113			153	156		ug/m3		102	70 - 130	1	25
Freon 12			98.7	97.3		ug/m3		99	70 - 130	0	25
Freon-114			139	147		ug/m3		105	70 - 130	0	25
Heptane			81.8	67.5		ug/m3		83	70 - 130	0	25
Hexachlorobutadiene			236	228		ug/m3		97	70 - 130	11	25

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

Lab Sample ID: LCSD 650-7967/5
Matrix: Air
Analysis Batch: 7967

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexane			70.3	52.1		ug/m3		74	70 - 130	0	25
m,p-Xylenes			86.6	77.2		ug/m3		89	70 - 130	2	25
Methyl tert-butyl ether			71.9	54.5		ug/m3		76	70 - 130	0	25
Methylene Chloride			69.3	48.8		ug/m3		70	70 - 130	0	25
Naphthalene			10.5	10.7		ug/m3		102	60 - 140	13	25
o-Xylene			86.6	76.1		ug/m3		88	70 - 130	0	25
Propylbenzene			98.1	104		ug/m3		106	70 - 130	0	25
Styrene			85.0	85.4		ug/m3		101	70 - 130	0	25
Tetrachloroethene			135	126		ug/m3		93	70 - 130	1	25
Tetrahydrofuran			58.8	39.3	*-	ug/m3		67	70 - 130	0	25
Toluene			75.2	65.2		ug/m3		87	70 - 130	0	25
trans-1,2-Dichloroethene			79.1	68.7		ug/m3		87	70 - 130	0	25
trans-1,3-Dichloropropene			90.5	88.7		ug/m3		98	70 - 130	5	25
Trichloroethene			107	99.8		ug/m3		93	70 - 130	0	25
Vinyl chloride			51.0	54.7		ug/m3		107	70 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 650-7997/3
Matrix: Air
Analysis Batch: 7997

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			01/15/26 11:20	1

Lab Sample ID: LCS 650-7997/2
Matrix: Air
Analysis Batch: 7997

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane			9.82	9.73		% v/v		99	85 - 115		

Lab Sample ID: LCSD 650-7997/22
Matrix: Air
Analysis Batch: 7997

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane			9.82	9.74		% v/v		99	85 - 115	0	25

QC Association Summary

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

Job ID: 650-3330-3
SDG: 65000581

Air - GC/MS VOA

Analysis Batch: 7967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-22	825-LFGP-1	Total/NA	Air	TO-15	
650-3330-23	825-LFGP-2	Total/NA	Air	TO-15	
650-3330-24	825-LFGP-3	Total/NA	Air	TO-15	
650-3330-25	825-LFGP-4	Total/NA	Air	TO-15	
650-3330-26	825-LFGP-5	Total/NA	Air	TO-15	
650-3330-27	825-LFGP-DUP	Total/NA	Air	TO-15	
MB 650-7967/7	Method Blank	Total/NA	Air	TO-15	
LCS 650-7967/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-7967/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 7997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-22	825-LFGP-1	Total/NA	Air	D1946	
650-3330-23	825-LFGP-2	Total/NA	Air	D1946	
650-3330-24	825-LFGP-3	Total/NA	Air	D1946	
650-3330-25	825-LFGP-4	Total/NA	Air	D1946	
650-3330-26	825-LFGP-5	Total/NA	Air	D1946	
650-3330-27	825-LFGP-DUP	Total/NA	Air	D1946	
MB 650-7997/3	Method Blank	Total/NA	Air	D1946	
LCS 650-7997/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-7997/22	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

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

Job ID: 650-3330-3
SDG: 65000581

Client Sample ID: 825-LFGP-1
Lab Sample ID: 650-3330-22
Date Collected: 12/19/25 11:52
Matrix: Air
Date Received: 12/31/25 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.643	7967	JF	Air Toxics	01/16/26 01:12
Total/NA	Analysis	D1946		1.643	7997	EM	Air Toxics	01/15/26 15:03

Client Sample ID: 825-LFGP-2
Lab Sample ID: 650-3330-23
Date Collected: 12/19/25 10:45
Matrix: Air
Date Received: 12/31/25 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.833	7967	JF	Air Toxics	01/16/26 01:40
Total/NA	Analysis	D1946		1.833	7997	EM	Air Toxics	01/15/26 15:26

Client Sample ID: 825-LFGP-3
Lab Sample ID: 650-3330-24
Date Collected: 12/19/25 09:45
Matrix: Air
Date Received: 12/31/25 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.372	7967	JF	Air Toxics	01/16/26 02:09
Total/NA	Analysis	D1946		1.372	7997	EM	Air Toxics	01/15/26 15:50

Client Sample ID: 825-LFGP-4
Lab Sample ID: 650-3330-25
Date Collected: 12/19/25 10:06
Matrix: Air
Date Received: 12/31/25 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.361	7967	JF	Air Toxics	01/16/26 02:37
Total/NA	Analysis	D1946		1.361	7997	EM	Air Toxics	01/15/26 16:14

Client Sample ID: 825-LFGP-5
Lab Sample ID: 650-3330-26
Date Collected: 12/19/25 09:30
Matrix: Air
Date Received: 12/31/25 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		3.658	7967	JF	Air Toxics	01/16/26 03:03
Total/NA	Analysis	D1946		1.372	7997	EM	Air Toxics	01/15/26 16:37

Client Sample ID: 825-LFGP-DUP
Lab Sample ID: 650-3330-27
Date Collected: 12/19/25 09:30
Matrix: Air
Date Received: 12/31/25 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		8.32	7967	JF	Air Toxics	01/16/26 03:28
Total/NA	Analysis	D1946		1.456	7997	EM	Air Toxics	01/15/26 17:02

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 650-3330-3
SDG: 65000581

Laboratory: Eurofins Environment Testing Northern California, Air Toxics

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

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

Method Summary

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

Job ID: 650-3330-3
SDG: 65000581

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

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

Job ID: 650-3330-3
SDG: 65000581

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-3330-22	825-LFGP-1	Air	12/19/25 11:52	12/31/25 12:20	Air Canister (6-Liter) #6L0159
650-3330-23	825-LFGP-2	Air	12/19/25 10:45	12/31/25 12:20	Air Canister (6-Liter) #6L0746
650-3330-24	825-LFGP-3	Air	12/19/25 09:45	12/31/25 12:20	Air Canister (6-Liter) #6L3917
650-3330-25	825-LFGP-4	Air	12/19/25 10:06	12/31/25 12:20	Air Canister (6-Liter) #6L2906
650-3330-26	825-LFGP-5	Air	12/19/25 09:30	12/31/25 12:20	Air Canister (6-Liter) #6L2837
650-3330-27	825-LFGP-DUP	Air	12/19/25 09:30	12/31/25 12:20	Air Canister (6-Liter) #6L2322

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

650-3330-01 COC

Canister Samples Chain of Custody Record

eurofins | Environment Testing

1/29/2026

| | | |

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

650-3330-03 COC

Canister Samples Chain of Custody Record

eurofins | Environment Testing

1/29/2026

Client Contact Information	**Client Project Manager: Whittaker, Brian**	**Samples Collected By:** S&ME MA
Company Name: S&ME Inc	**Phone: 916-605-3355**	COC No: 650-2091-436.1
Address: 3201 Spring Forest Road	**Email: Brian.Whittaker@et.eurofinsus.com**	Page 1 of 1
City/State/Zip: Raleigh NC, 27616		**State of origin:** NC
Phone: 919-872-2660	**Site Contact: Jerry Paul**	Samples received after 3:00PM PST are considered to be received on the following workday.
Project Number: 65000581	**Tel/Fax: /916-985-1000**	
Project Name: Durham Parks	**Anaylsis Turnaround Time**	
Site/Location: Northgate	Standard (Specific): standard	
P O #: Purchase Order not required	Rush (Specifiy):	

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:
(See below for Add'l Items)

Lab ID	Sample Identification	Sample Start		Sample Finish		Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	D1946 - (MOD) CH4 only	TO15_STD - (MOD) TO-15 + Naph			Sample Type	IA=Indoor Air, AA=Ambient Air	SS=Sub-Slab, Soil Vapor Extraction (SVE)	Other (Please specify)	Sample Specific Notes (including duplicate tees, gauges, and other miscellaneous barcoded equipment used):
		Sample Date(s)	Time Start (24hr)	Sample Date(s)	Time Finish (24hr)													
22A	825-LF6P-1	12/19/25	1052	12/19/25	1152	30	6	25248	6L0159	X	X							
23A	825-LF6P-2		0945		1045	30	5	24237	6L0746	X	X							
24A	825-LF6P-3		0908		0945	25	2	27301	6L3917	X	X							
25A	825-LF6P-4		0924		1006	28	5	24262	6L2906	X	X							
26A	825-LF6P-5		0854		0930	27	5	24501	6L2837	X	X							
27A	825-LF6P-DUP	↓	0854	↓	0930	30	12	23350	6L2322	X	X							

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Fedex	**Date / Time:**	**Samples Received by:**
Samples Relinquished by:	**Date / Time:** 12/30/25 1730	**Received by:** SLP EHL 12/31/25 1220
Relinquished by:	**Date / Time:**	**Received by:**

Lab Use Only: **Shipper Name:** FedEX **Custody Seals Intact?:** Yes No None **Condition:**

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-3330-3
SDG Number: 65000581

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

List Source: Eurofins Environment Testing Northern California, Air Toxics

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

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

EMSL Analytical, Inc.

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

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

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

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

Analytical Results

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

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jpaul@smeinc.com

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Analytical Results
(Continued)

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

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Analytical Results
(Continued)

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

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Analytical Results
(Continued)

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

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Analytical Results
(Continued)

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

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Analytical Results
(Continued)

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

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Sales Rep: Jason McDonald
Received: 01/05/2026 11:20
Reported: 01/19/2026 16:32

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	A2LA,AIHA LAP

List of Certifications

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

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

EMSL Analytical, Inc.

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

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

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

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

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AE05114

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

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

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

Customer Information

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

Billing Information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE05114

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

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

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

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

Method of Shipment: Fedex

Sample Condition Upon Receipt:

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

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

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EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

A205114

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

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

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
825-LFGP-2	Northgate Cont'd	NIOSH 6009 Mercury	Sorbent tube	0.25	1047	1147		☐ Area ☐ Personal	12-19-25	
825-LFGP-4					1008	1108		☐ Area ☐ Personal		
825-LFGP-3					0937	1057		☐ Area ☐ Personal		
825-LFGP-1					1157	1257		☐ Area ☐ Personal		
821-LFGP-2	E. Durham Partr				1132	1232		☐ Area ☐ Personal	12-30-25	
821-LFGP-5					1134	1234		☐ Area ☐ Personal		
821-LFGP-DUP					1134	1234		☐ Area ☐ Personal		
821-LFGP-6					1136	1236		☐ Area ☐ Personal		
821-LFGP-7					1137	1237		☐ Area ☐ Personal		
821-LFGP-3					1235	1335		☐ Area ☐ Personal		
821-LFGP-8					1243	1343		☐ Area ☐ Personal		
821-LFGP-4					1248	1348		☐ Area ☐ Personal		
821-LFGP-9					1249	1349		☐ Area ☐ Personal		
821-LFGP-1					1340	1440		☐ Area ☐ Personal		
823-LFGP-2	East End Partr				1205	1305		☐ Area ☐ Personal	12-29-25	
823-LFGP-3	/				1214	1314		☐ Area ☐ Personal	/	

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by: | Date/Time:

Relinquished by: | Date/Time:

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

Received by: | Date/Time

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EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE05114

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

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

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

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

Method of Shipment: Fedex

Sample Condition Upon Receipt:

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

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

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EMSL Analytical, Inc.

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

EMSL Order ID: 012546107
LIMS Reference ID: AD46107
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 12/22/2025 15:00
Reported: 01/07/2026 08:44

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 825-LFGP-1		**Lims Reference ID:**		**AD46107-01**	**Matrix: Air**				**Sampled: 12/22/25 15:00:00**
Air Toxics									
Hydrogen Sulfide	**ND**		1	10	ppbv	12/23/25 13:19	12/23/25 13:19	TP	ASTM D5504
Sample: 825-LFGP-2		**Lims Reference ID:**		**AD46107-02**	**Matrix: Air**				**Sampled: 12/22/25 14:50:00**
Air Toxics									
Hydrogen Sulfide	**ND**		1	10	ppbv	12/23/25 13:33	12/23/25 13:33	TP	ASTM D5504
Sample: 825-LFGP-3		**Lims Reference ID:**		**AD46107-03**	**Matrix: Air**				**Sampled: 12/22/25 14:40:00**
Air Toxics									
Hydrogen Sulfide	**ND**		1	10	ppbv	12/23/25 13:47	12/23/25 13:47	TP	ASTM D5504
Sample: 825-LFGP-4		**Lims Reference ID:**		**AD46107-04**	**Matrix: Air**				**Sampled: 12/22/25 14:30:00**
Air Toxics									
Hydrogen Sulfide	**ND**		1	10	ppbv	12/23/25 14:00	12/23/25 14:00	TP	ASTM D5504
Sample: 825-LFGP-5		**Lims Reference ID:**		**AD46107-05**	**Matrix: Air**				**Sampled: 12/22/25 14:20:00**
Air Toxics									
Hydrogen Sulfide	**ND**		1	10	ppbv	12/23/25 14:13	12/23/25 14:13	TP	ASTM D5504

EMSL Analytical, Inc.

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

EMSL Order ID: 012546107
LIMS Reference ID: AD46107
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 12/22/2025 15:00
Reported: 01/07/2026 08:44

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only: 251610 7

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

RECEIVED EMSL CINNAMINSON, NJ 2025 DEC 23 A 10:32

Customer Information

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

Billing Information

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

Purchase Order:

Project Name/No: Durham Parks 23050630, Northgate Park
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)
PWS ID:
State Reporting Required? ☐ Yes ☐ No

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Other (Specify)
Samples Collected by (Check One): ☐ EMSL ☑ CLIENT
Samples Received Chilled? ☐ ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)
Sampled By Name: Brandon Governo
Sampled By Signature:
Sampler ID#: (if applicable)
No. Samples in Shipment:

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
			12/22/25											
825-LF6P-1	☐	☒	1500	A		x								Low Level H2S
825-LF6P-2	☐	☒	1450	A		x								
825-LF6P-3	☐	☒	1440	A		x								
825-LF6P-4	☐	☒	1430	A		x								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)
Please use 14 µg/m³ MDL

Reporting requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other
Method of Shipment: Fed Ex
Sample Condition Upon Receipt:
Received on Ice? Check if Yes ☐

Relinquished by: Brandon Governo	Date/Time: ~~11-17-25~~ 12/22/25 1730	Received by: David Shaffer	Date/Time: 12-23-25 10:30 am
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only AD 46107

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

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
825-LFGP-5	☐	☒	12/22/25 1420	A		X								
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED
EMSL
CINNAMINSON, NJ
2025 DEC 23 A 10:32

Method of Shipment: Fed Ex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by:	Date/Time:	Received by:	Date/Time
	12/22/25 1730		
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only: 251610 7

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

RECEIVED EMSL CINNAMINSON, NJ 2025 DEC 23 A 10:32

Customer Information

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

Billing Information

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

Purchase Order:

Project Name/No: Durham Parks 23050630, Northgate Park
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)
PWS ID:
State Reporting Required? ☐ Yes ☐ No

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Other (Specify)
Samples Collected by (Check One): ☐ EMSL ☑ CLIENT
Samples Received Chilled? ☐ ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)
Sampled By Name: Brandon Governo
Sampled By Signature:
Sampler ID#: (if applicable)
No. Samples in Shipment:

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
			12/22/25											
825-LF6P-1	☐	☒	1500	A		x								Low Level H2S
825-LF6P-2	☐	☒	1450	A		x								
825-LF6P-3	☐	☒	1440	A		x								
825-LF6P-4	☐	☒	1430	A		x								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)
Please use 14 µg/m³ MDL

Reporting requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other
Method of Shipment: Fed Ex
Sample Condition Upon Receipt:
Received on Ice? Check if Yes ☐

Relinquished by: Brandon Governo	Date/Time: ~~11-17-25~~ 12/22/25 1730	Received by: David Shaffer	Date/Time: 12-23-25 10:30 am
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only AD 46107

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

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
825-LFGP-5	☐	☒	12/22/25 1420	A		X								
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED
EMSL
CINNAMINSON, NJ
2025 DEC 23 A 10:32

Method of Shipment: Fed Ex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by:	Date/Time:	Received by:	Date/Time
	12/22/25 1730		
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/11/2025 7:49:37 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-39788-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization

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12/11/2025 7:49:37 AM

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: 752-39788-1
Project/Site: Northgate Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

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
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

Job Narrative
752-39788-1

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

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

Receipt
The samples were received on 12/3/2025 7:30 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 0.5°C and 1.0°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-733097 recovered outside control limits for the following analyte: Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-733266 recovered outside control limits for the following analytes: Acetone, Bromomethane and n-Butylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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-3 (752-39788-2), MW-4 (752-39788-3), MW-5 (752-39788-4) and 120225-Dup-1 (752-39788-9). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-39788-1

Client Sample ID: MW-2 — Lab Sample ID: 752-39788-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.38	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	455		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.477	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	510		5.00	1.29	ug/L	1		6020B	Total Recoverable
Zinc	17.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0260	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0260	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	10.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 752-39788-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.05	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	146		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	7.69		5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	20.7		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	1970		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.95	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	11.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.157	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0210	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0210	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	91.3		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 752-39788-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	150		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	4.31	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	1360		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.40	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia	0.138	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Sulfate	172		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 752-39788-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	204		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.206	J	1.00	0.147	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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Client Sample ID: MW-5 (Continued) — Lab Sample ID: 752-39788-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	4.49	J	5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	12.7		5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.53	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.54		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	3710		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.37	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	6.24		5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia	0.299		0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0180	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Sulfate	146		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 752-39788-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.14	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	241		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	16.4		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	2400		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.34	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.39	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia	0.752		0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0220	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0220	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	11.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-39788-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.92	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	199		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	17.9		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	8820		25.0	6.45	ug/L	5		6020B	Total Recoverable
Nickel	3.09	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0100	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0100	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	36.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-39788-1

Client Sample ID: MW-8 — Lab Sample ID: 752-39788-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	262		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	430		5.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	9.12		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 752-39788-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	102		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.96	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.94	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	458		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.21	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.28	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	111		10.0	8.91	ug/L	1		6020B	Total Recoverable
Sulfate	39.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 120225-Dup-1 — Lab Sample ID: 752-39788-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.81	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	144		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	4.90	J	5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	22.0		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	2040		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.89	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	9.20	J	10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.152	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Sulfate	101		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-39788-10

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-39788-1

Client Sample ID: MW-2
Date Collected: 12/02/25 13:05
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/09/25 17:09	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 17:09	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 17:09	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 17:09	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 17:09	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 17:09	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 17:09	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 17:09	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 17:09	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 17:09	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 17:09	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 17:09	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 17:09	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 17:09	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 17:09	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 17:09	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 17:09	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 17:09	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 17:09	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 17:09	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 17:09	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 17:09	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 17:09	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 17:09	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 17:09	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 17:09	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 17:09	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 17:09	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 17:09	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 17:09	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 17:09	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 17:09	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 17:09	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 17:09	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 17:09	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 17:09	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:09	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 17:09	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 17:09	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 17:09	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 17:09	1

Client Sample ID: MW-2
Date Collected: 12/02/25 13:05
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:09	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 17:09	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 17:09	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 17:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 17:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 17:09	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 17:09	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 17:09	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:09	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 17:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 17:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 17:09	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 17:09	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 17:09	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 17:09	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 17:09	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 17:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 17:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 17:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 17:09	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 17:09	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 17:09	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 17:09*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/09/25 17:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/09/25 17:09*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/09/25 17:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/08/25 11:09	12/08/25 23:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*12/08/25 11:09*	*12/08/25 23:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.430	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/08/25 11:04	12/09/25 20:49	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/08/25 11:04	12/09/25 20:49	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/08/25 11:04	12/09/25 20:49	1
2-Chlorophenol	ND		10.2	0.860	ug/L		12/08/25 11:04	12/09/25 20:49	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/08/25 11:04	12/09/25 20:49	1

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

Job ID: 752-39788-1

Client Sample ID: MW-2
Date Collected: 12/02/25 13:05
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.778	ug/L		12/08/25 11:04	12/09/25 20:49	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/08/25 11:04	12/09/25 20:49	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/08/25 11:04	12/09/25 20:49	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/08/25 11:04	12/09/25 20:49	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/08/25 11:04	12/09/25 20:49	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/08/25 11:04	12/09/25 20:49	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/08/25 11:04	12/09/25 20:49	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/08/25 11:04	12/09/25 20:49	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/08/25 11:04	12/09/25 20:49	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/08/25 11:04	12/09/25 20:49	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/08/25 11:04	12/09/25 20:49	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/08/25 11:04	12/09/25 20:49	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/08/25 11:04	12/09/25 20:49	1
Acenaphthene	ND		10.2	0.645	ug/L		12/08/25 11:04	12/09/25 20:49	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/08/25 11:04	12/09/25 20:49	1
Acetophenone	ND		10.2	3.28	ug/L		12/08/25 11:04	12/09/25 20:49	1
Anthracene	ND		10.2	0.932	ug/L		12/08/25 11:04	12/09/25 20:49	1
Atrazine	ND		10.2	1.16	ug/L		12/08/25 11:04	12/09/25 20:49	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/08/25 11:04	12/09/25 20:49	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/08/25 11:04	12/09/25 20:49	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/08/25 11:04	12/09/25 20:49	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/08/25 11:04	12/09/25 20:49	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/08/25 11:04	12/09/25 20:49	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/08/25 11:04	12/09/25 20:49	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/08/25 11:04	12/09/25 20:49	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/08/25 11:04	12/09/25 20:49	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		12/08/25 11:04	12/09/25 20:49	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/08/25 11:04	12/09/25 20:49	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/08/25 11:04	12/09/25 20:49	1
Caprolactam	ND		10.2	2.46	ug/L		12/08/25 11:04	12/09/25 20:49	1
Carbazole	ND		10.2	0.328	ug/L		12/08/25 11:04	12/09/25 20:49	1
Chrysene	ND		10.2	1.23	ug/L		12/08/25 11:04	12/09/25 20:49	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/08/25 11:04	12/09/25 20:49	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/08/25 11:04	12/09/25 20:49	1
Diethyl phthalate	ND		10.2	4.10	ug/L		12/08/25 11:04	12/09/25 20:49	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/08/25 11:04	12/09/25 20:49	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/08/25 11:04	12/09/25 20:49	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/08/25 11:04	12/09/25 20:49	1
Fluoranthene	ND		10.2	0.645	ug/L		12/08/25 11:04	12/09/25 20:49	1
Fluorene	ND		10.2	0.686	ug/L		12/08/25 11:04	12/09/25 20:49	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/08/25 11:04	12/09/25 20:49	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/08/25 11:04	12/09/25 20:49	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/08/25 11:04	12/09/25 20:49	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/08/25 11:04	12/09/25 20:49	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/08/25 11:04	12/09/25 20:49	1
Isophorone	ND		10.2	0.819	ug/L		12/08/25 11:04	12/09/25 20:49	1
Naphthalene	ND		10.2	0.768	ug/L		12/08/25 11:04	12/09/25 20:49	1
Nitrobenzene	ND		10.2	0.614	ug/L		12/08/25 11:04	12/09/25 20:49	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/08/25 11:04	12/09/25 20:49	1

Client Sample ID: MW-2

Date Collected: 12/02/25 13:05
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/08/25 11:04	12/09/25 20:49	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/08/25 11:04	12/09/25 20:49	1
Phenanthrene	ND		10.2	0.758	ug/L		12/08/25 11:04	12/09/25 20:49	1
Phenol	ND		10.2	0.696	ug/L		12/08/25 11:04	12/09/25 20:49	1
Pyrene	ND		10.2	0.645	ug/L		12/08/25 11:04	12/09/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 150*	*12/08/25 11:04*	*12/09/25 20:49*	*1*
2-Fluorobiphenyl (Surr)	*87*		*25 - 139*	*12/08/25 11:04*	*12/09/25 20:49*	*1*
2-Fluorophenol (Surr)	*101*		*10 - 150*	*12/08/25 11:04*	*12/09/25 20:49*	*1*
Nitrobenzene-d5 (Surr)	*93*		*22 - 150*	*12/08/25 11:04*	*12/09/25 20:49*	*1*
Phenol-d5 (Surr)	*104*		*10 - 150*	*12/08/25 11:04*	*12/09/25 20:49*	*1*
Terphenyl-d14 (Surr)	*60*		*28 - 150*	*12/08/25 11:04*	*12/09/25 20:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 19:57	1
Arsenic	**1.38**	**J**	5.00	1.32	ug/L		12/05/25 08:18	12/05/25 19:57	1
Barium	**455**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 19:57	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 19:57	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 19:57	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 19:57	1
Cobalt	**0.477**	**J**	5.00	0.411	ug/L		12/05/25 08:18	12/05/25 19:57	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 19:57	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 19:57	1
Manganese	**510**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 19:57	1
Nickel	ND		5.00	0.422	ug/L		12/05/25 08:18	12/05/25 19:57	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 19:57	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 19:57	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 19:57	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 19:57	1
Zinc	**17.7**		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 19:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/08/25 17:15	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0260**	**J**	0.100	0.0100	mg/L			12/10/25 12:22	1
Nitrate as N (SM Nitrate by calc)	**0.0260**	**J**	0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**10.1**		5.00	1.40	mg/L			12/06/25 12:50	1

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

Job ID: 752-39788-1

Client Sample ID: MW-3
Date Collected: 12/02/25 13:35
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/09/25 17:36	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 17:36	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 17:36	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 17:36	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 17:36	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 17:36	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 17:36	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 17:36	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 17:36	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 17:36	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 17:36	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 17:36	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 17:36	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 17:36	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 17:36	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 17:36	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 17:36	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 17:36	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 17:36	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 17:36	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 17:36	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 17:36	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 17:36	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 17:36	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 17:36	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 17:36	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 17:36	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 17:36	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 17:36	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 17:36	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 17:36	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 17:36	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 17:36	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 17:36	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 17:36	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 17:36	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:36	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 17:36	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 17:36	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 17:36	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 17:36	1

Client Sample ID: MW-3
Date Collected: 12/02/25 13:35
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:36	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 17:36	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 17:36	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 17:36	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 17:36	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 17:36	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 17:36	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 17:36	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:36	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 17:36	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 17:36	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 17:36	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 17:36	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 17:36	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 17:36	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 17:36	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 17:36	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 17:36	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 17:36	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 17:36	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 17:36	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 17:36*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/09/25 17:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*59 - 146*		*12/09/25 17:36*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/09/25 17:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		12/08/25 11:09	12/08/25 23:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*12/08/25 11:09*	*12/08/25 23:51*	*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		12/08/25 11:04	12/09/25 21:23	1
2,4,5-Trichlorophenol	ND		10.4	0.561	ug/L		12/08/25 11:04	12/09/25 21:23	1
2,4,6-Trichlorophenol	ND		10.4	1.13	ug/L		12/08/25 11:04	12/09/25 21:23	1
2,4-Dichlorophenol	ND		10.4	0.592	ug/L		12/08/25 11:04	12/09/25 21:23	1
2,4-Dimethylphenol	ND		10.4	0.249	ug/L		12/08/25 11:04	12/09/25 21:23	1
2,4-Dinitrophenol	ND		31.1	4.86	ug/L		12/08/25 11:04	12/09/25 21:23	1
2,4-Dinitrotoluene	ND		10.4	0.675	ug/L		12/08/25 11:04	12/09/25 21:23	1
2,6-Dinitrotoluene	ND		10.4	0.301	ug/L		12/08/25 11:04	12/09/25 21:23	1
2-Chloronaphthalene	ND		10.4	0.394	ug/L		12/08/25 11:04	12/09/25 21:23	1
2-Chlorophenol	ND		10.4	0.872	ug/L		12/08/25 11:04	12/09/25 21:23	1
2-Methylnaphthalene	ND		10.4	0.841	ug/L		12/08/25 11:04	12/09/25 21:23	1

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

Job ID: 752-39788-1

Client Sample ID: MW-3
Date Collected: 12/02/25 13:35
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.4	0.789	ug/L		12/08/25 11:04	12/09/25 21:23	1
2-Nitroaniline	ND		10.4	1.42	ug/L		12/08/25 11:04	12/09/25 21:23	1
2-Nitrophenol	ND		10.4	1.21	ug/L		12/08/25 11:04	12/09/25 21:23	1
3 & 4 Methylphenol	ND		20.8	4.78	ug/L		12/08/25 11:04	12/09/25 21:23	1
3,3'-Dichlorobenzidine	ND		11.4	0.426	ug/L		12/08/25 11:04	12/09/25 21:23	1
3-Nitroaniline	ND		10.4	0.986	ug/L		12/08/25 11:04	12/09/25 21:23	1
4,6-Dinitro-2-methylphenol	ND		10.4	2.04	ug/L		12/08/25 11:04	12/09/25 21:23	1
4-Bromophenyl phenyl ether	ND		10.4	0.135	ug/L		12/08/25 11:04	12/09/25 21:23	1
4-Chloro-3-methylphenol	ND		10.4	0.758	ug/L		12/08/25 11:04	12/09/25 21:23	1
4-Chloroaniline	ND		10.4	0.602	ug/L		12/08/25 11:04	12/09/25 21:23	1
4-Chlorophenyl phenyl ether	ND		10.4	0.249	ug/L		12/08/25 11:04	12/09/25 21:23	1
4-Nitroaniline	ND		10.4	3.63	ug/L		12/08/25 11:04	12/09/25 21:23	1
4-Nitrophenol	ND		10.4	2.84	ug/L		12/08/25 11:04	12/09/25 21:23	1
Acenaphthene	ND		10.4	0.654	ug/L		12/08/25 11:04	12/09/25 21:23	1
Acenaphthylene	ND		10.4	0.789	ug/L		12/08/25 11:04	12/09/25 21:23	1
Acetophenone	ND		10.4	3.32	ug/L		12/08/25 11:04	12/09/25 21:23	1
Anthracene	ND		10.4	0.945	ug/L		12/08/25 11:04	12/09/25 21:23	1
Atrazine	ND		10.4	1.17	ug/L		12/08/25 11:04	12/09/25 21:23	1
Benzaldehyde	ND		10.4	0.696	ug/L		12/08/25 11:04	12/09/25 21:23	1
Benzo[a]anthracene	ND		10.4	1.04	ug/L		12/08/25 11:04	12/09/25 21:23	1
Benzo[a]pyrene	ND		10.4	1.14	ug/L		12/08/25 11:04	12/09/25 21:23	1
Benzo[b]fluoranthene	ND		10.4	1.25	ug/L		12/08/25 11:04	12/09/25 21:23	1
Benzo[g,h,i]perylene	ND		10.4	1.56	ug/L		12/08/25 11:04	12/09/25 21:23	1
Benzo[k]fluoranthene	ND		10.4	1.56	ug/L		12/08/25 11:04	12/09/25 21:23	1
bis (2-chloroisopropyl) ether	ND		10.4	0.965	ug/L		12/08/25 11:04	12/09/25 21:23	1
Bis(2-chloroethoxy)methane	ND		10.4	0.353	ug/L		12/08/25 11:04	12/09/25 21:23	1
Bis(2-chloroethyl)ether	ND		10.4	0.758	ug/L		12/08/25 11:04	12/09/25 21:23	1
Bis(2-ethylhexyl) phthalate	ND		10.4	4.15	ug/L		12/08/25 11:04	12/09/25 21:23	1
Butyl benzyl phthalate	ND		10.4	4.15	ug/L		12/08/25 11:04	12/09/25 21:23	1
Caprolactam	ND		10.4	2.49	ug/L		12/08/25 11:04	12/09/25 21:23	1
Carbazole	ND		10.4	0.332	ug/L		12/08/25 11:04	12/09/25 21:23	1
Chrysene	ND		10.4	1.25	ug/L		12/08/25 11:04	12/09/25 21:23	1
Dibenz(a,h)anthracene	ND		10.4	1.35	ug/L		12/08/25 11:04	12/09/25 21:23	1
Dibenzofuran	ND		10.4	0.664	ug/L		12/08/25 11:04	12/09/25 21:23	1
Diethyl phthalate	ND		10.4	4.15	ug/L		12/08/25 11:04	12/09/25 21:23	1
Dimethyl phthalate	ND		10.4	4.15	ug/L		12/08/25 11:04	12/09/25 21:23	1
Di-n-butyl phthalate	ND		10.4	8.50	ug/L		12/08/25 11:04	12/09/25 21:23	1
Di-n-octyl phthalate	ND		10.4	4.15	ug/L		12/08/25 11:04	12/09/25 21:23	1
Fluoranthene	ND		10.4	0.654	ug/L		12/08/25 11:04	12/09/25 21:23	1
Fluorene	ND		10.4	0.696	ug/L		12/08/25 11:04	12/09/25 21:23	1
Hexachlorobenzene	ND		10.4	0.260	ug/L		12/08/25 11:04	12/09/25 21:23	1
Hexachlorobutadiene	ND		10.4	0.571	ug/L		12/08/25 11:04	12/09/25 21:23	1
Hexachlorocyclopentadiene	ND		20.8	0.332	ug/L		12/08/25 11:04	12/09/25 21:23	1
Hexachloroethane	ND		10.4	0.550	ug/L		12/08/25 11:04	12/09/25 21:23	1
Indeno[1,2,3-cd]pyrene	ND		10.4	1.14	ug/L		12/08/25 11:04	12/09/25 21:23	1
Isophorone	ND		10.4	0.830	ug/L		12/08/25 11:04	12/09/25 21:23	1
Naphthalene	ND		10.4	0.779	ug/L		12/08/25 11:04	12/09/25 21:23	1
Nitrobenzene	ND		10.4	0.623	ug/L		12/08/25 11:04	12/09/25 21:23	1
N-Nitrosodi-n-propylamine	ND		10.4	0.343	ug/L		12/08/25 11:04	12/09/25 21:23	1

Client Sample ID: MW-3
Date Collected: 12/02/25 13:35
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.4	0.197	ug/L		12/08/25 11:04	12/09/25 21:23	1
Pentachlorophenol	ND		10.4	2.91	ug/L		12/08/25 11:04	12/09/25 21:23	1
Phenanthrene	ND		10.4	0.768	ug/L		12/08/25 11:04	12/09/25 21:23	1
Phenol	ND		10.4	0.706	ug/L		12/08/25 11:04	12/09/25 21:23	1
Pyrene	ND		10.4	0.654	ug/L		12/08/25 11:04	12/09/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 150*	*12/08/25 11:04*	*12/09/25 21:23*	*1*
2-Fluorobiphenyl (Surr)	*101*		*25 - 139*	*12/08/25 11:04*	*12/09/25 21:23*	*1*
2-Fluorophenol (Surr)	*106*		*10 - 150*	*12/08/25 11:04*	*12/09/25 21:23*	*1*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*	*12/08/25 11:04*	*12/09/25 21:23*	*1*
Phenol-d5 (Surr)	*101*		*10 - 150*	*12/08/25 11:04*	*12/09/25 21:23*	*1*
Terphenyl-d14 (Surr)	*70*		*28 - 150*	*12/08/25 11:04*	*12/09/25 21:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:15	1
Arsenic	**2.05**	**J**	5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:15	1
Barium	**146**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:15	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:15	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:15	1
Chromium	**7.69**		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:15	1
Cobalt	**20.7**		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:15	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:15	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:15	1
Manganese	**1970**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:15	1
Nickel	**2.95**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:15	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:15	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:15	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:15	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:15	1
Zinc	**11.7**		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.157**	**J**	0.250	0.100	mg/L			12/08/25 17:23	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0210**	**J**	0.100	0.0100	mg/L			12/10/25 12:24	1
Nitrate as N (SM Nitrate by calc)	**0.0210**	**J**	0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**91.3**		25.0	7.00	mg/L			12/06/25 13:52	5

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

Job ID: 752-39788-1

Client Sample ID: MW-4
Date Collected: 12/02/25 13:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-3
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			12/09/25 18:02	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 18:02	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 18:02	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 18:02	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 18:02	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 18:02	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 18:02	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 18:02	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 18:02	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 18:02	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 18:02	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 18:02	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 18:02	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 18:02	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 18:02	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 18:02	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 18:02	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 18:02	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 18:02	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 18:02	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 18:02	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 18:02	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 18:02	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 18:02	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 18:02	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 18:02	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 18:02	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 18:02	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 18:02	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 18:02	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 18:02	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 18:02	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 18:02	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 18:02	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 18:02	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 18:02	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 18:02	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:02	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 18:02	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 18:02	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 18:02	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 18:02	1

Client Sample ID: MW-4
Date Collected: 12/02/25 13:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:02	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 18:02	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 18:02	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 18:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 18:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 18:02	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 18:02	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 18:02	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:02	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 18:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 18:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 18:02	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 18:02	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 18:02	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 18:02	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 18:02	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 18:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 18:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 18:02	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 18:02	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 18:02	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/09/25 18:02*	*1*
Dibromofluoromethane	*109*		*79 - 130*		*12/09/25 18:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/09/25 18:02*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/09/25 18:02*	*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		0.279	0.279	ug/L		12/08/25 11:09	12/09/25 00:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*12/08/25 11:09*	*12/09/25 00:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.3	0.432	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		12/08/25 11:04	12/09/25 21:56	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		12/08/25 11:04	12/09/25 21:56	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		12/08/25 11:04	12/09/25 21:56	1
2-Chlorophenol	ND		10.3	0.863	ug/L		12/08/25 11:04	12/09/25 21:56	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		12/08/25 11:04	12/09/25 21:56	1

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

Job ID: 752-39788-1

Client Sample ID: MW-4
Date Collected: 12/02/25 13:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-3
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		10.3	0.781	ug/L		12/08/25 11:04	12/09/25 21:56	1
2-Nitroaniline	ND		10.3	1.41	ug/L		12/08/25 11:04	12/09/25 21:56	1
2-Nitrophenol	ND		10.3	1.20	ug/L		12/08/25 11:04	12/09/25 21:56	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		12/08/25 11:04	12/09/25 21:56	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		12/08/25 11:04	12/09/25 21:56	1
3-Nitroaniline	ND		10.3	0.976	ug/L		12/08/25 11:04	12/09/25 21:56	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		12/08/25 11:04	12/09/25 21:56	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		12/08/25 11:04	12/09/25 21:56	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		12/08/25 11:04	12/09/25 21:56	1
4-Chloroaniline	ND		10.3	0.596	ug/L		12/08/25 11:04	12/09/25 21:56	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		12/08/25 11:04	12/09/25 21:56	1
4-Nitroaniline	ND		10.3	3.60	ug/L		12/08/25 11:04	12/09/25 21:56	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/08/25 11:04	12/09/25 21:56	1
Acenaphthene	ND		10.3	0.647	ug/L		12/08/25 11:04	12/09/25 21:56	1
Acenaphthylene	ND		10.3	0.781	ug/L		12/08/25 11:04	12/09/25 21:56	1
Acetophenone	ND		10.3	3.29	ug/L		12/08/25 11:04	12/09/25 21:56	1
Anthracene	ND		10.3	0.935	ug/L		12/08/25 11:04	12/09/25 21:56	1
Atrazine	ND		10.3	1.16	ug/L		12/08/25 11:04	12/09/25 21:56	1
Benzaldehyde	ND		10.3	0.688	ug/L		12/08/25 11:04	12/09/25 21:56	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/08/25 11:04	12/09/25 21:56	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/08/25 11:04	12/09/25 21:56	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		12/08/25 11:04	12/09/25 21:56	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		12/08/25 11:04	12/09/25 21:56	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		12/08/25 11:04	12/09/25 21:56	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		12/08/25 11:04	12/09/25 21:56	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		12/08/25 11:04	12/09/25 21:56	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		12/08/25 11:04	12/09/25 21:56	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/09/25 21:56	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/09/25 21:56	1
Caprolactam	ND		10.3	2.47	ug/L		12/08/25 11:04	12/09/25 21:56	1
Carbazole	ND		10.3	0.329	ug/L		12/08/25 11:04	12/09/25 21:56	1
Chrysene	ND		10.3	1.23	ug/L		12/08/25 11:04	12/09/25 21:56	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/08/25 11:04	12/09/25 21:56	1
Dibenzofuran	ND		10.3	0.658	ug/L		12/08/25 11:04	12/09/25 21:56	1
Diethyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/09/25 21:56	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/09/25 21:56	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		12/08/25 11:04	12/09/25 21:56	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/09/25 21:56	1
Fluoranthene	ND		10.3	0.647	ug/L		12/08/25 11:04	12/09/25 21:56	1
Fluorene	ND		10.3	0.688	ug/L		12/08/25 11:04	12/09/25 21:56	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		12/08/25 11:04	12/09/25 21:56	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		12/08/25 11:04	12/09/25 21:56	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		12/08/25 11:04	12/09/25 21:56	1
Hexachloroethane	ND		10.3	0.545	ug/L		12/08/25 11:04	12/09/25 21:56	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/08/25 11:04	12/09/25 21:56	1
Isophorone	ND		10.3	0.822	ug/L		12/08/25 11:04	12/09/25 21:56	1
Naphthalene	ND		10.3	0.771	ug/L		12/08/25 11:04	12/09/25 21:56	1
Nitrobenzene	ND		10.3	0.616	ug/L		12/08/25 11:04	12/09/25 21:56	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		12/08/25 11:04	12/09/25 21:56	1

Client Sample ID: MW-4

Date Collected: 12/02/25 13:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-3

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		10.3	0.195	ug/L		12/08/25 11:04	12/09/25 21:56	1
Pentachlorophenol	ND		10.3	2.88	ug/L		12/08/25 11:04	12/09/25 21:56	1
Phenanthrene	ND		10.3	0.760	ug/L		12/08/25 11:04	12/09/25 21:56	1
Phenol	ND		10.3	0.699	ug/L		12/08/25 11:04	12/09/25 21:56	1
Pyrene	ND		10.3	0.647	ug/L		12/08/25 11:04	12/09/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 150*	*12/08/25 11:04*	*12/09/25 21:56*	*1*
2-Fluorobiphenyl (Surr)	*103*		*25 - 139*	*12/08/25 11:04*	*12/09/25 21:56*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 150*	*12/08/25 11:04*	*12/09/25 21:56*	*1*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*	*12/08/25 11:04*	*12/09/25 21:56*	*1*
Phenol-d5 (Surr)	*61*		*10 - 150*	*12/08/25 11:04*	*12/09/25 21:56*	*1*
Terphenyl-d14 (Surr)	*64*		*28 - 150*	*12/08/25 11:04*	*12/09/25 21:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:21	1
Arsenic	ND		5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:21	1
Barium	**150**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:21	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:21	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:21	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:21	1
Cobalt	**4.31**	**J**	5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:21	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:21	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:21	1
Manganese	**1360**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:21	1
Nickel	**1.40**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:21	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:21	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:21	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:21	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:21	1
Zinc	ND		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.138**	**J**	0.250	0.100	mg/L			12/08/25 17:25	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/10/25 12:26	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**172**		25.0	7.00	mg/L			12/06/25 13:53	5

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

Client Sample ID: MW-5
Lab Sample ID: 752-39788-4
Date Collected: 12/02/25 14:55
Matrix: Water
Date Received: 12/03/25 07:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/09/25 18:29	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 18:29	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 18:29	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 18:29	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 18:29	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 18:29	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 18:29	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 18:29	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 18:29	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 18:29	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 18:29	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 18:29	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 18:29	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 18:29	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 18:29	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 18:29	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 18:29	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 18:29	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 18:29	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 18:29	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 18:29	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 18:29	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 18:29	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 18:29	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 18:29	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 18:29	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 18:29	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 18:29	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 18:29	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 18:29	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 18:29	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 18:29	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 18:29	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 18:29	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 18:29	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 18:29	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 18:29	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:29	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 18:29	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 18:29	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 18:29	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 18:29	1

Client Sample ID: MW-5
Date Collected: 12/02/25 14:55
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:29	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 18:29	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 18:29	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 18:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 18:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 18:29	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 18:29	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 18:29	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:29	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 18:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 18:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 18:29	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 18:29	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 18:29	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 18:29	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 18:29	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 18:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 18:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 18:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 18:29	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 18:29	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 18:29	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*12/09/25 18:29*	*1*
Dibromofluoromethane	*115*		*79 - 130*		*12/09/25 18:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*59 - 146*		*12/09/25 18:29*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/09/25 18:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.281	0.281	ug/L		12/08/25 11:09	12/09/25 00:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*12/08/25 11:09*	*12/09/25 00:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/08/25 11:04	12/09/25 22:30	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/08/25 11:04	12/09/25 22:30	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/08/25 11:04	12/09/25 22:30	1
2-Chlorophenol	ND		10.2	0.854	ug/L		12/08/25 11:04	12/09/25 22:30	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/08/25 11:04	12/09/25 22:30	1

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

Job ID: 752-39788-1

Client Sample ID: MW-5
Date Collected: 12/02/25 14:55
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		12/08/25 11:04	12/09/25 22:30	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/08/25 11:04	12/09/25 22:30	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/08/25 11:04	12/09/25 22:30	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/08/25 11:04	12/09/25 22:30	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/08/25 11:04	12/09/25 22:30	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/08/25 11:04	12/09/25 22:30	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/08/25 11:04	12/09/25 22:30	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/08/25 11:04	12/09/25 22:30	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/08/25 11:04	12/09/25 22:30	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/08/25 11:04	12/09/25 22:30	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/08/25 11:04	12/09/25 22:30	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/08/25 11:04	12/09/25 22:30	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/08/25 11:04	12/09/25 22:30	1
Acenaphthene	ND		10.2	0.641	ug/L		12/08/25 11:04	12/09/25 22:30	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/08/25 11:04	12/09/25 22:30	1
Acetophenone	ND		10.2	3.25	ug/L		12/08/25 11:04	12/09/25 22:30	1
Anthracene	ND		10.2	0.925	ug/L		12/08/25 11:04	12/09/25 22:30	1
Atrazine	ND		10.2	1.15	ug/L		12/08/25 11:04	12/09/25 22:30	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/08/25 11:04	12/09/25 22:30	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/08/25 11:04	12/09/25 22:30	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 22:30	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/08/25 11:04	12/09/25 22:30	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/08/25 11:04	12/09/25 22:30	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/08/25 11:04	12/09/25 22:30	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/08/25 11:04	12/09/25 22:30	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/08/25 11:04	12/09/25 22:30	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/08/25 11:04	12/09/25 22:30	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/08/25 11:04	12/09/25 22:30	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/08/25 11:04	12/09/25 22:30	1
Caprolactam	ND		10.2	2.44	ug/L		12/08/25 11:04	12/09/25 22:30	1
Carbazole	ND		10.2	0.325	ug/L		12/08/25 11:04	12/09/25 22:30	1
Chrysene	ND		10.2	1.22	ug/L		12/08/25 11:04	12/09/25 22:30	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/08/25 11:04	12/09/25 22:30	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/08/25 11:04	12/09/25 22:30	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/08/25 11:04	12/09/25 22:30	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/08/25 11:04	12/09/25 22:30	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/08/25 11:04	12/09/25 22:30	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/08/25 11:04	12/09/25 22:30	1
Fluoranthene	ND		10.2	0.641	ug/L		12/08/25 11:04	12/09/25 22:30	1
Fluorene	ND		10.2	0.681	ug/L		12/08/25 11:04	12/09/25 22:30	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/08/25 11:04	12/09/25 22:30	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/08/25 11:04	12/09/25 22:30	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/08/25 11:04	12/09/25 22:30	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/08/25 11:04	12/09/25 22:30	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 22:30	1
Isophorone	ND		10.2	0.814	ug/L		12/08/25 11:04	12/09/25 22:30	1
Naphthalene	ND		10.2	0.763	ug/L		12/08/25 11:04	12/09/25 22:30	1
Nitrobenzene	ND		10.2	0.610	ug/L		12/08/25 11:04	12/09/25 22:30	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/08/25 11:04	12/09/25 22:30	1

Client Sample ID: MW-5

Date Collected: 12/02/25 14:55
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/08/25 11:04	12/09/25 22:30	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/08/25 11:04	12/09/25 22:30	1
Phenanthrene	ND		10.2	0.753	ug/L		12/08/25 11:04	12/09/25 22:30	1
Phenol	ND		10.2	0.692	ug/L		12/08/25 11:04	12/09/25 22:30	1
Pyrene	ND		10.2	0.641	ug/L		12/08/25 11:04	12/09/25 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 150*	*12/08/25 11:04*	*12/09/25 22:30*	*1*
2-Fluorobiphenyl (Surr)	*91*		*25 - 139*	*12/08/25 11:04*	*12/09/25 22:30*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 150*	*12/08/25 11:04*	*12/09/25 22:30*	*1*
Nitrobenzene-d5 (Surr)	*99*		*22 - 150*	*12/08/25 11:04*	*12/09/25 22:30*	*1*
Phenol-d5 (Surr)	*70*		*10 - 150*	*12/08/25 11:04*	*12/09/25 22:30*	*1*
Terphenyl-d14 (Surr)	*64*		*28 - 150*	*12/08/25 11:04*	*12/09/25 22:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:27	1
Arsenic	ND		5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:27	1
Barium	**204**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:27	1
Beryllium	**0.206**	**J**	1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:27	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:27	1
Chromium	**4.49**	**J**	5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:27	1
Cobalt	**12.7**		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:27	1
Copper	**1.53**	**J**	2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:27	1
Lead	**1.54**		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:27	1
Manganese	**3710**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:27	1
Nickel	**4.37**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:27	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:27	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:27	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:27	1
Vanadium	**6.24**		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:27	1
Zinc	ND		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.299**		0.250	0.100	mg/L			12/08/25 17:28	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0180**	**J**	0.100	0.0100	mg/L			12/10/25 12:28	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**146**		25.0	7.00	mg/L			12/06/25 13:53	5

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

Job ID: 752-39788-1

Client Sample ID: MW-6
Date Collected: 12/02/25 14:50
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/09/25 18:55	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 18:55	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 18:55	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 18:55	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 18:55	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 18:55	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 18:55	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 18:55	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 18:55	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 18:55	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 18:55	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 18:55	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 18:55	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 18:55	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 18:55	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 18:55	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 18:55	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 18:55	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 18:55	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 18:55	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 18:55	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 18:55	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 18:55	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 18:55	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 18:55	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 18:55	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 18:55	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 18:55	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 18:55	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 18:55	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 18:55	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 18:55	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 18:55	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 18:55	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 18:55	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 18:55	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 18:55	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:55	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 18:55	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 18:55	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 18:55	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 18:55	1

Client Sample ID: MW-6
Date Collected: 12/02/25 14:50
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:55	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 18:55	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 18:55	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 18:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 18:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 18:55	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 18:55	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 18:55	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:55	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 18:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 18:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 18:55	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 18:55	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 18:55	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 18:55	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 18:55	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 18:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 18:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 18:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 18:55	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 18:55	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 18:55	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/09/25 18:55*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/09/25 18:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*59 - 146*		*12/09/25 18:55*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 18:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		12/08/25 11:09	12/09/25 00:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*12/08/25 11:09*	*12/09/25 00:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.429	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		12/08/25 11:04	12/09/25 23:03	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		12/08/25 11:04	12/09/25 23:03	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		12/08/25 11:04	12/09/25 23:03	1
2-Chlorophenol	ND		10.2	0.857	ug/L		12/08/25 11:04	12/09/25 23:03	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		12/08/25 11:04	12/09/25 23:03	1

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

Job ID: 752-39788-1

Client Sample ID: MW-6
Date Collected: 12/02/25 14:50
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.776	ug/L		12/08/25 11:04	12/09/25 23:03	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/08/25 11:04	12/09/25 23:03	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/08/25 11:04	12/09/25 23:03	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		12/08/25 11:04	12/09/25 23:03	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		12/08/25 11:04	12/09/25 23:03	1
3-Nitroaniline	ND		10.2	0.969	ug/L		12/08/25 11:04	12/09/25 23:03	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		12/08/25 11:04	12/09/25 23:03	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/08/25 11:04	12/09/25 23:03	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		12/08/25 11:04	12/09/25 23:03	1
4-Chloroaniline	ND		10.2	0.592	ug/L		12/08/25 11:04	12/09/25 23:03	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		12/08/25 11:04	12/09/25 23:03	1
4-Nitroaniline	ND		10.2	3.57	ug/L		12/08/25 11:04	12/09/25 23:03	1
4-Nitrophenol	ND		10.2	2.80	ug/L		12/08/25 11:04	12/09/25 23:03	1
Acenaphthene	ND		10.2	0.643	ug/L		12/08/25 11:04	12/09/25 23:03	1
Acenaphthylene	ND		10.2	0.776	ug/L		12/08/25 11:04	12/09/25 23:03	1
Acetophenone	ND		10.2	3.27	ug/L		12/08/25 11:04	12/09/25 23:03	1
Anthracene	ND		10.2	0.929	ug/L		12/08/25 11:04	12/09/25 23:03	1
Atrazine	ND		10.2	1.15	ug/L		12/08/25 11:04	12/09/25 23:03	1
Benzaldehyde	ND		10.2	0.684	ug/L		12/08/25 11:04	12/09/25 23:03	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/08/25 11:04	12/09/25 23:03	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 23:03	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/08/25 11:04	12/09/25 23:03	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/08/25 11:04	12/09/25 23:03	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/08/25 11:04	12/09/25 23:03	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		12/08/25 11:04	12/09/25 23:03	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		12/08/25 11:04	12/09/25 23:03	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		12/08/25 11:04	12/09/25 23:03	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:03	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:03	1
Caprolactam	ND		10.2	2.45	ug/L		12/08/25 11:04	12/09/25 23:03	1
Carbazole	ND		10.2	0.327	ug/L		12/08/25 11:04	12/09/25 23:03	1
Chrysene	ND		10.2	1.22	ug/L		12/08/25 11:04	12/09/25 23:03	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/08/25 11:04	12/09/25 23:03	1
Dibenzofuran	ND		10.2	0.653	ug/L		12/08/25 11:04	12/09/25 23:03	1
Diethyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:03	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:03	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		12/08/25 11:04	12/09/25 23:03	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:03	1
Fluoranthene	ND		10.2	0.643	ug/L		12/08/25 11:04	12/09/25 23:03	1
Fluorene	ND		10.2	0.684	ug/L		12/08/25 11:04	12/09/25 23:03	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		12/08/25 11:04	12/09/25 23:03	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		12/08/25 11:04	12/09/25 23:03	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		12/08/25 11:04	12/09/25 23:03	1
Hexachloroethane	ND		10.2	0.541	ug/L		12/08/25 11:04	12/09/25 23:03	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 23:03	1
Isophorone	ND		10.2	0.816	ug/L		12/08/25 11:04	12/09/25 23:03	1
Naphthalene	ND		10.2	0.765	ug/L		12/08/25 11:04	12/09/25 23:03	1
Nitrobenzene	ND		10.2	0.612	ug/L		12/08/25 11:04	12/09/25 23:03	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		12/08/25 11:04	12/09/25 23:03	1

Client Sample ID: MW-6

Date Collected: 12/02/25 14:50
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-5

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		10.2	0.194	ug/L		12/08/25 11:04	12/09/25 23:03	1
Pentachlorophenol	ND		10.2	2.86	ug/L		12/08/25 11:04	12/09/25 23:03	1
Phenanthrene	ND		10.2	0.755	ug/L		12/08/25 11:04	12/09/25 23:03	1
Phenol	ND		10.2	0.694	ug/L		12/08/25 11:04	12/09/25 23:03	1
Pyrene	ND		10.2	0.643	ug/L		12/08/25 11:04	12/09/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 150*	*12/08/25 11:04*	*12/09/25 23:03*	*1*
2-Fluorobiphenyl (Surr)	*87*		*25 - 139*	*12/08/25 11:04*	*12/09/25 23:03*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*12/08/25 11:04*	*12/09/25 23:03*	*1*
Nitrobenzene-d5 (Surr)	*92*		*22 - 150*	*12/08/25 11:04*	*12/09/25 23:03*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/08/25 11:04*	*12/09/25 23:03*	*1*
Terphenyl-d14 (Surr)	*60*		*28 - 150*	*12/08/25 11:04*	*12/09/25 23:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:33	1
Arsenic	**2.14**	**J**	5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:33	1
Barium	**241**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:33	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:33	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:33	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:33	1
Cobalt	**16.4**		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:33	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:33	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:33	1
Manganese	**2400**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:33	1
Nickel	**1.34**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:33	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:33	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:33	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:33	1
Vanadium	**1.39**	**J**	5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:33	1
Zinc	ND		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.752**		0.250	0.100	mg/L			12/08/25 17:31	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0220**	**J**	0.100	0.0100	mg/L			12/10/25 12:30	1
Nitrate as N (SM Nitrate by calc)	**0.0220**	**J**	0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**11.6**		5.00	1.40	mg/L			12/06/25 12:54	1

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

Job ID: 752-39788-1

Client Sample ID: MW-7
Date Collected: 12/02/25 15:40
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/09/25 19:22	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 19:22	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 19:22	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 19:22	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 19:22	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 19:22	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 19:22	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 19:22	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 19:22	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 19:22	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 19:22	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 19:22	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 19:22	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 19:22	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 19:22	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 19:22	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 19:22	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 19:22	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 19:22	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 19:22	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 19:22	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 19:22	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 19:22	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 19:22	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 19:22	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 19:22	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 19:22	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 19:22	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 19:22	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 19:22	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 19:22	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 19:22	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 19:22	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 19:22	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 19:22	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 19:22	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 19:22	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 19:22	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 19:22	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 19:22	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 19:22	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 19:22	1

Client Sample ID: MW-7
Date Collected: 12/02/25 15:40
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 19:22	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 19:22	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 19:22	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 19:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 19:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 19:22	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 19:22	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 19:22	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 19:22	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 19:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 19:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 19:22	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 19:22	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 19:22	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 19:22	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 19:22	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 19:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 19:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 19:22	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 19:22	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 19:22	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/09/25 19:22*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*12/09/25 19:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*59 - 146*		*12/09/25 19:22*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 19:22*	*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		0.293	0.293	ug/L		12/08/25 11:09	12/09/25 01:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/08/25 11:09*	*12/09/25 01:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.429	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		12/08/25 11:04	12/09/25 23:36	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		12/08/25 11:04	12/09/25 23:36	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		12/08/25 11:04	12/09/25 23:36	1
2-Chlorophenol	ND		10.2	0.857	ug/L		12/08/25 11:04	12/09/25 23:36	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		12/08/25 11:04	12/09/25 23:36	1

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

Job ID: 752-39788-1

Client Sample ID: MW-7
Date Collected: 12/02/25 15:40
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.776	ug/L		12/08/25 11:04	12/09/25 23:36	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/08/25 11:04	12/09/25 23:36	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/08/25 11:04	12/09/25 23:36	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		12/08/25 11:04	12/09/25 23:36	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		12/08/25 11:04	12/09/25 23:36	1
3-Nitroaniline	ND		10.2	0.969	ug/L		12/08/25 11:04	12/09/25 23:36	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		12/08/25 11:04	12/09/25 23:36	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/08/25 11:04	12/09/25 23:36	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		12/08/25 11:04	12/09/25 23:36	1
4-Chloroaniline	ND		10.2	0.592	ug/L		12/08/25 11:04	12/09/25 23:36	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		12/08/25 11:04	12/09/25 23:36	1
4-Nitroaniline	ND		10.2	3.57	ug/L		12/08/25 11:04	12/09/25 23:36	1
4-Nitrophenol	ND		10.2	2.80	ug/L		12/08/25 11:04	12/09/25 23:36	1
Acenaphthene	ND		10.2	0.643	ug/L		12/08/25 11:04	12/09/25 23:36	1
Acenaphthylene	ND		10.2	0.776	ug/L		12/08/25 11:04	12/09/25 23:36	1
Acetophenone	ND		10.2	3.27	ug/L		12/08/25 11:04	12/09/25 23:36	1
Anthracene	ND		10.2	0.929	ug/L		12/08/25 11:04	12/09/25 23:36	1
Atrazine	ND		10.2	1.15	ug/L		12/08/25 11:04	12/09/25 23:36	1
Benzaldehyde	ND		10.2	0.684	ug/L		12/08/25 11:04	12/09/25 23:36	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/08/25 11:04	12/09/25 23:36	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 23:36	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/08/25 11:04	12/09/25 23:36	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/08/25 11:04	12/09/25 23:36	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/08/25 11:04	12/09/25 23:36	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		12/08/25 11:04	12/09/25 23:36	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		12/08/25 11:04	12/09/25 23:36	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		12/08/25 11:04	12/09/25 23:36	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:36	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:36	1
Caprolactam	ND		10.2	2.45	ug/L		12/08/25 11:04	12/09/25 23:36	1
Carbazole	ND		10.2	0.327	ug/L		12/08/25 11:04	12/09/25 23:36	1
Chrysene	ND		10.2	1.22	ug/L		12/08/25 11:04	12/09/25 23:36	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/08/25 11:04	12/09/25 23:36	1
Dibenzofuran	ND		10.2	0.653	ug/L		12/08/25 11:04	12/09/25 23:36	1
Diethyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:36	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:36	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		12/08/25 11:04	12/09/25 23:36	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		12/08/25 11:04	12/09/25 23:36	1
Fluoranthene	ND		10.2	0.643	ug/L		12/08/25 11:04	12/09/25 23:36	1
Fluorene	ND		10.2	0.684	ug/L		12/08/25 11:04	12/09/25 23:36	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		12/08/25 11:04	12/09/25 23:36	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		12/08/25 11:04	12/09/25 23:36	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		12/08/25 11:04	12/09/25 23:36	1
Hexachloroethane	ND		10.2	0.541	ug/L		12/08/25 11:04	12/09/25 23:36	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/08/25 11:04	12/09/25 23:36	1
Isophorone	ND		10.2	0.816	ug/L		12/08/25 11:04	12/09/25 23:36	1
Naphthalene	ND		10.2	0.765	ug/L		12/08/25 11:04	12/09/25 23:36	1
Nitrobenzene	ND		10.2	0.612	ug/L		12/08/25 11:04	12/09/25 23:36	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		12/08/25 11:04	12/09/25 23:36	1

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

Job ID: 752-39788-1

Client Sample ID: MW-7

Date Collected: 12/02/25 15:40
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		12/08/25 11:04	12/09/25 23:36	1
Pentachlorophenol	ND		10.2	2.86	ug/L		12/08/25 11:04	12/09/25 23:36	1
Phenanthrene	ND		10.2	0.755	ug/L		12/08/25 11:04	12/09/25 23:36	1
Phenol	ND		10.2	0.694	ug/L		12/08/25 11:04	12/09/25 23:36	1
Pyrene	ND		10.2	0.643	ug/L		12/08/25 11:04	12/09/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*12/08/25 11:04*	*12/09/25 23:36*	*1*
2-Fluorobiphenyl (Surr)	*87*		*25 - 139*	*12/08/25 11:04*	*12/09/25 23:36*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*12/08/25 11:04*	*12/09/25 23:36*	*1*
Nitrobenzene-d5 (Surr)	*96*		*22 - 150*	*12/08/25 11:04*	*12/09/25 23:36*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/08/25 11:04*	*12/09/25 23:36*	*1*
Terphenyl-d14 (Surr)	*61*		*28 - 150*	*12/08/25 11:04*	*12/09/25 23:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:39	1
Arsenic	**1.92**	**J**	5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:39	1
Barium	**199**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:39	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:39	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:39	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:39	1
Cobalt	**17.9**		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:39	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:39	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:39	1
Manganese	**8820**		25.0	6.45	ug/L		12/05/25 08:18	12/05/25 20:42	5
Nickel	**3.09**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:39	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:39	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:39	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:39	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:39	1
Zinc	ND		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/08/25 17:44	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0100**	**J**	0.100	0.0100	mg/L			12/10/25 12:32	1
Nitrate as N (SM Nitrate by calc)	**0.0100**	**J**	0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**36.7**		5.00	1.40	mg/L			12/06/25 12:54	1

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

Job ID: 752-39788-1

Client Sample ID: MW-8
Date Collected: 12/02/25 15:30
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/09/25 19:49	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 19:49	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 19:49	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 19:49	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 19:49	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 19:49	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 19:49	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 19:49	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 19:49	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 19:49	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 19:49	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 19:49	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 19:49	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 19:49	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 19:49	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 19:49	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 19:49	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 19:49	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 19:49	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 19:49	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 19:49	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 19:49	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 19:49	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 19:49	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 19:49	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 19:49	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 19:49	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 19:49	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 19:49	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 19:49	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 19:49	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 19:49	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 19:49	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 19:49	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 19:49	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 19:49	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 19:49	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 19:49	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 19:49	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 19:49	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 19:49	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 19:49	1

Client Sample ID: MW-8
Date Collected: 12/02/25 15:30
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 19:49	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 19:49	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 19:49	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 19:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 19:49	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 19:49	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 19:49	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 19:49	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 19:49	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 19:49	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 19:49	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 19:49	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 19:49	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 19:49	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 19:49	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 19:49	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 19:49	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 19:49	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 19:49	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 19:49	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 19:49	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/09/25 19:49*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*12/09/25 19:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/09/25 19:49*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/09/25 19:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		12/08/25 11:09	12/09/25 01:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/08/25 11:09*	*12/09/25 01:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.3	0.432	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		12/08/25 11:04	12/10/25 00:09	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		12/08/25 11:04	12/10/25 00:09	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		12/08/25 11:04	12/10/25 00:09	1
2-Chlorophenol	ND		10.3	0.863	ug/L		12/08/25 11:04	12/10/25 00:09	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		12/08/25 11:04	12/10/25 00:09	1

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

Job ID: 752-39788-1

Client Sample ID: MW-8
Date Collected: 12/02/25 15:30
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.3	0.781	ug/L		12/08/25 11:04	12/10/25 00:09	1
2-Nitroaniline	ND		10.3	1.41	ug/L		12/08/25 11:04	12/10/25 00:09	1
2-Nitrophenol	ND		10.3	1.20	ug/L		12/08/25 11:04	12/10/25 00:09	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		12/08/25 11:04	12/10/25 00:09	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		12/08/25 11:04	12/10/25 00:09	1
3-Nitroaniline	ND		10.3	0.976	ug/L		12/08/25 11:04	12/10/25 00:09	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		12/08/25 11:04	12/10/25 00:09	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		12/08/25 11:04	12/10/25 00:09	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		12/08/25 11:04	12/10/25 00:09	1
4-Chloroaniline	ND		10.3	0.596	ug/L		12/08/25 11:04	12/10/25 00:09	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		12/08/25 11:04	12/10/25 00:09	1
4-Nitroaniline	ND		10.3	3.60	ug/L		12/08/25 11:04	12/10/25 00:09	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/08/25 11:04	12/10/25 00:09	1
Acenaphthene	ND		10.3	0.647	ug/L		12/08/25 11:04	12/10/25 00:09	1
Acenaphthylene	ND		10.3	0.781	ug/L		12/08/25 11:04	12/10/25 00:09	1
Acetophenone	ND		10.3	3.29	ug/L		12/08/25 11:04	12/10/25 00:09	1
Anthracene	ND		10.3	0.935	ug/L		12/08/25 11:04	12/10/25 00:09	1
Atrazine	ND		10.3	1.16	ug/L		12/08/25 11:04	12/10/25 00:09	1
Benzaldehyde	ND		10.3	0.688	ug/L		12/08/25 11:04	12/10/25 00:09	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/08/25 11:04	12/10/25 00:09	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/08/25 11:04	12/10/25 00:09	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		12/08/25 11:04	12/10/25 00:09	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		12/08/25 11:04	12/10/25 00:09	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		12/08/25 11:04	12/10/25 00:09	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		12/08/25 11:04	12/10/25 00:09	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		12/08/25 11:04	12/10/25 00:09	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		12/08/25 11:04	12/10/25 00:09	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/10/25 00:09	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/10/25 00:09	1
Caprolactam	ND		10.3	2.47	ug/L		12/08/25 11:04	12/10/25 00:09	1
Carbazole	ND		10.3	0.329	ug/L		12/08/25 11:04	12/10/25 00:09	1
Chrysene	ND		10.3	1.23	ug/L		12/08/25 11:04	12/10/25 00:09	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/08/25 11:04	12/10/25 00:09	1
Dibenzofuran	ND		10.3	0.658	ug/L		12/08/25 11:04	12/10/25 00:09	1
Diethyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/10/25 00:09	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/10/25 00:09	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		12/08/25 11:04	12/10/25 00:09	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		12/08/25 11:04	12/10/25 00:09	1
Fluoranthene	ND		10.3	0.647	ug/L		12/08/25 11:04	12/10/25 00:09	1
Fluorene	ND		10.3	0.688	ug/L		12/08/25 11:04	12/10/25 00:09	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		12/08/25 11:04	12/10/25 00:09	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		12/08/25 11:04	12/10/25 00:09	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		12/08/25 11:04	12/10/25 00:09	1
Hexachloroethane	ND		10.3	0.545	ug/L		12/08/25 11:04	12/10/25 00:09	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/08/25 11:04	12/10/25 00:09	1
Isophorone	ND		10.3	0.822	ug/L		12/08/25 11:04	12/10/25 00:09	1
Naphthalene	ND		10.3	0.771	ug/L		12/08/25 11:04	12/10/25 00:09	1
Nitrobenzene	ND		10.3	0.616	ug/L		12/08/25 11:04	12/10/25 00:09	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		12/08/25 11:04	12/10/25 00:09	1

Client Sample ID: MW-8

Date Collected: 12/02/25 15:30
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.3	0.195	ug/L		12/08/25 11:04	12/10/25 00:09	1
Pentachlorophenol	ND		10.3	2.88	ug/L		12/08/25 11:04	12/10/25 00:09	1
Phenanthrene	ND		10.3	0.760	ug/L		12/08/25 11:04	12/10/25 00:09	1
Phenol	ND		10.3	0.699	ug/L		12/08/25 11:04	12/10/25 00:09	1
Pyrene	ND		10.3	0.647	ug/L		12/08/25 11:04	12/10/25 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 150*	*12/08/25 11:04*	*12/10/25 00:09*	*1*
2-Fluorobiphenyl (Surr)	*90*		*25 - 139*	*12/08/25 11:04*	*12/10/25 00:09*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 150*	*12/08/25 11:04*	*12/10/25 00:09*	*1*
Nitrobenzene-d5 (Surr)	*92*		*22 - 150*	*12/08/25 11:04*	*12/10/25 00:09*	*1*
Phenol-d5 (Surr)	*88*		*10 - 150*	*12/08/25 11:04*	*12/10/25 00:09*	*1*
Terphenyl-d14 (Surr)	*67*		*28 - 150*	*12/08/25 11:04*	*12/10/25 00:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:44	1
Arsenic	ND		5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:44	1
Barium	**262**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:44	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:44	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:44	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:44	1
Cobalt	ND		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:44	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:44	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:44	1
Manganese	**430**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:44	1
Nickel	ND		5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:44	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:44	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:44	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:44	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:44	1
Zinc	ND		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/08/25 17:47	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/10/25 12:34	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**9.12**		5.00	1.40	mg/L			12/06/25 12:55	1

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

Job ID: 752-39788-1

Client Sample ID: MW-9
Date Collected: 12/02/25 16:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/10/25 20:34	1
Benzene	ND		1.00	0.500	ug/L			12/10/25 20:34	1
Bromobenzene	ND		1.00	0.540	ug/L			12/10/25 20:34	1
Bromoform	ND		5.00	0.250	ug/L			12/10/25 20:34	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/10/25 20:34	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/10/25 20:34	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/10/25 20:34	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/10/25 20:34	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/10/25 20:34	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/10/25 20:34	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/10/25 20:34	1
Chloroethane	ND		1.00	0.760	ug/L			12/10/25 20:34	1
Chloroform	ND		1.00	0.900	ug/L			12/10/25 20:34	1
Chloromethane	ND		1.00	0.840	ug/L			12/10/25 20:34	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/10/25 20:34	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/10/25 20:34	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/10/25 20:34	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/10/25 20:34	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/10/25 20:34	1
Dibromomethane	ND		5.00	0.220	ug/L			12/10/25 20:34	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/10/25 20:34	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/10/25 20:34	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/10/25 20:34	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/10/25 20:34	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/10/25 20:34	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/10/25 20:34	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/10/25 20:34	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/10/25 20:34	1
Hexane	ND		1.00	0.960	ug/L			12/10/25 20:34	1
2-Hexanone	ND		25.0	9.10	ug/L			12/10/25 20:34	1
Iodomethane	ND		1.00	0.900	ug/L			12/10/25 20:34	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/10/25 20:34	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/10/25 20:34	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/10/25 20:34	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/10/25 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/10/25 20:34	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/10/25 20:34	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/10/25 20:34	1
Naphthalene	ND		5.00	3.00	ug/L			12/10/25 20:34	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			12/10/25 20:34	1
n-Heptane	ND		1.00	0.690	ug/L			12/10/25 20:34	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/10/25 20:34	1

Client Sample ID: MW-9
Date Collected: 12/02/25 16:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/10/25 20:34	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/10/25 20:34	1
Styrene	ND		1.00	1.00	ug/L			12/10/25 20:34	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/10/25 20:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/10/25 20:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/10/25 20:34	1
Toluene	ND		1.00	0.900	ug/L			12/10/25 20:34	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/10/25 20:34	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 20:34	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/10/25 20:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/10/25 20:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/10/25 20:34	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/10/25 20:34	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/10/25 20:34	1
Trichloroethene	ND		1.00	0.480	ug/L			12/10/25 20:34	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/10/25 20:34	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/10/25 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/10/25 20:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/10/25 20:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/10/25 20:34	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/10/25 20:34	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/10/25 20:34	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/10/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*56 - 136*		*12/10/25 20:34*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*12/10/25 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*59 - 146*		*12/10/25 20:34*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/10/25 20:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		12/08/25 11:09	12/09/25 01:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/08/25 11:09*	*12/09/25 01:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.5	0.441	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,4,5-Trichlorophenol	ND		10.5	0.566	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,4,6-Trichlorophenol	ND		10.5	1.14	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,4-Dichlorophenol	ND		10.5	0.598	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,4-Dimethylphenol	ND		10.5	0.252	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,4-Dinitrophenol	ND		31.5	4.91	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,4-Dinitrotoluene	ND		10.5	0.682	ug/L		12/08/25 11:04	12/10/25 00:42	1
2,6-Dinitrotoluene	ND		10.5	0.304	ug/L		12/08/25 11:04	12/10/25 00:42	1
2-Chloronaphthalene	ND		10.5	0.399	ug/L		12/08/25 11:04	12/10/25 00:42	1
2-Chlorophenol	ND		10.5	0.881	ug/L		12/08/25 11:04	12/10/25 00:42	1
2-Methylnaphthalene	ND		10.5	0.850	ug/L		12/08/25 11:04	12/10/25 00:42	1

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

Job ID: 752-39788-1

Client Sample ID: MW-9
Date Collected: 12/02/25 16:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.5	0.797	ug/L		12/08/25 11:04	12/10/25 00:42	1
2-Nitroaniline	ND		10.5	1.44	ug/L		12/08/25 11:04	12/10/25 00:42	1
2-Nitrophenol	ND		10.5	1.23	ug/L		12/08/25 11:04	12/10/25 00:42	1
3 & 4 Methylphenol	ND		21.0	4.83	ug/L		12/08/25 11:04	12/10/25 00:42	1
3,3'-Dichlorobenzidine	ND		11.5	0.430	ug/L		12/08/25 11:04	12/10/25 00:42	1
3-Nitroaniline	ND		10.5	0.997	ug/L		12/08/25 11:04	12/10/25 00:42	1
4,6-Dinitro-2-methylphenol	ND		10.5	2.07	ug/L		12/08/25 11:04	12/10/25 00:42	1
4-Bromophenyl phenyl ether	ND		10.5	0.136	ug/L		12/08/25 11:04	12/10/25 00:42	1
4-Chloro-3-methylphenol	ND		10.5	0.766	ug/L		12/08/25 11:04	12/10/25 00:42	1
4-Chloroaniline	ND		10.5	0.608	ug/L		12/08/25 11:04	12/10/25 00:42	1
4-Chlorophenyl phenyl ether	ND		10.5	0.252	ug/L		12/08/25 11:04	12/10/25 00:42	1
4-Nitroaniline	ND		10.5	3.67	ug/L		12/08/25 11:04	12/10/25 00:42	1
4-Nitrophenol	ND		10.5	2.87	ug/L		12/08/25 11:04	12/10/25 00:42	1
Acenaphthene	ND		10.5	0.661	ug/L		12/08/25 11:04	12/10/25 00:42	1
Acenaphthylene	ND		10.5	0.797	ug/L		12/08/25 11:04	12/10/25 00:42	1
Acetophenone	ND		10.5	3.36	ug/L		12/08/25 11:04	12/10/25 00:42	1
Anthracene	ND		10.5	0.955	ug/L		12/08/25 11:04	12/10/25 00:42	1
Atrazine	ND		10.5	1.19	ug/L		12/08/25 11:04	12/10/25 00:42	1
Benzaldehyde	ND		10.5	0.703	ug/L		12/08/25 11:04	12/10/25 00:42	1
Benzo[a]anthracene	ND		10.5	1.05	ug/L		12/08/25 11:04	12/10/25 00:42	1
Benzo[a]pyrene	ND		10.5	1.15	ug/L		12/08/25 11:04	12/10/25 00:42	1
Benzo[b]fluoranthene	ND		10.5	1.26	ug/L		12/08/25 11:04	12/10/25 00:42	1
Benzo[g,h,i]perylene	ND		10.5	1.57	ug/L		12/08/25 11:04	12/10/25 00:42	1
Benzo[k]fluoranthene	ND		10.5	1.57	ug/L		12/08/25 11:04	12/10/25 00:42	1
bis (2-chloroisopropyl) ether	ND		10.5	0.976	ug/L		12/08/25 11:04	12/10/25 00:42	1
Bis(2-chloroethoxy)methane	ND		10.5	0.357	ug/L		12/08/25 11:04	12/10/25 00:42	1
Bis(2-chloroethyl)ether	ND		10.5	0.766	ug/L		12/08/25 11:04	12/10/25 00:42	1
Bis(2-ethylhexyl) phthalate	ND		10.5	4.20	ug/L		12/08/25 11:04	12/10/25 00:42	1
Butyl benzyl phthalate	ND		10.5	4.20	ug/L		12/08/25 11:04	12/10/25 00:42	1
Caprolactam	ND		10.5	2.52	ug/L		12/08/25 11:04	12/10/25 00:42	1
Carbazole	ND		10.5	0.336	ug/L		12/08/25 11:04	12/10/25 00:42	1
Chrysene	ND		10.5	1.26	ug/L		12/08/25 11:04	12/10/25 00:42	1
Dibenz(a,h)anthracene	ND		10.5	1.36	ug/L		12/08/25 11:04	12/10/25 00:42	1
Dibenzofuran	ND		10.5	0.671	ug/L		12/08/25 11:04	12/10/25 00:42	1
Diethyl phthalate	ND		10.5	4.20	ug/L		12/08/25 11:04	12/10/25 00:42	1
Dimethyl phthalate	ND		10.5	4.20	ug/L		12/08/25 11:04	12/10/25 00:42	1
Di-n-butyl phthalate	ND		10.5	8.59	ug/L		12/08/25 11:04	12/10/25 00:42	1
Di-n-octyl phthalate	ND		10.5	4.20	ug/L		12/08/25 11:04	12/10/25 00:42	1
Fluoranthene	ND		10.5	0.661	ug/L		12/08/25 11:04	12/10/25 00:42	1
Fluorene	ND		10.5	0.703	ug/L		12/08/25 11:04	12/10/25 00:42	1
Hexachlorobenzene	ND		10.5	0.262	ug/L		12/08/25 11:04	12/10/25 00:42	1
Hexachlorobutadiene	ND		10.5	0.577	ug/L		12/08/25 11:04	12/10/25 00:42	1
Hexachlorocyclopentadiene	ND		21.0	0.336	ug/L		12/08/25 11:04	12/10/25 00:42	1
Hexachloroethane	ND		10.5	0.556	ug/L		12/08/25 11:04	12/10/25 00:42	1
Indeno[1,2,3-cd]pyrene	ND		10.5	1.15	ug/L		12/08/25 11:04	12/10/25 00:42	1
Isophorone	ND		10.5	0.839	ug/L		12/08/25 11:04	12/10/25 00:42	1
Naphthalene	ND		10.5	0.787	ug/L		12/08/25 11:04	12/10/25 00:42	1
Nitrobenzene	ND		10.5	0.629	ug/L		12/08/25 11:04	12/10/25 00:42	1
N-Nitrosodi-n-propylamine	ND		10.5	0.346	ug/L		12/08/25 11:04	12/10/25 00:42	1

Client Sample ID: MW-9

Date Collected: 12/02/25 16:45
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.5	0.199	ug/L		12/08/25 11:04	12/10/25 00:42	1
Pentachlorophenol	ND		10.5	2.94	ug/L		12/08/25 11:04	12/10/25 00:42	1
Phenanthrene	ND		10.5	0.776	ug/L		12/08/25 11:04	12/10/25 00:42	1
Phenol	ND		10.5	0.713	ug/L		12/08/25 11:04	12/10/25 00:42	1
Pyrene	ND		10.5	0.661	ug/L		12/08/25 11:04	12/10/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*	*12/08/25 11:04*	*12/10/25 00:42*	*1*
2-Fluorobiphenyl (Surr)	*91*		*25 - 139*	*12/08/25 11:04*	*12/10/25 00:42*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 150*	*12/08/25 11:04*	*12/10/25 00:42*	*1*
Nitrobenzene-d5 (Surr)	*97*		*22 - 150*	*12/08/25 11:04*	*12/10/25 00:42*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/08/25 11:04*	*12/10/25 00:42*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*12/08/25 11:04*	*12/10/25 00:42*	*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		12/05/25 08:18	12/05/25 20:50	1
Arsenic	ND		5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:50	1
Barium	**102**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:50	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:50	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:50	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:50	1
Cobalt	**1.96**	**J**	5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:50	1
Copper	**1.94**	**J**	2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:50	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:50	1
Manganese	**458**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:50	1
Nickel	**1.21**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:50	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:50	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:50	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:50	1
Vanadium	**2.28**	**J**	5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:50	1
Zinc	**111**		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/08/25 17:49	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/10/25 12:35	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**39.7**		5.00	1.40	mg/L			12/06/25 12:55	1

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

Job ID: 752-39788-1

Client Sample ID: 120225-Dup-1
Date Collected: 12/02/25 00:00
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/10/25 21:00	1
Benzene	ND		1.00	0.500	ug/L			12/10/25 21:00	1
Bromobenzene	ND		1.00	0.540	ug/L			12/10/25 21:00	1
Bromoform	ND		5.00	0.250	ug/L			12/10/25 21:00	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/10/25 21:00	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/10/25 21:00	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/10/25 21:00	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/10/25 21:00	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/10/25 21:00	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/10/25 21:00	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/10/25 21:00	1
Chloroethane	ND		1.00	0.760	ug/L			12/10/25 21:00	1
Chloroform	ND		1.00	0.900	ug/L			12/10/25 21:00	1
Chloromethane	ND		1.00	0.840	ug/L			12/10/25 21:00	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/10/25 21:00	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/10/25 21:00	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/10/25 21:00	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/10/25 21:00	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/10/25 21:00	1
Dibromomethane	ND		5.00	0.220	ug/L			12/10/25 21:00	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/10/25 21:00	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/10/25 21:00	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/10/25 21:00	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/10/25 21:00	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/10/25 21:00	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/10/25 21:00	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/10/25 21:00	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/10/25 21:00	1
Hexane	ND		1.00	0.960	ug/L			12/10/25 21:00	1
2-Hexanone	ND		25.0	9.10	ug/L			12/10/25 21:00	1
Iodomethane	ND		1.00	0.900	ug/L			12/10/25 21:00	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/10/25 21:00	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/10/25 21:00	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/10/25 21:00	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/10/25 21:00	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/10/25 21:00	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/10/25 21:00	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/10/25 21:00	1
Naphthalene	ND		5.00	3.00	ug/L			12/10/25 21:00	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			12/10/25 21:00	1
n-Heptane	ND		1.00	0.690	ug/L			12/10/25 21:00	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/10/25 21:00	1

Client Sample ID: 120225-Dup-1
Date Collected: 12/02/25 00:00
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/10/25 21:00	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/10/25 21:00	1
Styrene	ND		1.00	1.00	ug/L			12/10/25 21:00	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/10/25 21:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/10/25 21:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/10/25 21:00	1
Toluene	ND		1.00	0.900	ug/L			12/10/25 21:00	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/10/25 21:00	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 21:00	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/10/25 21:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/10/25 21:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/10/25 21:00	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/10/25 21:00	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/10/25 21:00	1
Trichloroethene	ND		1.00	0.480	ug/L			12/10/25 21:00	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/10/25 21:00	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/10/25 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/10/25 21:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/10/25 21:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/10/25 21:00	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/10/25 21:00	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/10/25 21:00	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/10/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*56 - 136*		*12/10/25 21:00*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*12/10/25 21:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/10/25 21:00*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*12/10/25 21:00*	*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		0.280	0.280	ug/L		12/08/25 11:09	12/09/25 02:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/08/25 11:09*	*12/09/25 02:19*	*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		10.1	0.426	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		12/08/25 11:04	12/10/25 01:15	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		12/08/25 11:04	12/10/25 01:15	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/08/25 11:04	12/10/25 01:15	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/08/25 11:04	12/10/25 01:15	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/08/25 11:04	12/10/25 01:15	1

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

Job ID: 752-39788-1

Client Sample ID: 120225-Dup-1
Date Collected: 12/02/25 00:00
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		12/08/25 11:04	12/10/25 01:15	1
2-Nitroaniline	ND		10.1	1.39	ug/L		12/08/25 11:04	12/10/25 01:15	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/08/25 11:04	12/10/25 01:15	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/08/25 11:04	12/10/25 01:15	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/08/25 11:04	12/10/25 01:15	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/08/25 11:04	12/10/25 01:15	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/08/25 11:04	12/10/25 01:15	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		12/08/25 11:04	12/10/25 01:15	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/08/25 11:04	12/10/25 01:15	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/08/25 11:04	12/10/25 01:15	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		12/08/25 11:04	12/10/25 01:15	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/08/25 11:04	12/10/25 01:15	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/08/25 11:04	12/10/25 01:15	1
Acenaphthene	ND		10.1	0.639	ug/L		12/08/25 11:04	12/10/25 01:15	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/08/25 11:04	12/10/25 01:15	1
Acetophenone	ND		10.1	3.24	ug/L		12/08/25 11:04	12/10/25 01:15	1
Anthracene	ND		10.1	0.922	ug/L		12/08/25 11:04	12/10/25 01:15	1
Atrazine	ND		10.1	1.15	ug/L		12/08/25 11:04	12/10/25 01:15	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/08/25 11:04	12/10/25 01:15	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/08/25 11:04	12/10/25 01:15	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/08/25 11:04	12/10/25 01:15	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/08/25 11:04	12/10/25 01:15	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/08/25 11:04	12/10/25 01:15	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/08/25 11:04	12/10/25 01:15	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		12/08/25 11:04	12/10/25 01:15	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		12/08/25 11:04	12/10/25 01:15	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		12/08/25 11:04	12/10/25 01:15	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/08/25 11:04	12/10/25 01:15	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/08/25 11:04	12/10/25 01:15	1
Caprolactam	ND		10.1	2.43	ug/L		12/08/25 11:04	12/10/25 01:15	1
Carbazole	ND		10.1	0.324	ug/L		12/08/25 11:04	12/10/25 01:15	1
Chrysene	ND		10.1	1.22	ug/L		12/08/25 11:04	12/10/25 01:15	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/08/25 11:04	12/10/25 01:15	1
Dibenzofuran	ND		10.1	0.649	ug/L		12/08/25 11:04	12/10/25 01:15	1
Diethyl phthalate	ND		10.1	4.05	ug/L		12/08/25 11:04	12/10/25 01:15	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		12/08/25 11:04	12/10/25 01:15	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		12/08/25 11:04	12/10/25 01:15	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/08/25 11:04	12/10/25 01:15	1
Fluoranthene	ND		10.1	0.639	ug/L		12/08/25 11:04	12/10/25 01:15	1
Fluorene	ND		10.1	0.679	ug/L		12/08/25 11:04	12/10/25 01:15	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/08/25 11:04	12/10/25 01:15	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/08/25 11:04	12/10/25 01:15	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/08/25 11:04	12/10/25 01:15	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/08/25 11:04	12/10/25 01:15	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/08/25 11:04	12/10/25 01:15	1
Isophorone	ND		10.1	0.811	ug/L		12/08/25 11:04	12/10/25 01:15	1
Naphthalene	ND		10.1	0.760	ug/L		12/08/25 11:04	12/10/25 01:15	1
Nitrobenzene	ND		10.1	0.608	ug/L		12/08/25 11:04	12/10/25 01:15	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		12/08/25 11:04	12/10/25 01:15	1

Client Sample ID: 120225-Dup-1
Date Collected: 12/02/25 00:00
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		12/08/25 11:04	12/10/25 01:15	1
Pentachlorophenol	ND		10.1	2.84	ug/L		12/08/25 11:04	12/10/25 01:15	1
Phenanthrene	ND		10.1	0.750	ug/L		12/08/25 11:04	12/10/25 01:15	1
Phenol	ND		10.1	0.689	ug/L		12/08/25 11:04	12/10/25 01:15	1
Pyrene	ND		10.1	0.639	ug/L		12/08/25 11:04	12/10/25 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 150*	*12/08/25 11:04*	*12/10/25 01:15*	*1*
2-Fluorobiphenyl (Surr)	*88*		*25 - 139*	*12/08/25 11:04*	*12/10/25 01:15*	*1*
2-Fluorophenol (Surr)	*96*		*10 - 150*	*12/08/25 11:04*	*12/10/25 01:15*	*1*
Nitrobenzene-d5 (Surr)	*91*		*22 - 150*	*12/08/25 11:04*	*12/10/25 01:15*	*1*
Phenol-d5 (Surr)	*92*		*10 - 150*	*12/08/25 11:04*	*12/10/25 01:15*	*1*
Terphenyl-d14 (Surr)	*62*		*28 - 150*	*12/08/25 11:04*	*12/10/25 01:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 20:56	1
Arsenic	**1.81**	**J**	5.00	1.32	ug/L		12/05/25 08:18	12/05/25 20:56	1
Barium	**144**		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 20:56	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 20:56	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 20:56	1
Chromium	**4.90**	**J**	5.00	3.69	ug/L		12/05/25 08:18	12/05/25 20:56	1
Cobalt	**22.0**		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 20:56	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 20:56	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 20:56	1
Manganese	**2040**		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 20:56	1
Nickel	**2.89**	**J**	5.00	0.422	ug/L		12/05/25 08:18	12/05/25 20:56	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 20:56	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 20:56	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 20:56	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 20:56	1
Zinc	**9.20**	**J**	10.0	8.91	ug/L		12/05/25 08:18	12/05/25 20:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 16:28	12/08/25 21:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.152**	**J**	0.250	0.100	mg/L			12/08/25 17:52	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/10/25 12:41	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/10/25 16:13	1
Sulfate (SM 4500 SO4 E)	**101**		25.0	7.00	mg/L			12/06/25 13:54	5

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-39788-10
Date Collected: 12/02/25 00:00
Matrix: Water
Date Received: 12/03/25 07:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/10/25 21:27	1
Benzene	ND		1.00	0.500	ug/L			12/10/25 21:27	1
Bromobenzene	ND		1.00	0.540	ug/L			12/10/25 21:27	1
Bromoform	ND		5.00	0.250	ug/L			12/10/25 21:27	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/10/25 21:27	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/10/25 21:27	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/10/25 21:27	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/10/25 21:27	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/10/25 21:27	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/10/25 21:27	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/10/25 21:27	1
Chloroethane	ND		1.00	0.760	ug/L			12/10/25 21:27	1
Chloroform	ND		1.00	0.900	ug/L			12/10/25 21:27	1
Chloromethane	ND		1.00	0.840	ug/L			12/10/25 21:27	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/10/25 21:27	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/10/25 21:27	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/10/25 21:27	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/10/25 21:27	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/10/25 21:27	1
Dibromomethane	ND		5.00	0.220	ug/L			12/10/25 21:27	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/10/25 21:27	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/10/25 21:27	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/10/25 21:27	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/10/25 21:27	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/10/25 21:27	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/10/25 21:27	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/10/25 21:27	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/10/25 21:27	1
Hexane	ND		1.00	0.960	ug/L			12/10/25 21:27	1
2-Hexanone	ND		25.0	9.10	ug/L			12/10/25 21:27	1
Iodomethane	ND		1.00	0.900	ug/L			12/10/25 21:27	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/10/25 21:27	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/10/25 21:27	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/10/25 21:27	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/10/25 21:27	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/10/25 21:27	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/10/25 21:27	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/10/25 21:27	1
Naphthalene	ND		5.00	3.00	ug/L			12/10/25 21:27	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			12/10/25 21:27	1
n-Heptane	ND		1.00	0.690	ug/L			12/10/25 21:27	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/10/25 21:27	1

Client Sample ID: Trip Blank
Date Collected: 12/02/25 00:00
Date Received: 12/03/25 07:30

Lab Sample ID: 752-39788-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/10/25 21:27	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/10/25 21:27	1
Styrene	ND		1.00	1.00	ug/L			12/10/25 21:27	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/10/25 21:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/10/25 21:27	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/10/25 21:27	1
Toluene	ND		1.00	0.900	ug/L			12/10/25 21:27	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/10/25 21:27	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 21:27	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/10/25 21:27	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/10/25 21:27	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/10/25 21:27	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/10/25 21:27	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/10/25 21:27	1
Trichloroethene	ND		1.00	0.480	ug/L			12/10/25 21:27	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/10/25 21:27	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/10/25 21:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/10/25 21:27	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/10/25 21:27	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/10/25 21:27	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/10/25 21:27	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/10/25 21:27	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/10/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*12/10/25 21:27*	*1*
Dibromofluoromethane	*113*		*79 - 130*		*12/10/25 21:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/10/25 21:27*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/10/25 21:27*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-39788-1	MW-2	99	108	116	98
752-39788-2	MW-3	99	108	118	97
752-39788-3	MW-4	97	109	120	98
752-39788-4	MW-5	96	115	129	96
752-39788-5	MW-6	100	108	119	99
752-39788-6	MW-7	97	111	116	99
752-39788-7	MW-8	97	110	120	96
752-39788-8	MW-9	103	110	123	98
752-39788-9	120225-Dup-1	88	110	120	104
752-39788-10	Trip Blank	107	113	120	98
LCS 400-733097/1002	Lab Control Sample	100	104	112	100
LCS 400-733266/1002	Lab Control Sample	99	103	113	101
MB 400-733097/5	Method Blank	99	109	120	99
MB 400-733266/5	Method Blank	99	108	120	97

Surrogate Legend

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

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

Matrix: 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)
752-39788-1	MW-2	85	87	101	93	104	60
752-39788-2	MW-3	97	101	106	108	101	70
752-39788-3	MW-4	93	103	52	108	61	64
752-39788-4	MW-5	92	91	80	99	70	64
752-39788-5	MW-6	87	87	89	92	81	60
752-39788-6	MW-7	80	87	88	96	81	61
752-39788-7	MW-8	89	90	93	92	88	67
752-39788-8	MW-9	81	91	85	97	81	51
752-39788-9	120225-Dup-1	89	88	96	91	92	62
LCS 400-732975/2-A	Lab Control Sample	65	72	59	86	60	82
LCSD 400-732975/3-A	Lab Control Sample Dup	30	58	29	69	28	68
MB 400-732975/1-A	Method Blank	90	89	89	100	82	105

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: Northgate Park

Job ID: 752-39788-1

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)						
752-39788-1	MW-2	24						
752-39788-2	MW-3	27						
752-39788-3	MW-4	23						
752-39788-4	MW-5	23						
752-39788-5	MW-6	25						
752-39788-6	MW-7	28						
752-39788-7	MW-8	30						
752-39788-8	MW-9	30						
752-39788-9	120225-Dup-1	28						
LCS 400-732977/2-A	Lab Control Sample	26						
LCSD 400-732977/3-A	Lab Control Sample Dup	35						
MB 400-732977/1-A	Method Blank	27						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-733097/5
Matrix: Water
Analysis Batch: 733097

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 10:05	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 10:05	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 10:05	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 10:05	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 10:05	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 10:05	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 10:05	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 10:05	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 10:05	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 10:05	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 10:05	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 10:05	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 10:05	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 10:05	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 10:05	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 10:05	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 10:05	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 10:05	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 10:05	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 10:05	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 10:05	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 10:05	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 10:05	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 10:05	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 10:05	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 10:05	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 10:05	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 10:05	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 10:05	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 10:05	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 10:05	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 10:05	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 10:05	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 10:05	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 10:05	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 10:05	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 10:05	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 10:05	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 10:05	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 10:05	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 10:05	1

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

Lab Sample ID: MB 400-733097/5
Matrix: Water
Analysis Batch: 733097

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 10:05	1
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 10:05	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 10:05	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 10:05	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 10:05	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 10:05	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 10:05	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 10:05	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 10:05	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 10:05	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 10:05	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 10:05	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 10:05	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 10:05	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 10:05	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 10:05	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 10:05	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 10:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 10:05	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 10:05	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 10:05	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 10:05	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 10:05	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 10:05*	*1*
Dibromofluoromethane	*109*		*79 - 130*		*12/09/25 10:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/09/25 10:05*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 10:05*	*1*

Lab Sample ID: LCS 400-733097/1002
Matrix: Water
Analysis Batch: 733097

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	358.3	*+	ug/L		179	43 - 150
Benzene	50.0	46.39		ug/L		93	70 - 130
Bromobenzene	50.0	44.67		ug/L		89	70 - 132
Bromoform	50.0	46.05		ug/L		92	57 - 140
Bromomethane	50.0	66.43		ug/L		133	10 - 150
2-Butanone (MEK)	200	220.8		ug/L		110	61 - 145
Carbon disulfide	50.0	36.65		ug/L		73	61 - 137
Carbon tetrachloride	50.0	45.52		ug/L		91	61 - 137
Chlorobenzene	50.0	45.36		ug/L		91	70 - 130
Chlorobromomethane	50.0	48.91		ug/L		98	70 - 130
Chlorodibromomethane	50.0	48.54		ug/L		97	67 - 135

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

Lab Sample ID: LCS 400-733097/1002
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733097

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	53.34		ug/L		107	55 - 141
Chloroform	50.0	51.37		ug/L		103	69 - 130
Chloromethane	50.0	41.74		ug/L		83	58 - 137
2-Chlorotoluene	50.0	46.64		ug/L		93	70 - 130
4-Chlorotoluene	50.0	45.60		ug/L		91	70 - 130
cis-1,2-Dichloroethene	50.0	50.27		ug/L		101	68 - 130
cis-1,3-Dichloropropene	50.0	48.54		ug/L		97	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	45.49		ug/L		91	54 - 135
Dibromomethane	50.0	52.36		ug/L		105	70 - 130
1,2-Dichlorobenzene	50.0	45.36		ug/L		91	67 - 130
1,3-Dichlorobenzene	50.0	44.21		ug/L		88	70 - 130
1,4-Dichlorobenzene	50.0	45.08		ug/L		90	70 - 130
Dichlorobromomethane	50.0	52.04		ug/L		104	67 - 133
1,1-Dichloroethane	50.0	47.43		ug/L		95	70 - 130
1,2-Dichloroethane	50.0	54.87		ug/L		110	69 - 130
1,1-Dichloroethene	50.0	42.73		ug/L		85	63 - 134
1,2-Dichloropropane	50.0	50.66		ug/L		101	70 - 130
1,3-Dichloropropane	50.0	49.66		ug/L		99	70 - 130
2,2-Dichloropropane	50.0	46.10		ug/L		92	52 - 135
1,1-Dichloropropene	50.0	45.06		ug/L		90	70 - 130
Ethyl acetate	100	91.34		ug/L		91	34 - 150
Ethylbenzene	50.0	45.18		ug/L		90	70 - 130
Ethylene Dibromide	50.0	48.51		ug/L		97	70 - 130
Hexachlorobutadiene	50.0	31.40		ug/L		63	53 - 140
Hexane	50.0	39.50		ug/L		79	69 - 130
2-Hexanone	200	231.4		ug/L		116	65 - 137
Iodomethane	50.0	39.91		ug/L		80	27 - 150
Isopropylbenzene	50.0	44.10		ug/L		88	70 - 130
Isopropyl ether	50.0	61.35		ug/L		123	64 - 132
4-Isopropyltoluene	50.0	41.55		ug/L		83	65 - 130
Methylene Chloride	50.0	45.65		ug/L		91	66 - 135
4-Methyl-2-pentanone (MIBK)	200	239.7		ug/L		120	69 - 138
Methyl tert-butyl ether	50.0	47.03		ug/L		94	66 - 130
m-Xylene & p-Xylene	50.0	43.59		ug/L		87	70 - 130
Naphthalene	50.0	42.29		ug/L		85	47 - 149
n-Butylbenzene	50.0	44.08		ug/L		88	67 - 130
n-Heptane	50.0	41.30		ug/L		83	70 - 130
N-Propylbenzene	50.0	42.50		ug/L		85	70 - 130
o-Xylene	50.0	45.12		ug/L		90	70 - 130
sec-Butylbenzene	50.0	42.88		ug/L		86	66 - 130
Styrene	50.0	44.88		ug/L		90	70 - 130
tert-Butylbenzene	50.0	44.83		ug/L		90	64 - 139
1,1,1,2-Tetrachloroethane	50.0	45.61		ug/L		91	67 - 131
1,1,2,2-Tetrachloroethane	50.0	51.82		ug/L		104	70 - 131
Tetrachloroethene	50.0	39.83		ug/L		80	65 - 130
Toluene	50.0	44.44		ug/L		89	70 - 130
trans-1,4-Dichloro-2-butene	50.0	57.86		ug/L		116	57 - 140
trans-1,2-Dichloroethene	50.0	41.24		ug/L		82	70 - 130
trans-1,3-Dichloropropene	50.0	49.01		ug/L		98	63 - 130

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

Lab Sample ID: LCS 400-733097/1002
Matrix: Water
Analysis Batch: 733097

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	40.53		ug/L		81	60 - 138
1,2,4-Trichlorobenzene	50.0	41.28		ug/L		83	60 - 140
1,1,1-Trichloroethane	50.0	47.65		ug/L		95	68 - 130
1,1,2-Trichloroethane	50.0	49.95		ug/L		100	70 - 130
Trichloroethene	50.0	42.56		ug/L		85	70 - 130
Trichlorofluoromethane	50.0	63.30		ug/L		127	65 - 138
1,2,3-Trichloropropane	50.0	50.86		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.69		ug/L		87	60 - 139
1,2,4-Trimethylbenzene	50.0	44.64		ug/L		89	70 - 130
1,3,5-Trimethylbenzene	50.0	43.44		ug/L		87	69 - 130
Vinyl acetate	100	123.8		ug/L		124	26 - 150
Vinyl chloride	50.0	41.17		ug/L		82	59 - 136
Xylenes, Total	100	88.71		ug/L		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*112*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

Lab Sample ID: MB 400-733266/5
Matrix: Water
Analysis Batch: 733266

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/10/25 10:53	1
Benzene	ND		1.00	0.500	ug/L			12/10/25 10:53	1
Bromobenzene	ND		1.00	0.540	ug/L			12/10/25 10:53	1
Bromoform	ND		5.00	0.250	ug/L			12/10/25 10:53	1
Bromomethane	ND		1.00	0.980	ug/L			12/10/25 10:53	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/10/25 10:53	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/10/25 10:53	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/10/25 10:53	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/10/25 10:53	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/10/25 10:53	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/10/25 10:53	1
Chloroethane	ND		1.00	0.760	ug/L			12/10/25 10:53	1
Chloroform	ND		1.00	0.900	ug/L			12/10/25 10:53	1
Chloromethane	ND		1.00	0.840	ug/L			12/10/25 10:53	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/10/25 10:53	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/10/25 10:53	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/10/25 10:53	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/10/25 10:53	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/10/25 10:53	1
Dibromomethane	ND		5.00	0.220	ug/L			12/10/25 10:53	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/10/25 10:53	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/10/25 10:53	1

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

Lab Sample ID: MB 400-733266/5
Matrix: Water
Analysis Batch: 733266

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/10/25 10:53	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/10/25 10:53	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/10/25 10:53	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/10/25 10:53	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/10/25 10:53	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/10/25 10:53	1
Hexane	ND		1.00	0.960	ug/L			12/10/25 10:53	1
2-Hexanone	ND		25.0	9.10	ug/L			12/10/25 10:53	1
Iodomethane	ND		1.00	0.900	ug/L			12/10/25 10:53	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/10/25 10:53	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/10/25 10:53	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/10/25 10:53	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/10/25 10:53	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/10/25 10:53	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/10/25 10:53	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/10/25 10:53	1
Naphthalene	ND		5.00	3.00	ug/L			12/10/25 10:53	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/10/25 10:53	1
n-Heptane	ND		1.00	0.690	ug/L			12/10/25 10:53	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/10/25 10:53	1
o-Xylene	ND		5.00	3.00	ug/L			12/10/25 10:53	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/10/25 10:53	1
Styrene	ND		1.00	1.00	ug/L			12/10/25 10:53	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/10/25 10:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/10/25 10:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/10/25 10:53	1
Toluene	ND		1.00	0.900	ug/L			12/10/25 10:53	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/10/25 10:53	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/10/25 10:53	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/10/25 10:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/10/25 10:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/10/25 10:53	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/10/25 10:53	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/10/25 10:53	1
Trichloroethene	ND		1.00	0.480	ug/L			12/10/25 10:53	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/10/25 10:53	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/10/25 10:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/10/25 10:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/10/25 10:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/10/25 10:53	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/10/25 10:53	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/10/25 10:53	1

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

Lab Sample ID: MB 400-733266/5
Matrix: Water
Analysis Batch: 733266

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10.0	6.00	ug/L			12/10/25 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/10/25 10:53*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*12/10/25 10:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*59 - 146*		*12/10/25 10:53*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/10/25 10:53*	*1*

Lab Sample ID: LCS 400-733266/1002
Matrix: Water
Analysis Batch: 733266

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	391.9	*+	ug/L		196	43 - 150
Benzene	50.0	52.13		ug/L		104	70 - 130
Bromobenzene	50.0	52.16		ug/L		104	70 - 132
Bromoform	50.0	48.64		ug/L		97	57 - 140
Bromomethane	50.0	80.12	*+	ug/L		160	10 - 150
2-Butanone (MEK)	200	238.5		ug/L		119	61 - 145
Carbon disulfide	50.0	40.08		ug/L		80	61 - 137
Carbon tetrachloride	50.0	51.17		ug/L		102	61 - 137
Chlorobenzene	50.0	53.66		ug/L		107	70 - 130
Chlorobromomethane	50.0	51.94		ug/L		104	70 - 130
Chlorodibromomethane	50.0	53.23		ug/L		106	67 - 135
Chloroethane	50.0	53.07		ug/L		106	55 - 141
Chloroform	50.0	55.63		ug/L		111	69 - 130
Chloromethane	50.0	45.64		ug/L		91	58 - 137
2-Chlorotoluene	50.0	59.03		ug/L		118	70 - 130
4-Chlorotoluene	50.0	57.83		ug/L		116	70 - 130
cis-1,2-Dichloroethene	50.0	54.54		ug/L		109	68 - 130
cis-1,3-Dichloropropene	50.0	53.02		ug/L		106	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	48.26		ug/L		97	54 - 135
Dibromomethane	50.0	55.32		ug/L		111	70 - 130
1,2-Dichlorobenzene	50.0	57.76		ug/L		116	67 - 130
1,3-Dichlorobenzene	50.0	54.59		ug/L		109	70 - 130
1,4-Dichlorobenzene	50.0	55.84		ug/L		112	70 - 130
Dichlorobromomethane	50.0	56.73		ug/L		113	67 - 133
1,1-Dichloroethane	50.0	53.69		ug/L		107	70 - 130
1,2-Dichloroethane	50.0	58.89		ug/L		118	69 - 130
1,1-Dichloroethene	50.0	50.35		ug/L		101	63 - 134
1,2-Dichloropropane	50.0	56.64		ug/L		113	70 - 130
1,3-Dichloropropane	50.0	54.01		ug/L		108	70 - 130
2,2-Dichloropropane	50.0	51.38		ug/L		103	52 - 135
1,1-Dichloropropene	50.0	51.84		ug/L		104	70 - 130
Ethyl acetate	100	89.84		ug/L		90	34 - 150
Ethylbenzene	50.0	56.07		ug/L		112	70 - 130
Ethylene Dibromide	50.0	51.93		ug/L		104	70 - 130
Hexachlorobutadiene	50.0	50.18		ug/L		100	53 - 140

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

Lab Sample ID: LCS 400-733266/1002
Matrix: Water
Analysis Batch: 733266

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	50.0	42.87		ug/L		86	69 - 130
2-Hexanone	200	258.4		ug/L		129	65 - 137
Iodomethane	50.0	43.18		ug/L		86	27 - 150
Isopropylbenzene	50.0	55.98		ug/L		112	70 - 130
Isopropyl ether	50.0	64.38		ug/L		129	64 - 132
4-Isopropyltoluene	50.0	57.40		ug/L		115	65 - 130
Methylene Chloride	50.0	48.15		ug/L		96	66 - 135
4-Methyl-2-pentanone (MIBK)	200	255.5		ug/L		128	69 - 138
Methyl tert-butyl ether	50.0	51.13		ug/L		102	66 - 130
m-Xylene & p-Xylene	50.0	54.36		ug/L		109	70 - 130
Naphthalene	50.0	48.00		ug/L		96	47 - 149
n-Butylbenzene	50.0	66.65	*+	ug/L		133	67 - 130
n-Heptane	50.0	46.77		ug/L		94	70 - 130
N-Propylbenzene	50.0	56.09		ug/L		112	70 - 130
o-Xylene	50.0	55.00		ug/L		110	70 - 130
sec-Butylbenzene	50.0	58.16		ug/L		116	66 - 130
Styrene	50.0	53.27		ug/L		107	70 - 130
tert-Butylbenzene	50.0	58.52		ug/L		117	64 - 139
1,1,1,2-Tetrachloroethane	50.0	52.85		ug/L		106	67 - 131
1,1,2,2-Tetrachloroethane	50.0	55.86		ug/L		112	70 - 131
Tetrachloroethene	50.0	48.17		ug/L		96	65 - 130
Toluene	50.0	51.57		ug/L		103	70 - 130
trans-1,4-Dichloro-2-butene	50.0	63.03		ug/L		126	57 - 140
trans-1,2-Dichloroethene	50.0	47.46		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	54.29		ug/L		109	63 - 130
1,2,3-Trichlorobenzene	50.0	49.75		ug/L		99	60 - 138
1,2,4-Trichlorobenzene	50.0	52.96		ug/L		106	60 - 140
1,1,1-Trichloroethane	50.0	52.20		ug/L		104	68 - 130
1,1,2-Trichloroethane	50.0	55.17		ug/L		110	70 - 130
Trichloroethene	50.0	48.57		ug/L		97	70 - 130
Trichlorofluoromethane	50.0	56.17		ug/L		112	65 - 138
1,2,3-Trichloropropane	50.0	53.72		ug/L		107	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.92		ug/L		104	60 - 139
1,2,4-Trimethylbenzene	50.0	56.64		ug/L		113	70 - 130
1,3,5-Trimethylbenzene	50.0	55.87		ug/L		112	69 - 130
Vinyl acetate	100	108.2		ug/L		108	26 - 150
Vinyl chloride	50.0	40.60		ug/L		81	59 - 136
Xylenes, Total	100	109.4		ug/L		109	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*103*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*
Toluene-d8 (Surr)	*101*		*64 - 132*

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

Lab Sample ID: MB 400-732975/1-A
Matrix: Water
Analysis Batch: 733112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.00	0.378	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,4,5-Trichlorophenol	ND		9.00	0.486	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,4,6-Trichlorophenol	ND		9.00	0.981	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,4-Dichlorophenol	ND		9.00	0.513	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,4-Dimethylphenol	ND		9.00	0.216	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,4-Dinitrophenol	ND		27.0	4.21	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,4-Dinitrotoluene	ND		9.00	0.585	ug/L		12/08/25 11:04	12/09/25 18:35	1
2,6-Dinitrotoluene	ND		9.00	0.261	ug/L		12/08/25 11:04	12/09/25 18:35	1
2-Chloronaphthalene	ND		9.00	0.342	ug/L		12/08/25 11:04	12/09/25 18:35	1
2-Chlorophenol	ND		9.00	0.756	ug/L		12/08/25 11:04	12/09/25 18:35	1
2-Methylnaphthalene	ND		9.00	0.729	ug/L		12/08/25 11:04	12/09/25 18:35	1
2-Methylphenol	ND		9.00	0.684	ug/L		12/08/25 11:04	12/09/25 18:35	1
2-Nitroaniline	ND		9.00	1.23	ug/L		12/08/25 11:04	12/09/25 18:35	1
2-Nitrophenol	ND		9.00	1.05	ug/L		12/08/25 11:04	12/09/25 18:35	1
3 & 4 Methylphenol	ND		18.0	4.14	ug/L		12/08/25 11:04	12/09/25 18:35	1
3,3'-Dichlorobenzidine	ND		9.90	0.369	ug/L		12/08/25 11:04	12/09/25 18:35	1
3-Nitroaniline	ND		9.00	0.855	ug/L		12/08/25 11:04	12/09/25 18:35	1
4,6-Dinitro-2-methylphenol	ND		9.00	1.77	ug/L		12/08/25 11:04	12/09/25 18:35	1
4-Bromophenyl phenyl ether	ND		9.00	0.117	ug/L		12/08/25 11:04	12/09/25 18:35	1
4-Chloro-3-methylphenol	ND		9.00	0.657	ug/L		12/08/25 11:04	12/09/25 18:35	1
4-Chloroaniline	ND		9.00	0.522	ug/L		12/08/25 11:04	12/09/25 18:35	1
4-Chlorophenyl phenyl ether	ND		9.00	0.216	ug/L		12/08/25 11:04	12/09/25 18:35	1
4-Nitroaniline	ND		9.00	3.15	ug/L		12/08/25 11:04	12/09/25 18:35	1
4-Nitrophenol	ND		9.00	2.47	ug/L		12/08/25 11:04	12/09/25 18:35	1
Acenaphthene	ND		9.00	0.567	ug/L		12/08/25 11:04	12/09/25 18:35	1
Acenaphthylene	ND		9.00	0.684	ug/L		12/08/25 11:04	12/09/25 18:35	1
Acetophenone	ND		9.00	2.88	ug/L		12/08/25 11:04	12/09/25 18:35	1
Anthracene	ND		9.00	0.819	ug/L		12/08/25 11:04	12/09/25 18:35	1
Atrazine	ND		9.00	1.02	ug/L		12/08/25 11:04	12/09/25 18:35	1
Benzaldehyde	ND		9.00	0.603	ug/L		12/08/25 11:04	12/09/25 18:35	1
Benzo[a]anthracene	ND		9.00	0.900	ug/L		12/08/25 11:04	12/09/25 18:35	1
Benzo[a]pyrene	ND		9.00	0.990	ug/L		12/08/25 11:04	12/09/25 18:35	1
Benzo[b]fluoranthene	ND		9.00	1.08	ug/L		12/08/25 11:04	12/09/25 18:35	1
Benzo[g,h,i]perylene	ND		9.00	1.35	ug/L		12/08/25 11:04	12/09/25 18:35	1
Benzo[k]fluoranthene	ND		9.00	1.35	ug/L		12/08/25 11:04	12/09/25 18:35	1
bis (2-chloroisopropyl) ether	ND		9.00	0.837	ug/L		12/08/25 11:04	12/09/25 18:35	1
Bis(2-chloroethoxy)methane	ND		9.00	0.306	ug/L		12/08/25 11:04	12/09/25 18:35	1
Bis(2-chloroethyl)ether	ND		9.00	0.657	ug/L		12/08/25 11:04	12/09/25 18:35	1
Bis(2-ethylhexyl) phthalate	ND		9.00	3.60	ug/L		12/08/25 11:04	12/09/25 18:35	1
Butyl benzyl phthalate	ND		9.00	3.60	ug/L		12/08/25 11:04	12/09/25 18:35	1
Caprolactam	ND		9.00	2.16	ug/L		12/08/25 11:04	12/09/25 18:35	1
Carbazole	ND		9.00	0.288	ug/L		12/08/25 11:04	12/09/25 18:35	1
Chrysene	ND		9.00	1.08	ug/L		12/08/25 11:04	12/09/25 18:35	1
Dibenz(a,h)anthracene	ND		9.00	1.17	ug/L		12/08/25 11:04	12/09/25 18:35	1
Dibenzofuran	ND		9.00	0.576	ug/L		12/08/25 11:04	12/09/25 18:35	1
Diethyl phthalate	ND		9.00	3.60	ug/L		12/08/25 11:04	12/09/25 18:35	1
Dimethyl phthalate	ND		9.00	3.60	ug/L		12/08/25 11:04	12/09/25 18:35	1
Di-n-butyl phthalate	ND		9.00	7.37	ug/L		12/08/25 11:04	12/09/25 18:35	1

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

Lab Sample ID: MB 400-732975/1-A
Matrix: Water
Analysis Batch: 733112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		9.00	3.60	ug/L		12/08/25 11:04	12/09/25 18:35	1
Fluoranthene	ND		9.00	0.567	ug/L		12/08/25 11:04	12/09/25 18:35	1
Fluorene	ND		9.00	0.603	ug/L		12/08/25 11:04	12/09/25 18:35	1
Hexachlorobenzene	ND		9.00	0.225	ug/L		12/08/25 11:04	12/09/25 18:35	1
Hexachlorobutadiene	ND		9.00	0.495	ug/L		12/08/25 11:04	12/09/25 18:35	1
Hexachlorocyclopentadiene	ND		18.0	0.288	ug/L		12/08/25 11:04	12/09/25 18:35	1
Hexachloroethane	ND		9.00	0.477	ug/L		12/08/25 11:04	12/09/25 18:35	1
Indeno[1,2,3-cd]pyrene	ND		9.00	0.990	ug/L		12/08/25 11:04	12/09/25 18:35	1
Isophorone	ND		9.00	0.720	ug/L		12/08/25 11:04	12/09/25 18:35	1
Naphthalene	ND		9.00	0.675	ug/L		12/08/25 11:04	12/09/25 18:35	1
Nitrobenzene	ND		9.00	0.540	ug/L		12/08/25 11:04	12/09/25 18:35	1
N-Nitrosodi-n-propylamine	ND		9.00	0.297	ug/L		12/08/25 11:04	12/09/25 18:35	1
N-Nitrosodiphenylamine	ND		9.00	0.171	ug/L		12/08/25 11:04	12/09/25 18:35	1
Pentachlorophenol	ND		9.00	2.52	ug/L		12/08/25 11:04	12/09/25 18:35	1
Phenanthrene	ND		9.00	0.666	ug/L		12/08/25 11:04	12/09/25 18:35	1
Phenol	ND		9.00	0.612	ug/L		12/08/25 11:04	12/09/25 18:35	1
Pyrene	ND		9.00	0.567	ug/L		12/08/25 11:04	12/09/25 18:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 150*	*12/08/25 11:04*	*12/09/25 18:35*	*1*
2-Fluorobiphenyl (Surr)	*89*		*25 - 139*	*12/08/25 11:04*	*12/09/25 18:35*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*12/08/25 11:04*	*12/09/25 18:35*	*1*
Nitrobenzene-d5 (Surr)	*100*		*22 - 150*	*12/08/25 11:04*	*12/09/25 18:35*	*1*
Phenol-d5 (Surr)	*82*		*10 - 150*	*12/08/25 11:04*	*12/09/25 18:35*	*1*
Terphenyl-d14 (Surr)	*105*		*28 - 150*	*12/08/25 11:04*	*12/09/25 18:35*	*1*

Lab Sample ID: LCS 400-732975/2-A
Matrix: Water
Analysis Batch: 733112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	30.0	23.70		ug/L		79	27 - 120
2,4,5-Trichlorophenol	30.0	30.61		ug/L		102	27 - 136
2,4,6-Trichlorophenol	30.0	30.09		ug/L		100	21 - 132
2,4-Dichlorophenol	30.0	30.38		ug/L		101	30 - 125
2,4-Dimethylphenol	30.0	26.20		ug/L		87	10 - 142
2,4-Dinitrophenol	60.0	73.47		ug/L		122	10 - 150
2,4-Dinitrotoluene	30.0	29.76		ug/L		99	30 - 129
2,6-Dinitrotoluene	30.0	30.66		ug/L		102	34 - 132
2-Chloronaphthalene	30.0	23.59		ug/L		79	10 - 150
2-Chlorophenol	30.0	29.92		ug/L		100	28 - 127
2-Methylnaphthalene	30.0	23.15		ug/L		77	24 - 150
2-Methylphenol	30.0	28.18		ug/L		94	11 - 121
2-Nitroaniline	30.0	30.47		ug/L		102	31 - 141
2-Nitrophenol	30.0	29.99		ug/L		100	31 - 142
3 & 4 Methylphenol	30.0	29.88		ug/L		100	10 - 150
3,3'-Dichlorobenzidine	60.0	54.50		ug/L		91	10 - 150
3-Nitroaniline	30.0	27.55		ug/L		92	33 - 136

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

Lab Sample ID: LCS 400-732975/2-A
Matrix: Water
Analysis Batch: 733112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	60.0	65.59		ug/L		109	10 - 150
4-Bromophenyl phenyl ether	30.0	26.56		ug/L		89	24 - 120
4-Chloro-3-methylphenol	30.0	30.82		ug/L		103	10 - 137
4-Chloroaniline	30.0	30.56		ug/L		102	10 - 150
4-Chlorophenyl phenyl ether	30.0	26.98		ug/L		90	31 - 110
4-Nitroaniline	30.0	29.71		ug/L		99	37 - 139
4-Nitrophenol	60.0	70.70		ug/L		118	10 - 150
Acenaphthene	30.0	24.24		ug/L		81	29 - 150
Acenaphthylene	30.0	26.53		ug/L		88	30 - 150
Acetophenone	30.0	31.16		ug/L		104	27 - 119
Anthracene	30.0	31.10		ug/L		104	31 - 150
Atrazine	30.0	31.70		ug/L		106	10 - 150
Benzaldehyde	30.0	23.55		ug/L		78	10 - 150
Benzo[a]anthracene	30.0	32.45		ug/L		108	36 - 150
Benzo[a]pyrene	30.0	30.98		ug/L		103	29 - 150
Benzo[b]fluoranthene	30.0	31.26		ug/L		104	32 - 150
Benzo[g,h,i]perylene	30.0	31.08		ug/L		104	28 - 150
Benzo[k]fluoranthene	30.0	30.33		ug/L		101	30 - 150
bis (2-chloroisopropyl) ether	30.0	28.51		ug/L		95	32 - 115
Bis(2-chloroethoxy)methane	30.0	28.74		ug/L		96	34 - 120
Bis(2-chloroethyl)ether	30.0	28.28		ug/L		94	32 - 114
Bis(2-ethylhexyl) phthalate	30.0	33.29		ug/L		111	24 - 133
Butyl benzyl phthalate	30.0	32.62		ug/L		109	24 - 140
Caprolactam	30.0	20.43		ug/L		68	10 - 150
Carbazole	30.0	31.95		ug/L		106	28 - 123
Chrysene	30.0	30.89		ug/L		103	34 - 150
Dibenz(a,h)anthracene	30.0	30.09		ug/L		100	29 - 150
Dibenzofuran	30.0	26.95		ug/L		90	35 - 110
Diethyl phthalate	30.0	26.88		ug/L		90	31 - 118
Dimethyl phthalate	30.0	26.88		ug/L		90	24 - 125
Di-n-butyl phthalate	30.0	30.52		ug/L		102	30 - 127
Di-n-octyl phthalate	30.0	34.17		ug/L		114	28 - 142
Fluoranthene	30.0	30.50		ug/L		102	30 - 150
Fluorene	30.0	25.67		ug/L		86	30 - 150
Hexachlorobenzene	30.0	27.48		ug/L		92	29 - 113
Hexachlorobutadiene	30.0	13.17		ug/L		44	10 - 117
Hexachlorocyclopentadiene	30.0	13.51	J	ug/L		45	10 - 150
Hexachloroethane	30.0	16.05		ug/L		54	10 - 112
Indeno[1,2,3-cd]pyrene	30.0	28.89		ug/L		96	28 - 150
Isophorone	30.0	33.59		ug/L		112	29 - 125
Naphthalene	30.0	24.21		ug/L		81	27 - 150
Nitrobenzene	30.0	30.20		ug/L		101	29 - 129
N-Nitrosodi-n-propylamine	30.0	30.85		ug/L		103	50 - 134
N-Nitrosodiphenylamine	29.8	31.18		ug/L		105	50 - 132
Pentachlorophenol	60.0	64.74		ug/L		108	14 - 150
Phenanthrene	30.0	29.84		ug/L		99	32 - 150
Phenol	30.0	27.04		ug/L		90	10 - 150
Pyrene	30.0	30.62		ug/L		102	30 - 150

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

Lab Sample ID: LCS 400-732975/2-A
Matrix: Water
Analysis Batch: 733112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732975

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*65*		*10 - 150*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*
2-Fluorophenol (Surr)	*59*		*10 - 150*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*
Phenol-d5 (Surr)	*60*		*10 - 150*
Terphenyl-d14 (Surr)	*82*		*28 - 150*

Lab Sample ID: LCSD 400-732975/3-A
Matrix: Water
Analysis Batch: 733112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732975

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			30.0	23.74		ug/L		79	27 - 120	0	40
2,4,5-Trichlorophenol			30.0	31.44		ug/L		105	27 - 136	3	40
2,4,6-Trichlorophenol			30.0	30.74		ug/L		102	21 - 132	2	40
2,4-Dichlorophenol			30.0	30.35		ug/L		101	30 - 125	0	40
2,4-Dimethylphenol			30.0	25.50		ug/L		85	10 - 142	3	40
2,4-Dinitrophenol			60.0	75.45		ug/L		126	10 - 150	3	40
2,4-Dinitrotoluene			30.0	30.44		ug/L		101	30 - 129	2	40
2,6-Dinitrotoluene			30.0	31.43		ug/L		105	34 - 132	2	40
2-Chloronaphthalene			30.0	23.68		ug/L		79	10 - 150	0	40
2-Chlorophenol			30.0	29.68		ug/L		99	28 - 127	1	40
2-Methylnaphthalene			30.0	22.93		ug/L		76	24 - 150	1	40
2-Methylphenol			30.0	28.05		ug/L		94	11 - 121	0	40
2-Nitroaniline			30.0	31.49		ug/L		105	31 - 141	3	40
2-Nitrophenol			30.0	31.18		ug/L		104	31 - 142	4	40
3 & 4 Methylphenol			30.0	29.12		ug/L		97	10 - 150	3	40
3,3'-Dichlorobenzidine			60.0	52.43		ug/L		87	10 - 150	4	40
3-Nitroaniline			30.0	28.53		ug/L		95	33 - 136	4	40
4,6-Dinitro-2-methylphenol			60.0	66.57		ug/L		111	10 - 150	1	40
4-Bromophenyl phenyl ether			30.0	24.19		ug/L		81	24 - 120	9	40
4-Chloro-3-methylphenol			30.0	30.71		ug/L		102	10 - 137	0	40
4-Chloroaniline			30.0	30.61		ug/L		102	10 - 150	0	40
4-Chlorophenyl phenyl ether			30.0	25.28		ug/L		84	31 - 110	6	40
4-Nitroaniline			30.0	29.62		ug/L		99	37 - 139	0	40
4-Nitrophenol			60.0	68.97		ug/L		115	10 - 150	2	40
Acenaphthene			30.0	23.89		ug/L		80	29 - 150	1	40
Acenaphthylene			30.0	26.56		ug/L		89	30 - 150	0	40
Acetophenone			30.0	30.83		ug/L		103	27 - 119	1	40
Anthracene			30.0	29.75		ug/L		99	31 - 150	4	40
Atrazine			30.0	30.01		ug/L		100	10 - 150	6	40
Benzaldehyde			30.0	22.97		ug/L		77	10 - 150	2	40
Benzo[a]anthracene			30.0	31.75		ug/L		106	36 - 150	2	40
Benzo[a]pyrene			30.0	30.72		ug/L		102	29 - 150	1	40
Benzo[b]fluoranthene			30.0	29.44		ug/L		98	32 - 150	6	40
Benzo[g,h,i]perylene			30.0	30.98		ug/L		103	28 - 150	0	40
Benzo[k]fluoranthene			30.0	31.94		ug/L		106	30 - 150	5	40
bis (2-chloroisopropyl) ether			30.0	28.50		ug/L		95	32 - 115	0	40

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

Lab Sample ID: LCSD 400-732975/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733112
Prep Batch: 732975

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	30.0	28.83		ug/L		96	34 - 120	0	40
Bis(2-chloroethyl)ether	30.0	28.18		ug/L		94	32 - 114	0	40
Bis(2-ethylhexyl) phthalate	30.0	32.06		ug/L		107	24 - 133	4	40
Butyl benzyl phthalate	30.0	31.22		ug/L		104	24 - 140	4	40
Caprolactam	30.0	19.66		ug/L		66	10 - 150	4	40
Carbazole	30.0	30.32		ug/L		101	28 - 123	5	40
Chrysene	30.0	30.44		ug/L		101	34 - 150	1	40
Dibenz(a,h)anthracene	30.0	29.98		ug/L		100	29 - 150	0	40
Dibenzofuran	30.0	26.64		ug/L		89	35 - 110	1	40
Diethyl phthalate	30.0	27.83		ug/L		93	31 - 118	3	40
Dimethyl phthalate	30.0	27.43		ug/L		91	24 - 125	2	40
Di-n-butyl phthalate	30.0	28.82		ug/L		96	30 - 127	6	40
Di-n-octyl phthalate	30.0	32.81		ug/L		109	28 - 142	4	40
Fluoranthene	30.0	29.06		ug/L		97	30 - 150	5	40
Fluorene	30.0	25.33		ug/L		84	30 - 150	1	40
Hexachlorobenzene	30.0	26.26		ug/L		88	29 - 113	5	40
Hexachlorobutadiene	30.0	13.79		ug/L		46	10 - 117	5	40
Hexachlorocyclopentadiene	30.0	14.29	J	ug/L		48	10 - 150	6	40
Hexachloroethane	30.0	16.28		ug/L		54	10 - 112	1	40
Indeno[1,2,3-cd]pyrene	30.0	28.60		ug/L		95	28 - 150	1	40
Isophorone	30.0	33.07		ug/L		110	29 - 125	2	40
Naphthalene	30.0	24.18		ug/L		81	27 - 150	0	40
Nitrobenzene	30.0	30.64		ug/L		102	29 - 129	1	40
N-Nitrosodi-n-propylamine	30.0	29.71		ug/L		99	50 - 134	4	40
N-Nitrosodiphenylamine	29.8	31.37		ug/L		105	50 - 132	1	40
Pentachlorophenol	60.0	61.59		ug/L		103	14 - 150	5	40
Phenanthrene	30.0	28.09		ug/L		94	32 - 150	6	40
Phenol	30.0	26.17		ug/L		87	10 - 150	3	40
Pyrene	30.0	29.24		ug/L		97	30 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*30*		*10 - 150*
2-Fluorobiphenyl (Surr)	*58*		*25 - 139*
2-Fluorophenol (Surr)	*29*		*10 - 150*
Nitrobenzene-d5 (Surr)	*69*		*22 - 150*
Phenol-d5 (Surr)	*28*		*10 - 150*
Terphenyl-d14 (Surr)	*68*		*28 - 150*

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

Lab Sample ID: MB 400-732977/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 733046
Prep Batch: 732977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/08/25 11:08	12/08/25 22:26	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*12/08/25 11:08*	*12/08/25 22:26*	*1*

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

Lab Sample ID: LCS 400-732977/2-A
Matrix: Water
Analysis Batch: 733046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732977

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	17.73		ug/L		111	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*26*		*10 - 140*

Lab Sample ID: LCSD 400-732977/3-A
Matrix: Water
Analysis Batch: 733046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732977

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.58		ug/L		110	30 - 150	1	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*35*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-99420/1-A
Matrix: Water
Analysis Batch: 99692

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 99420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/05/25 08:18	12/05/25 19:33	1
Arsenic	ND		5.00	1.32	ug/L		12/05/25 08:18	12/05/25 19:33	1
Barium	ND		10.0	0.410	ug/L		12/05/25 08:18	12/05/25 19:33	1
Beryllium	ND		1.00	0.147	ug/L		12/05/25 08:18	12/05/25 19:33	1
Cadmium	ND		0.700	0.237	ug/L		12/05/25 08:18	12/05/25 19:33	1
Chromium	ND		5.00	3.69	ug/L		12/05/25 08:18	12/05/25 19:33	1
Cobalt	ND		5.00	0.411	ug/L		12/05/25 08:18	12/05/25 19:33	1
Copper	ND		2.00	0.642	ug/L		12/05/25 08:18	12/05/25 19:33	1
Lead	ND		1.00	0.864	ug/L		12/05/25 08:18	12/05/25 19:33	1
Manganese	ND		5.00	1.29	ug/L		12/05/25 08:18	12/05/25 19:33	1
Nickel	ND		5.00	0.422	ug/L		12/05/25 08:18	12/05/25 19:33	1
Selenium	ND		5.00	2.29	ug/L		12/05/25 08:18	12/05/25 19:33	1
Silver	ND		1.00	0.167	ug/L		12/05/25 08:18	12/05/25 19:33	1
Thallium	ND		1.00	0.190	ug/L		12/05/25 08:18	12/05/25 19:33	1
Vanadium	ND		5.00	1.22	ug/L		12/05/25 08:18	12/05/25 19:33	1
Zinc	ND		10.0	8.91	ug/L		12/05/25 08:18	12/05/25 19:33	1

Lab Sample ID: LCS 705-99420/2-A
Matrix: Water
Analysis Batch: 99692

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99420

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	96.29		ug/L		96	80 - 120		
Arsenic			100	105.0		ug/L		105	80 - 120		
Barium			100	97.75		ug/L		98	80 - 120		
Beryllium			100	94.00		ug/L		94	80 - 120		
Cadmium			100	91.76		ug/L		92	80 - 120		

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

Lab Sample ID: LCS 705-99420/2-A
Matrix: Water
Analysis Batch: 99692

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	103.1		ug/L		103	80 - 120
Cobalt	100	102.7		ug/L		103	80 - 120
Copper	100	94.22		ug/L		94	80 - 120
Lead	100	96.24		ug/L		96	80 - 120
Manganese	100	102.8		ug/L		103	80 - 120
Nickel	100	93.10		ug/L		93	80 - 120
Selenium	100	97.45		ug/L		97	80 - 120
Silver	10.0	10.06		ug/L		101	80 - 120
Thallium	100	92.55		ug/L		93	80 - 120
Vanadium	100	101.8		ug/L		102	80 - 120
Zinc	100	94.43		ug/L		94	80 - 120

Method: 7470A - Mercury (CVAA)

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

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

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

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

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

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

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

Lab Sample ID: MB 680-887557/13
Matrix: Water
Analysis Batch: 887557

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/08/25 16:29	1

Lab Sample ID: MB 680-887557/38
Matrix: Water
Analysis Batch: 887557

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/08/25 17:39	1

Lab Sample ID: LCS 680-887557/14
Matrix: Water
Analysis Batch: 887557

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.031		mg/L		103	90 - 110

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

Lab Sample ID: LCS 680-887557/39
Matrix: Water
Analysis Batch: 887557

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			1.00	1.085		mg/L		109	90 - 110		

Lab Sample ID: 752-39788-1 MS
Matrix: Water
Analysis Batch: 887557

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND		1.00	1.082		mg/L		108	90 - 110		

Lab Sample ID: 752-39788-1 MSD
Matrix: Water
Analysis Batch: 887557

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	1.072		mg/L		107	90 - 110	1	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887590/21
Matrix: Water
Analysis Batch: 887590

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			12/10/25 11:47	1

Lab Sample ID: LCS 680-887590/22
Matrix: Water
Analysis Batch: 887590

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	0.9550		mg/L		96	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-732910/12
Matrix: Water
Analysis Batch: 732910

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/06/25 12:48	1

Lab Sample ID: LCS 400-732910/13
Matrix: Water
Analysis Batch: 732910

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	15.34		mg/L		102	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-732910/14
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 732910

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	5.115		mg/L		102	50 - 150		

Lab Sample ID: 752-39788-1 MS
Client Sample ID: MW-2
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 732910

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	10.1		10.0	19.38		mg/L		93	77 - 128		

Lab Sample ID: 752-39788-1 MSD
Client Sample ID: MW-2
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 732910

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.1		10.0	19.08		mg/L		90	77 - 128	2	5

GC/MS VOA

Analysis Batch: 733097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	8260D	
752-39788-2	MW-3	Total/NA	Water	8260D	
752-39788-3	MW-4	Total/NA	Water	8260D	
752-39788-4	MW-5	Total/NA	Water	8260D	
752-39788-5	MW-6	Total/NA	Water	8260D	
752-39788-6	MW-7	Total/NA	Water	8260D	
752-39788-7	MW-8	Total/NA	Water	8260D	
MB 400-733097/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733097/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 733266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-8	MW-9	Total/NA	Water	8260D	
752-39788-9	120225-Dup-1	Total/NA	Water	8260D	
752-39788-10	Trip Blank	Total/NA	Water	8260D	
MB 400-733266/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733266/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 732975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	3511	
752-39788-2	MW-3	Total/NA	Water	3511	
752-39788-3	MW-4	Total/NA	Water	3511	
752-39788-4	MW-5	Total/NA	Water	3511	
752-39788-5	MW-6	Total/NA	Water	3511	
752-39788-6	MW-7	Total/NA	Water	3511	
752-39788-7	MW-8	Total/NA	Water	3511	
752-39788-8	MW-9	Total/NA	Water	3511	
752-39788-9	120225-Dup-1	Total/NA	Water	3511	
MB 400-732975/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-732975/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-732975/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 732977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	3510C	
752-39788-2	MW-3	Total/NA	Water	3510C	
752-39788-3	MW-4	Total/NA	Water	3510C	
752-39788-4	MW-5	Total/NA	Water	3510C	
752-39788-5	MW-6	Total/NA	Water	3510C	
752-39788-6	MW-7	Total/NA	Water	3510C	
752-39788-7	MW-8	Total/NA	Water	3510C	
752-39788-8	MW-9	Total/NA	Water	3510C	
752-39788-9	120225-Dup-1	Total/NA	Water	3510C	
MB 400-732977/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-732977/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-732977/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC/MS Semi VOA

Analysis Batch: 733046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	8270E SIM ID	732977
752-39788-2	MW-3	Total/NA	Water	8270E SIM ID	732977
752-39788-3	MW-4	Total/NA	Water	8270E SIM ID	732977
752-39788-4	MW-5	Total/NA	Water	8270E SIM ID	732977
752-39788-5	MW-6	Total/NA	Water	8270E SIM ID	732977
752-39788-6	MW-7	Total/NA	Water	8270E SIM ID	732977
752-39788-7	MW-8	Total/NA	Water	8270E SIM ID	732977
752-39788-8	MW-9	Total/NA	Water	8270E SIM ID	732977
752-39788-9	120225-Dup-1	Total/NA	Water	8270E SIM ID	732977
MB 400-732977/1-A	Method Blank	Total/NA	Water	8270E SIM ID	732977
LCS 400-732977/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	732977
LCSD 400-732977/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	732977

Analysis Batch: 733112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	8270E	732975
752-39788-2	MW-3	Total/NA	Water	8270E	732975
752-39788-3	MW-4	Total/NA	Water	8270E	732975
752-39788-4	MW-5	Total/NA	Water	8270E	732975
752-39788-5	MW-6	Total/NA	Water	8270E	732975
752-39788-6	MW-7	Total/NA	Water	8270E	732975
752-39788-7	MW-8	Total/NA	Water	8270E	732975
752-39788-8	MW-9	Total/NA	Water	8270E	732975
752-39788-9	120225-Dup-1	Total/NA	Water	8270E	732975
MB 400-732975/1-A	Method Blank	Total/NA	Water	8270E	732975
LCS 400-732975/2-A	Lab Control Sample	Total/NA	Water	8270E	732975
LCSD 400-732975/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	732975

Metals

Prep Batch: 99420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total Recoverable	Water	3005A	
752-39788-2	MW-3	Total Recoverable	Water	3005A	
752-39788-3	MW-4	Total Recoverable	Water	3005A	
752-39788-4	MW-5	Total Recoverable	Water	3005A	
752-39788-5	MW-6	Total Recoverable	Water	3005A	
752-39788-6	MW-7	Total Recoverable	Water	3005A	
752-39788-7	MW-8	Total Recoverable	Water	3005A	
752-39788-8	MW-9	Total Recoverable	Water	3005A	
752-39788-9	120225-Dup-1	Total Recoverable	Water	3005A	
MB 705-99420/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-99420/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 99692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total Recoverable	Water	6020B	99420
752-39788-2	MW-3	Total Recoverable	Water	6020B	99420
752-39788-3	MW-4	Total Recoverable	Water	6020B	99420
752-39788-4	MW-5	Total Recoverable	Water	6020B	99420
752-39788-5	MW-6	Total Recoverable	Water	6020B	99420

Metals (Continued)

Analysis Batch: 99692 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-6	MW-7	Total Recoverable	Water	6020B	99420
752-39788-6	MW-7	Total Recoverable	Water	6020B	99420
752-39788-7	MW-8	Total Recoverable	Water	6020B	99420
752-39788-8	MW-9	Total Recoverable	Water	6020B	99420
752-39788-9	120225-Dup-1	Total Recoverable	Water	6020B	99420
MB 705-99420/1-A	Method Blank	Total Recoverable	Water	6020B	99420
LCS 705-99420/2-A	Lab Control Sample	Total Recoverable	Water	6020B	99420

Prep Batch: 99915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	7470A	
752-39788-2	MW-3	Total/NA	Water	7470A	
752-39788-3	MW-4	Total/NA	Water	7470A	
752-39788-4	MW-5	Total/NA	Water	7470A	
752-39788-5	MW-6	Total/NA	Water	7470A	
752-39788-6	MW-7	Total/NA	Water	7470A	
752-39788-7	MW-8	Total/NA	Water	7470A	
752-39788-8	MW-9	Total/NA	Water	7470A	
752-39788-9	120225-Dup-1	Total/NA	Water	7470A	
MB 705-99915/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-99915/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 100368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	7470A	99915
752-39788-2	MW-3	Total/NA	Water	7470A	99915
752-39788-3	MW-4	Total/NA	Water	7470A	99915
752-39788-4	MW-5	Total/NA	Water	7470A	99915
752-39788-5	MW-6	Total/NA	Water	7470A	99915
752-39788-6	MW-7	Total/NA	Water	7470A	99915
752-39788-7	MW-8	Total/NA	Water	7470A	99915
752-39788-8	MW-9	Total/NA	Water	7470A	99915
752-39788-9	120225-Dup-1	Total/NA	Water	7470A	99915
MB 705-99915/1-A	Method Blank	Total/NA	Water	7470A	99915
LCS 705-99915/2-A	Lab Control Sample	Total/NA	Water	7470A	99915

General Chemistry

Analysis Batch: 732910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39788-2	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-39788-3	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-39788-4	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-39788-5	MW-6	Total/NA	Water	SM 4500 SO4 E	
752-39788-6	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39788-7	MW-8	Total/NA	Water	SM 4500 SO4 E	
752-39788-8	MW-9	Total/NA	Water	SM 4500 SO4 E	
752-39788-9	120225-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-732910/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-732910/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 732910 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 400-732910/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-39788-1 MS	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39788-1 MSD	MW-2	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	Nitrate by calc	
752-39788-2	MW-3	Total/NA	Water	Nitrate by calc	
752-39788-3	MW-4	Total/NA	Water	Nitrate by calc	
752-39788-4	MW-5	Total/NA	Water	Nitrate by calc	
752-39788-5	MW-6	Total/NA	Water	Nitrate by calc	
752-39788-6	MW-7	Total/NA	Water	Nitrate by calc	
752-39788-7	MW-8	Total/NA	Water	Nitrate by calc	
752-39788-8	MW-9	Total/NA	Water	Nitrate by calc	
752-39788-9	120225-Dup-1	Total/NA	Water	Nitrate by calc	

Analysis Batch: 887557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39788-2	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39788-3	MW-4	Total/NA	Water	350.1-1993 R2.0	
752-39788-4	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-39788-5	MW-6	Total/NA	Water	350.1-1993 R2.0	
752-39788-6	MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39788-7	MW-8	Total/NA	Water	350.1-1993 R2.0	
752-39788-8	MW-9	Total/NA	Water	350.1-1993 R2.0	
752-39788-9	120225-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887557/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887557/38	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887557/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887557/39	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-39788-1 MS	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39788-1 MSD	MW-2	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39788-1	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-39788-2	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-39788-3	MW-4	Total/NA	Water	353.2-1993 R2.0	
752-39788-4	MW-5	Total/NA	Water	353.2-1993 R2.0	
752-39788-5	MW-6	Total/NA	Water	353.2-1993 R2.0	
752-39788-6	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-39788-7	MW-8	Total/NA	Water	353.2-1993 R2.0	
752-39788-8	MW-9	Total/NA	Water	353.2-1993 R2.0	
752-39788-9	120225-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887590/21	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887590/22	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-39788-1

Client Sample ID: MW-2

Lab Sample ID: 752-39788-1

Date Collected: 12/02/25 13:05
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 17:09
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/09/25 20:49
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 23:30
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 19:57
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:06
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:15
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:22
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 12:50

Client Sample ID: MW-3

Lab Sample ID: 752-39788-2

Date Collected: 12/02/25 13:35
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 17:36
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/09/25 21:23
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 23:51
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:15
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:10
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:23
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:24
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		5	732910	CJK	EET PEN	12/06/25 13:52

Client Sample ID: MW-4

Lab Sample ID: 752-39788-3

Date Collected: 12/02/25 13:45
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 18:02
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/09/25 21:56
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 00:12

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

Client Sample ID: MW-4
Lab Sample ID: 752-39788-3
Date Collected: 12/02/25 13:45
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:21
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:14
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:25
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:26
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		5	732910	CJK	EET PEN	12/06/25 13:53

Client Sample ID: MW-5
Lab Sample ID: 752-39788-4
Date Collected: 12/02/25 14:55
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 18:29
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/09/25 22:30
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 00:33
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:27
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:18
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:28
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:28
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		5	732910	CJK	EET PEN	12/06/25 13:53

Client Sample ID: MW-6
Lab Sample ID: 752-39788-5
Date Collected: 12/02/25 14:50
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 18:55
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/09/25 23:03
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 00:54
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:33
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:21
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:31
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:30

Lab Chronicle

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

Job ID: 752-39788-1

Client Sample ID: MW-6

Lab Sample ID: 752-39788-5

Date Collected: 12/02/25 14:50

Matrix: Water

Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 12:54

Client Sample ID: MW-7

Lab Sample ID: 752-39788-6

Date Collected: 12/02/25 15:40

Matrix: Water

Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 19:22
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/09/25 23:36
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 01:15
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:39
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		5	99692	TT	EET ATL	12/05/25 20:42
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:25
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:44
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:32
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 12:54

Client Sample ID: MW-8

Lab Sample ID: 752-39788-7

Date Collected: 12/02/25 15:30

Matrix: Water

Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733097	RSG	EET PEN	12/09/25 19:49
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/10/25 00:09
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 01:36
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:44
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:41
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:47
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:34
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 12:55

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

Client Sample ID: MW-9
Lab Sample ID: 752-39788-8
Date Collected: 12/02/25 16:45
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733266	RSG	EET PEN	12/10/25 20:34
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/10/25 00:42
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 01:58
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:50
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:45
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:49
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:35
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 12:55

Client Sample ID: 120225-Dup-1
Lab Sample ID: 752-39788-9
Date Collected: 12/02/25 00:00
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733266	RSG	EET PEN	12/10/25 21:00
Total/NA	Prep	3511			732975	HG	EET PEN	12/08/25 11:04
Total/NA	Analysis	8270E		1	733112	JAW	EET PEN	12/10/25 01:15
Total/NA	Prep	3510C			732977	AMM	EET PEN	12/08/25 11:09
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/09/25 02:19
Total Recoverable	Prep	3005A			99420	SA	EET ATL	12/05/25 08:18
Total Recoverable	Analysis	6020B		1	99692	TT	EET ATL	12/05/25 20:56
Total/NA	Prep	7470A			99915	KB	EET ATL	12/08/25 16:28
Total/NA	Analysis	7470A		1	100368	TA	EET ATL	12/08/25 21:49
Total/NA	Analysis	350.1-1993 R2.0		1	887557	DJ	EET SAV	12/08/25 17:52
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 12:41
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/10/25 16:13
Total/NA	Analysis	SM 4500 SO4 E		5	732910	CJK	EET PEN	12/06/25 13:54

Client Sample ID: Trip Blank
Lab Sample ID: 752-39788-10
Date Collected: 12/02/25 00:00
Matrix: Water
Date Received: 12/03/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733266	RSG	EET PEN	12/10/25 21:27

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Job ID: 752-39788-1
Project/Site: Northgate Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 752-39788-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-39788-1	MW-2	Water	12/02/25 13:05	12/03/25 07:30	North Carolina
752-39788-2	MW-3	Water	12/02/25 13:35	12/03/25 07:30	North Carolina
752-39788-3	MW-4	Water	12/02/25 13:45	12/03/25 07:30	North Carolina
752-39788-4	MW-5	Water	12/02/25 14:55	12/03/25 07:30	North Carolina
752-39788-5	MW-6	Water	12/02/25 14:50	12/03/25 07:30	North Carolina
752-39788-6	MW-7	Water	12/02/25 15:40	12/03/25 07:30	North Carolina
752-39788-7	MW-8	Water	12/02/25 15:30	12/03/25 07:30	North Carolina
752-39788-8	MW-9	Water	12/02/25 16:45	12/03/25 07:30	North Carolina
752-39788-9	120225-Dup-1	Water	12/02/25 00:00	12/03/25 07:30	North Carolina
752-39788-10	Trip Blank	Water	12/02/25 00:00	12/03/25 07:30	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: Chase Potter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170289-59893.1
Client Contact: Jerry Paul	Phone: (912) 337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:	Analysis Requested		Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			Preservation Codes: N - None; S - H2SO4; A - HCL; D - HNO3
City: Raleigh	TAT Requested (days): STANDARD TAT			752-39788 COC
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			Other:
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BM			NCDEQ EQuIS EDDs
Email: jpaul@smeinc.com	WO #:			
Project Name: Northgate Park	Project #: 68026680			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
MW-2	12/2/25	1305	G	W			X	X	X	X	X	X	X		
MW-3		1335					X	X	X	X	X	X	X		
MW-4		1345					X	X	X	X	X	X	X		
MW-5		1455					X	X	X	X	X	X	X		
MW-6		1450					X	X	X	X	X	X	X		
MW-7		1540					X	X	X	X	X	X	X		
MW-8		1530					X	X	X	X	X	X	X		
MW-9		1645					X	X	X	X	X	X	X		
120225-DUP-1		—					X	X	X	X	X	X	X		
TRIP BLANKS															

Initial Temperature: 1.2, 0.7 °C
Correction Factor: -0.2°C
Corrected Temperature: 1.0, 0.5°C
Temp IR Gun: CRY-T-132
Initials: BY BR PG DW DO HH

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
Chase Potter	12/2/25 0840	S&ME	Trade OL	12/3/25 730	
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: 752-7409 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 #: 752-39788-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/11/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/6030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
MW-2 (752-39788-1)	12/2/25	13.05 Eastern	G	Water			X	X	X	X	10	
MW-3 (752-39788-2)	12/2/25	13 35 Eastern	G	Water			X	X	X	X	10	
MW-4 (752-39788-3)	12/2/25	13.45 Eastern	G	Water			X	X	X	X	10	
MW-5 (752-39788-4)	12/2/25	14.55 Eastern	G	Water			X	X	X	X	10	
MW-6 (752-39788-5)	12/2/25	14.50 Eastern	G	Water			X	X	X	X	10	
MW-7 (752-39788-6)	12/2/25	15.40 Eastern	G	Water			X	X	X	X	10	
MW-8 (752-39788-7)	12/2/25	15.30 Eastern	G	Water			X	X	X	X	10	
MW-9 (752-39788-8)	12/2/25	16.45 Eastern	G	Water			X	X	X	X	10	
120225-Dup-1 (752-39788-9)	12/2/25	Eastern	G	Water			X	X	X	X	10	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
RL	12/3/25 1515				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/4/25 853	Company EEAT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks. 2.2, 2.5 IR10

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: 752-7409.2
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 #: 752-39788-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/11/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate 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_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
Trip Blank (752-39788-10)	12/2/25	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	PB	12/3/25 15:25				
2						
3					12/4/25 8:53	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:
		2.2, 2.5 IR10

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: 752-7405.1
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 #: 752-39788-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/11/2025			Preservation Codes: -
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate 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-2 (752-39788-1)	12/2/25	13:05 Eastern	G	Water			X	X	1	
MW-3 (752-39788-2)	12/2/25	13:35 Eastern	G	Water			X	X	1	
MW-4 (752-39788-3)	12/2/25	13:45 Eastern	G	Water			X	X	1	
MW-5 (752-39788-4)	12/2/25	14:55 Eastern	G	Water			X	X	1	
MW-6 (752-39788-5)	12/2/25	14:50 Eastern	G	Water			X	X	1	
MW-7 (752-39788-6)	12/2/25	15:40 Eastern	G	Water			X	X	1	
MW-8 (752-39788-7)	12/2/25	15:30 Eastern	G	Water			X	X	1	
MW-9 (752-39788-8)	12/2/25	16:45 Eastern	G	Water			X	X	1	
120225-Dup-1 (752-39788-9)	12/2/25	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PG	12/3/25 1515		Tayl	12/04/25 1101	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.8 #2665

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39788-1

Login Number: 39788

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: 752-39788-1

Login Number: 39788
List Number: 2
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/04/25 12:58 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39788-1

Login Number: 39788
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 12/05/25 04:04 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2°C, 2.5°C IR10
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39788-1

Login Number: 39788
List Number: 3
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 12/05/25 11:19 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	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39788-1

Login Number: 39788
List Number: 5
Creator: Flanagan, Naomi V

List Source: Eurofins Savannah
List Creation: 12/08/25 11:00 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/23/2025 5:09:59 PM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-40096-1

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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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
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
752-40096-1

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

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

Receipt
The samples were received on 12/10/2025 8:00 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 0.8°C.

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

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

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

Metals
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: Northgate Park

Job ID: 752-40096-1

Client Sample ID: SW-1 — Lab Sample ID: 752-40096-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.1		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	31.5		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.18		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	64.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.76	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0200	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 752-40096-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.2		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	33.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.30		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	51.9		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.48	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0210	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 752-40096-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.3		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	33.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.35		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	54.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.28	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0280	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: SW-4 — Lab Sample ID: 752-40096-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.2		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	33.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.58		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	67.1		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.39	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0330	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: SW-5 — Lab Sample ID: 752-40096-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.5		1.00	0.767	mg/L	1		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Client Sample ID: SW-5 (Continued) — Lab Sample ID: 752-40096-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	32.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.43		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	53.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.39	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0320	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: SW-6 — Lab Sample ID: 752-40096-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.5		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	32.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.28		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	53.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.72	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	13.5		0.400	0.0736	mg/L	4		350.1	Total/NA

Client Sample ID: SW-Dup — Lab Sample ID: 752-40096-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	32.8		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.16		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	57.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.42	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	18.6		0.500	0.0920	mg/L	5		350.1	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-40096-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 752-40096-1

Client Sample ID: SW-1

Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 20:45	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 20:45	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 20:45	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 20:45	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 20:45	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 20:45	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 20:45	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 20:45	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 20:45	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 20:45	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 20:45	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 20:45	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 20:45	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 20:45	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 20:45	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 20:45	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 20:45	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 20:45	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 20:45	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 20:45	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 20:45	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 20:45	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 20:45	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 20:45	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 20:45	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 20:45	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 20:45	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 20:45	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 20:45	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 20:45	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 20:45	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 17:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 20:45	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 20:45	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 20:45	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 20:45	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 20:45	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 20:45	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 20:45	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 20:45	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 20:45	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 20:45	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 20:45	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 20:45	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 20:45	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 20:45	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 20:45	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 20:45	1

Client Sample ID: SW-1
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 20:45	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 20:45	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 20:45	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 20:45	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 20:45	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 20:45	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 20:45	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 20:45	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 20:45	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 20:45	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 20:45	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 20:45	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 20:45	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 20:45	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 20:45	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 20:45	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 20:45	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 20:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 20:45	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 20:45	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 20:45	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 20:45	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 20:45	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/17/25 20:45*	*1*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/18/25 17:02*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/17/25 20:45*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/18/25 17:02*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*12/17/25 20:45*	*1*
Toluene-d8 (Surr)	*90*		*79 - 119*		*12/18/25 17:02*	*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		0.295	0.295	ug/L		12/12/25 11:54	12/12/25 23:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 140*	*12/12/25 11:54*	*12/12/25 23:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.430	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/15/25 10:16	12/16/25 13:27	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/15/25 10:16	12/16/25 13:27	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/15/25 10:16	12/16/25 13:27	1

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Client Sample ID: SW-1
Lab Sample ID: 752-40096-1
Date Collected: 12/09/25 13:15
Matrix: Water
Date Received: 12/10/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.2	0.860	ug/L		12/15/25 10:16	12/16/25 13:27	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/15/25 10:16	12/16/25 13:27	1
2-Methylphenol	ND		10.2	0.778	ug/L		12/15/25 10:16	12/16/25 13:27	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/15/25 10:16	12/16/25 13:27	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/15/25 10:16	12/16/25 13:27	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/15/25 10:16	12/16/25 13:27	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/15/25 10:16	12/16/25 13:27	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/15/25 10:16	12/16/25 13:27	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/15/25 10:16	12/16/25 13:27	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/15/25 10:16	12/16/25 13:27	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/15/25 10:16	12/16/25 13:27	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/15/25 10:16	12/16/25 13:27	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/15/25 10:16	12/16/25 13:27	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/15/25 10:16	12/16/25 13:27	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/15/25 10:16	12/16/25 13:27	1
Acenaphthene	ND		10.2	0.645	ug/L		12/15/25 10:16	12/16/25 13:27	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/15/25 10:16	12/16/25 13:27	1
Acetophenone	ND		10.2	3.28	ug/L		12/15/25 10:16	12/16/25 13:27	1
Anthracene	ND		10.2	0.932	ug/L		12/15/25 10:16	12/16/25 13:27	1
Atrazine	ND		10.2	1.16	ug/L		12/15/25 10:16	12/16/25 13:27	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/15/25 10:16	12/16/25 13:27	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:16	12/16/25 13:27	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/15/25 10:16	12/16/25 13:27	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/15/25 10:16	12/16/25 13:27	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/15/25 10:16	12/16/25 13:27	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/15/25 10:16	12/16/25 13:27	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/15/25 10:16	12/16/25 13:27	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/15/25 10:16	12/16/25 13:27	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		12/15/25 10:16	12/16/25 13:27	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/15/25 10:16	12/16/25 13:27	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:16	12/16/25 13:27	1
Caprolactam	ND		10.2	2.46	ug/L		12/15/25 10:16	12/16/25 13:27	1
Carbazole	ND		10.2	0.328	ug/L		12/15/25 10:16	12/16/25 13:27	1
Chrysene	ND		10.2	1.23	ug/L		12/15/25 10:16	12/16/25 13:27	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/15/25 10:16	12/16/25 13:27	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/15/25 10:16	12/16/25 13:27	1
Diethyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:16	12/16/25 13:27	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:16	12/16/25 13:27	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/15/25 10:16	12/16/25 13:27	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:16	12/16/25 13:27	1
Fluoranthene	ND		10.2	0.645	ug/L		12/15/25 10:16	12/16/25 13:27	1
Fluorene	ND		10.2	0.686	ug/L		12/15/25 10:16	12/16/25 13:27	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/15/25 10:16	12/16/25 13:27	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/15/25 10:16	12/16/25 13:27	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/15/25 10:16	12/16/25 13:27	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/15/25 10:16	12/16/25 13:27	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/15/25 10:16	12/16/25 13:27	1
Isophorone	ND		10.2	0.819	ug/L		12/15/25 10:16	12/16/25 13:27	1
Naphthalene	ND		10.2	0.768	ug/L		12/15/25 10:16	12/16/25 13:27	1

Client Sample ID: SW-1
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.2	0.614	ug/L		12/15/25 10:16	12/16/25 13:27	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/15/25 10:16	12/16/25 13:27	1
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/15/25 10:16	12/16/25 13:27	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/15/25 10:16	12/16/25 13:27	1
Phenanthrene	ND		10.2	0.758	ug/L		12/15/25 10:16	12/16/25 13:27	1
Phenol	ND		10.2	0.696	ug/L		12/15/25 10:16	12/16/25 13:27	1
Pyrene	ND		10.2	0.645	ug/L		12/15/25 10:16	12/16/25 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*12/15/25 10:16*	*12/16/25 13:27*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*12/15/25 10:16*	*12/16/25 13:27*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 150*	*12/15/25 10:16*	*12/16/25 13:27*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*12/15/25 10:16*	*12/16/25 13:27*	*1*
Phenol-d5 (Surr)	*73*		*10 - 150*	*12/15/25 10:16*	*12/16/25 13:27*	*1*
Terphenyl-d14 (Surr)	*55*		*28 - 150*	*12/15/25 10:16*	*12/16/25 13:27*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.1**		1.00	0.767	mg/L			12/18/25 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 18:52	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 18:52	1
Barium	**31.5**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 18:52	1
Beryllium	ND	F2 F1	1.00	0.147	ug/L		12/15/25 07:15	12/16/25 19:38	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 18:52	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 18:52	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 18:52	1
Copper	**2.18**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 18:52	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 18:52	1
Manganese	**64.4**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 18:52	1
Nickel	**1.76**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 18:52	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 18:52	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 18:52	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 19:38	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 18:52	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 18:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0200**	**J**	0.100	0.0184	mg/L			12/20/25 00:01	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 09:47	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:12	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: SW-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 21:10	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 21:10	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 21:10	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 21:10	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 21:10	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 21:10	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 21:10	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 21:10	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 21:10	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 21:10	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 21:10	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 21:10	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 21:10	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 21:10	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 21:10	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 21:10	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 21:10	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 21:10	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 21:10	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 21:10	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 21:10	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 21:10	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 21:10	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 21:10	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 21:10	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 21:10	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 21:10	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 21:10	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 21:10	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 21:10	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 21:10	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 13:50	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 21:10	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 21:10	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 21:10	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 21:10	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 21:10	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 21:10	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 21:10	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 21:10	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 21:10	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 21:10	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 21:10	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 21:10	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 21:10	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 21:10	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 21:10	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 21:10	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 21:10	1

Client Sample ID: SW-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 21:10	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 21:10	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 21:10	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 21:10	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 21:10	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 21:10	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 21:10	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 21:10	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 21:10	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 21:10	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 21:10	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 21:10	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 21:10	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 21:10	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 21:10	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 21:10	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 21:10	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 21:10	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 21:10	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 21:10	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 21:10	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 21:10	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*12/17/25 21:10*	*1*
4-Bromofluorobenzene	*92*		*70 - 126*		*12/18/25 13:50*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/17/25 21:10*	*1*
Dibromofluoromethane	*99*		*77 - 121*		*12/18/25 13:50*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/17/25 21:10*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/18/25 13:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.285	0.285	ug/L		12/12/25 11:54	12/12/25 23:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 140*	*12/12/25 11:54*	*12/12/25 23:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.3	0.433	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,4,5-Trichlorophenol	ND		10.3	0.557	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,4-Dichlorophenol	ND		10.3	0.588	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,4-Dinitrophenol	ND		30.9	4.82	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,4-Dinitrotoluene	ND		10.3	0.670	ug/L		12/15/25 10:16	12/16/25 13:59	1
2,6-Dinitrotoluene	ND		10.3	0.299	ug/L		12/15/25 10:16	12/16/25 13:59	1
2-Chloronaphthalene	ND		10.3	0.392	ug/L		12/15/25 10:16	12/16/25 13:59	1

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

Job ID: 752-40096-1

Client Sample ID: SW-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.3	0.866	ug/L		12/15/25 10:16	12/16/25 13:59	1
2-Methylnaphthalene	ND		10.3	0.835	ug/L		12/15/25 10:16	12/16/25 13:59	1
2-Methylphenol	ND		10.3	0.784	ug/L		12/15/25 10:16	12/16/25 13:59	1
2-Nitroaniline	ND		10.3	1.41	ug/L		12/15/25 10:16	12/16/25 13:59	1
2-Nitrophenol	ND		10.3	1.21	ug/L		12/15/25 10:16	12/16/25 13:59	1
3 & 4 Methylphenol	ND		20.6	4.74	ug/L		12/15/25 10:16	12/16/25 13:59	1
3,3'-Dichlorobenzidine	ND		11.3	0.423	ug/L		12/15/25 10:16	12/16/25 13:59	1
3-Nitroaniline	ND		10.3	0.979	ug/L		12/15/25 10:16	12/16/25 13:59	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.03	ug/L		12/15/25 10:16	12/16/25 13:59	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		12/15/25 10:16	12/16/25 13:59	1
4-Chloro-3-methylphenol	ND		10.3	0.753	ug/L		12/15/25 10:16	12/16/25 13:59	1
4-Chloroaniline	ND		10.3	0.598	ug/L		12/15/25 10:16	12/16/25 13:59	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		12/15/25 10:16	12/16/25 13:59	1
4-Nitroaniline	ND		10.3	3.61	ug/L		12/15/25 10:16	12/16/25 13:59	1
4-Nitrophenol	ND		10.3	2.82	ug/L		12/15/25 10:16	12/16/25 13:59	1
Acenaphthene	ND		10.3	0.649	ug/L		12/15/25 10:16	12/16/25 13:59	1
Acenaphthylene	ND		10.3	0.784	ug/L		12/15/25 10:16	12/16/25 13:59	1
Acetophenone	ND		10.3	3.30	ug/L		12/15/25 10:16	12/16/25 13:59	1
Anthracene	ND		10.3	0.938	ug/L		12/15/25 10:16	12/16/25 13:59	1
Atrazine	ND		10.3	1.16	ug/L		12/15/25 10:16	12/16/25 13:59	1
Benzaldehyde	ND		10.3	0.691	ug/L		12/15/25 10:16	12/16/25 13:59	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		12/15/25 10:16	12/16/25 13:59	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		12/15/25 10:16	12/16/25 13:59	1
Benzo[b]fluoranthene	ND		10.3	1.24	ug/L		12/15/25 10:16	12/16/25 13:59	1
Benzo[g,h,i]perylene	ND		10.3	1.55	ug/L		12/15/25 10:16	12/16/25 13:59	1
Benzo[k]fluoranthene	ND		10.3	1.55	ug/L		12/15/25 10:16	12/16/25 13:59	1
bis (2-chloroisopropyl) ether	ND		10.3	0.959	ug/L		12/15/25 10:16	12/16/25 13:59	1
Bis(2-chloroethoxy)methane	ND		10.3	0.351	ug/L		12/15/25 10:16	12/16/25 13:59	1
Bis(2-chloroethyl)ether	ND		10.3	0.753	ug/L		12/15/25 10:16	12/16/25 13:59	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.12	ug/L		12/15/25 10:16	12/16/25 13:59	1
Butyl benzyl phthalate	ND		10.3	4.12	ug/L		12/15/25 10:16	12/16/25 13:59	1
Caprolactam	ND		10.3	2.47	ug/L		12/15/25 10:16	12/16/25 13:59	1
Carbazole	ND		10.3	0.330	ug/L		12/15/25 10:16	12/16/25 13:59	1
Chrysene	ND		10.3	1.24	ug/L		12/15/25 10:16	12/16/25 13:59	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		12/15/25 10:16	12/16/25 13:59	1
Dibenzofuran	ND		10.3	0.660	ug/L		12/15/25 10:16	12/16/25 13:59	1
Diethyl phthalate	ND		10.3	4.12	ug/L		12/15/25 10:16	12/16/25 13:59	1
Dimethyl phthalate	ND		10.3	4.12	ug/L		12/15/25 10:16	12/16/25 13:59	1
Di-n-butyl phthalate	ND		10.3	8.44	ug/L		12/15/25 10:16	12/16/25 13:59	1
Di-n-octyl phthalate	ND		10.3	4.12	ug/L		12/15/25 10:16	12/16/25 13:59	1
Fluoranthene	ND		10.3	0.649	ug/L		12/15/25 10:16	12/16/25 13:59	1
Fluorene	ND		10.3	0.691	ug/L		12/15/25 10:16	12/16/25 13:59	1
Hexachlorobenzene	ND		10.3	0.258	ug/L		12/15/25 10:16	12/16/25 13:59	1
Hexachlorobutadiene	ND		10.3	0.567	ug/L		12/15/25 10:16	12/16/25 13:59	1
Hexachlorocyclopentadiene	ND		20.6	0.330	ug/L		12/15/25 10:16	12/16/25 13:59	1
Hexachloroethane	ND		10.3	0.546	ug/L		12/15/25 10:16	12/16/25 13:59	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		12/15/25 10:16	12/16/25 13:59	1
Isophorone	ND		10.3	0.825	ug/L		12/15/25 10:16	12/16/25 13:59	1
Naphthalene	ND		10.3	0.773	ug/L		12/15/25 10:16	12/16/25 13:59	1

Client Sample ID: SW-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.3	0.619	ug/L		12/15/25 10:16	12/16/25 13:59	1
N-Nitrosodi-n-propylamine	ND		10.3	0.340	ug/L		12/15/25 10:16	12/16/25 13:59	1
N-Nitrosodiphenylamine	ND		10.3	0.196	ug/L		12/15/25 10:16	12/16/25 13:59	1
Pentachlorophenol	ND		10.3	2.89	ug/L		12/15/25 10:16	12/16/25 13:59	1
Phenanthrene	ND		10.3	0.763	ug/L		12/15/25 10:16	12/16/25 13:59	1
Phenol	ND		10.3	0.701	ug/L		12/15/25 10:16	12/16/25 13:59	1
Pyrene	ND		10.3	0.649	ug/L		12/15/25 10:16	12/16/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*12/15/25 10:16*	*12/16/25 13:59*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*12/15/25 10:16*	*12/16/25 13:59*	*1*
2-Fluorophenol (Surr)	*75*		*10 - 150*	*12/15/25 10:16*	*12/16/25 13:59*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 150*	*12/15/25 10:16*	*12/16/25 13:59*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*12/15/25 10:16*	*12/16/25 13:59*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*12/15/25 10:16*	*12/16/25 13:59*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.2**		1.00	0.767	mg/L			12/18/25 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:05	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:05	1
Barium	**33.7**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:05	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:04	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:05	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:05	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:05	1
Copper	**2.30**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:05	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:05	1
Manganese	**51.9**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:05	1
Nickel	**1.48**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:05	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:05	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:05	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:04	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:05	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0210**	**J**	0.100	0.0184	mg/L			12/20/25 00:15	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 09:52	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:13	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: SW-3

Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 21:35	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 21:35	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 21:35	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 21:35	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 21:35	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 21:35	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 21:35	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 21:35	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 21:35	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 21:35	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 21:35	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 21:35	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 21:35	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 21:35	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 21:35	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 21:35	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 21:35	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 21:35	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 21:35	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 21:35	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 21:35	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 21:35	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 21:35	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 21:35	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 21:35	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 21:35	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 21:35	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 21:35	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 21:35	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 21:35	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 21:35	1
Ethyl acetate	ND	F1	10.0	5.93	ug/L			12/18/25 14:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 21:35	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 21:35	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 21:35	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 21:35	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 21:35	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 21:35	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 21:35	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 21:35	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 21:35	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 21:35	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 21:35	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 21:35	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 21:35	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 21:35	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 21:35	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 21:35	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 21:35	1

Client Sample ID: SW-3
Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 21:35	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 21:35	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 21:35	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 21:35	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 21:35	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 21:35	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 21:35	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 21:35	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 21:35	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 21:35	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 21:35	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 21:35	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 21:35	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 21:35	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 21:35	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 21:35	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 21:35	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 21:35	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 21:35	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 21:35	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 21:35	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 21:35	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/17/25 21:35*	*1*
4-Bromofluorobenzene	*105*		*70 - 126*		*12/18/25 14:38*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/17/25 21:35*	*1*
Dibromofluoromethane	*99*		*77 - 121*		*12/18/25 14:38*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/17/25 21:35*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/18/25 14:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/12/25 11:54	12/12/25 23:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 140*	*12/12/25 11:54*	*12/12/25 23:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.429	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		12/15/25 10:16	12/16/25 14:32	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		12/15/25 10:16	12/16/25 14:32	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		12/15/25 10:16	12/16/25 14:32	1

Client Sample ID: SW-3
Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.2	0.857	ug/L		12/15/25 10:16	12/16/25 14:32	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		12/15/25 10:16	12/16/25 14:32	1
2-Methylphenol	ND		10.2	0.776	ug/L		12/15/25 10:16	12/16/25 14:32	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/15/25 10:16	12/16/25 14:32	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/15/25 10:16	12/16/25 14:32	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		12/15/25 10:16	12/16/25 14:32	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		12/15/25 10:16	12/16/25 14:32	1
3-Nitroaniline	ND		10.2	0.969	ug/L		12/15/25 10:16	12/16/25 14:32	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		12/15/25 10:16	12/16/25 14:32	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/15/25 10:16	12/16/25 14:32	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		12/15/25 10:16	12/16/25 14:32	1
4-Chloroaniline	ND		10.2	0.592	ug/L		12/15/25 10:16	12/16/25 14:32	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		12/15/25 10:16	12/16/25 14:32	1
4-Nitroaniline	ND		10.2	3.57	ug/L		12/15/25 10:16	12/16/25 14:32	1
4-Nitrophenol	ND		10.2	2.80	ug/L		12/15/25 10:16	12/16/25 14:32	1
Acenaphthene	ND		10.2	0.643	ug/L		12/15/25 10:16	12/16/25 14:32	1
Acenaphthylene	ND		10.2	0.776	ug/L		12/15/25 10:16	12/16/25 14:32	1
Acetophenone	ND		10.2	3.27	ug/L		12/15/25 10:16	12/16/25 14:32	1
Anthracene	ND		10.2	0.929	ug/L		12/15/25 10:16	12/16/25 14:32	1
Atrazine	ND		10.2	1.15	ug/L		12/15/25 10:16	12/16/25 14:32	1
Benzaldehyde	ND		10.2	0.684	ug/L		12/15/25 10:16	12/16/25 14:32	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:16	12/16/25 14:32	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 14:32	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 14:32	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 14:32	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 14:32	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		12/15/25 10:16	12/16/25 14:32	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		12/15/25 10:16	12/16/25 14:32	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		12/15/25 10:16	12/16/25 14:32	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		12/15/25 10:16	12/16/25 14:32	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		12/15/25 10:16	12/16/25 14:32	1
Caprolactam	ND		10.2	2.45	ug/L		12/15/25 10:16	12/16/25 14:32	1
Carbazole	ND		10.2	0.327	ug/L		12/15/25 10:16	12/16/25 14:32	1
Chrysene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 14:32	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/15/25 10:16	12/16/25 14:32	1
Dibenzofuran	ND		10.2	0.653	ug/L		12/15/25 10:16	12/16/25 14:32	1
Diethyl phthalate	ND		10.2	4.08	ug/L		12/15/25 10:16	12/16/25 14:32	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		12/15/25 10:16	12/16/25 14:32	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		12/15/25 10:16	12/16/25 14:32	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		12/15/25 10:16	12/16/25 14:32	1
Fluoranthene	ND		10.2	0.643	ug/L		12/15/25 10:16	12/16/25 14:32	1
Fluorene	ND		10.2	0.684	ug/L		12/15/25 10:16	12/16/25 14:32	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		12/15/25 10:16	12/16/25 14:32	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		12/15/25 10:16	12/16/25 14:32	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		12/15/25 10:16	12/16/25 14:32	1
Hexachloroethane	ND		10.2	0.541	ug/L		12/15/25 10:16	12/16/25 14:32	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 14:32	1
Isophorone	ND		10.2	0.816	ug/L		12/15/25 10:16	12/16/25 14:32	1
Naphthalene	ND		10.2	0.765	ug/L		12/15/25 10:16	12/16/25 14:32	1

Client Sample ID: SW-3

Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.2	0.612	ug/L		12/15/25 10:16	12/16/25 14:32	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		12/15/25 10:16	12/16/25 14:32	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		12/15/25 10:16	12/16/25 14:32	1
Pentachlorophenol	ND		10.2	2.86	ug/L		12/15/25 10:16	12/16/25 14:32	1
Phenanthrene	ND		10.2	0.755	ug/L		12/15/25 10:16	12/16/25 14:32	1
Phenol	ND		10.2	0.694	ug/L		12/15/25 10:16	12/16/25 14:32	1
Pyrene	ND		10.2	0.643	ug/L		12/15/25 10:16	12/16/25 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*	*12/15/25 10:16*	*12/16/25 14:32*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*12/15/25 10:16*	*12/16/25 14:32*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*12/15/25 10:16*	*12/16/25 14:32*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*12/15/25 10:16*	*12/16/25 14:32*	*1*
Phenol-d5 (Surr)	*72*		*10 - 150*	*12/15/25 10:16*	*12/16/25 14:32*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*12/15/25 10:16*	*12/16/25 14:32*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.3**		1.00	0.767	mg/L			12/18/25 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:08	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:08	1
Barium	**33.0**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:08	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:07	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:08	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:08	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:08	1
Copper	**2.35**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:08	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:08	1
Manganese	**54.7**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:08	1
Nickel	**1.28**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:08	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:08	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:08	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:07	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:08	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0280**	**J**	0.100	0.0184	mg/L			12/20/25 00:17	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 09:53	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:13	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: SW-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 22:00	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 22:00	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 22:00	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 22:00	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 22:00	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 22:00	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 22:00	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 22:00	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 22:00	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 22:00	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 22:00	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 22:00	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 22:00	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 22:00	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 22:00	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 22:00	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 22:00	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 22:00	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 22:00	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 22:00	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 22:00	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 22:00	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 22:00	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 22:00	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 22:00	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 22:00	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 22:00	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 22:00	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 22:00	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 22:00	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 22:00	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 17:26	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 22:00	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 22:00	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 22:00	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 22:00	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 22:00	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 22:00	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 22:00	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 22:00	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 22:00	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 22:00	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 22:00	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 22:00	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 22:00	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 22:00	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 22:00	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 22:00	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 22:00	1

Client Sample ID: SW-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 22:00	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 22:00	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 22:00	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 22:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 22:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 22:00	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 22:00	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 22:00	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 22:00	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 22:00	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 22:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 22:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 22:00	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 22:00	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 22:00	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 22:00	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 22:00	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 22:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 22:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 22:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 22:00	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 22:00	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 22:00	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/17/25 22:00*	*1*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/18/25 17:26*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/17/25 22:00*	*1*
Dibromofluoromethane	*114*		*77 - 121*		*12/18/25 17:26*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/17/25 22:00*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 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		0.282	0.282	ug/L		12/12/25 11:54	12/13/25 00:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 140*	*12/12/25 11:54*	*12/13/25 00:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		12/15/25 10:16	12/16/25 15:06	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		12/15/25 10:16	12/16/25 15:06	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		12/15/25 10:16	12/16/25 15:06	1

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Client Sample ID: SW-4
Lab Sample ID: 752-40096-4
Date Collected: 12/09/25 15:00
Matrix: Water
Date Received: 12/10/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.1	0.846	ug/L		12/15/25 10:16	12/16/25 15:06	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		12/15/25 10:16	12/16/25 15:06	1
2-Methylphenol	ND		10.1	0.765	ug/L		12/15/25 10:16	12/16/25 15:06	1
2-Nitroaniline	ND		10.1	1.38	ug/L		12/15/25 10:16	12/16/25 15:06	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/15/25 10:16	12/16/25 15:06	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		12/15/25 10:16	12/16/25 15:06	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		12/15/25 10:16	12/16/25 15:06	1
3-Nitroaniline	ND		10.1	0.956	ug/L		12/15/25 10:16	12/16/25 15:06	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		12/15/25 10:16	12/16/25 15:06	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/15/25 10:16	12/16/25 15:06	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		12/15/25 10:16	12/16/25 15:06	1
4-Chloroaniline	ND		10.1	0.584	ug/L		12/15/25 10:16	12/16/25 15:06	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/15/25 10:16	12/16/25 15:06	1
4-Nitroaniline	ND		10.1	3.52	ug/L		12/15/25 10:16	12/16/25 15:06	1
4-Nitrophenol	ND		10.1	2.76	ug/L		12/15/25 10:16	12/16/25 15:06	1
Acenaphthene	ND		10.1	0.634	ug/L		12/15/25 10:16	12/16/25 15:06	1
Acenaphthylene	ND		10.1	0.765	ug/L		12/15/25 10:16	12/16/25 15:06	1
Acetophenone	ND		10.1	3.22	ug/L		12/15/25 10:16	12/16/25 15:06	1
Anthracene	ND		10.1	0.916	ug/L		12/15/25 10:16	12/16/25 15:06	1
Atrazine	ND		10.1	1.14	ug/L		12/15/25 10:16	12/16/25 15:06	1
Benzaldehyde	ND		10.1	0.674	ug/L		12/15/25 10:16	12/16/25 15:06	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/15/25 10:16	12/16/25 15:06	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/15/25 10:16	12/16/25 15:06	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/15/25 10:16	12/16/25 15:06	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		12/15/25 10:16	12/16/25 15:06	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		12/15/25 10:16	12/16/25 15:06	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		12/15/25 10:16	12/16/25 15:06	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		12/15/25 10:16	12/16/25 15:06	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		12/15/25 10:16	12/16/25 15:06	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		12/15/25 10:16	12/16/25 15:06	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		12/15/25 10:16	12/16/25 15:06	1
Caprolactam	ND		10.1	2.42	ug/L		12/15/25 10:16	12/16/25 15:06	1
Carbazole	ND		10.1	0.322	ug/L		12/15/25 10:16	12/16/25 15:06	1
Chrysene	ND		10.1	1.21	ug/L		12/15/25 10:16	12/16/25 15:06	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/15/25 10:16	12/16/25 15:06	1
Dibenzofuran	ND		10.1	0.644	ug/L		12/15/25 10:16	12/16/25 15:06	1
Diethyl phthalate	ND		10.1	4.03	ug/L		12/15/25 10:16	12/16/25 15:06	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		12/15/25 10:16	12/16/25 15:06	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		12/15/25 10:16	12/16/25 15:06	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		12/15/25 10:16	12/16/25 15:06	1
Fluoranthene	ND		10.1	0.634	ug/L		12/15/25 10:16	12/16/25 15:06	1
Fluorene	ND		10.1	0.674	ug/L		12/15/25 10:16	12/16/25 15:06	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		12/15/25 10:16	12/16/25 15:06	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		12/15/25 10:16	12/16/25 15:06	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		12/15/25 10:16	12/16/25 15:06	1
Hexachloroethane	ND		10.1	0.534	ug/L		12/15/25 10:16	12/16/25 15:06	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/15/25 10:16	12/16/25 15:06	1
Isophorone	ND		10.1	0.805	ug/L		12/15/25 10:16	12/16/25 15:06	1
Naphthalene	ND		10.1	0.755	ug/L		12/15/25 10:16	12/16/25 15:06	1

Client Sample ID: SW-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.1	0.604	ug/L		12/15/25 10:16	12/16/25 15:06	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		12/15/25 10:16	12/16/25 15:06	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		12/15/25 10:16	12/16/25 15:06	1
Pentachlorophenol	ND		10.1	2.82	ug/L		12/15/25 10:16	12/16/25 15:06	1
Phenanthrene	ND		10.1	0.745	ug/L		12/15/25 10:16	12/16/25 15:06	1
Phenol	ND		10.1	0.685	ug/L		12/15/25 10:16	12/16/25 15:06	1
Pyrene	ND		10.1	0.634	ug/L		12/15/25 10:16	12/16/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*	*12/15/25 10:16*	*12/16/25 15:06*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*12/15/25 10:16*	*12/16/25 15:06*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*12/15/25 10:16*	*12/16/25 15:06*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*12/15/25 10:16*	*12/16/25 15:06*	*1*
Phenol-d5 (Surr)	*72*		*10 - 150*	*12/15/25 10:16*	*12/16/25 15:06*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*12/15/25 10:16*	*12/16/25 15:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.2**		1.00	0.767	mg/L			12/18/25 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:10	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:10	1
Barium	**33.6**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:10	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:10	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:10	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:10	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:10	1
Copper	**2.58**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:10	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:10	1
Manganese	**67.1**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:10	1
Nickel	**1.39**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:10	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:10	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:10	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:10	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:10	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0330**	**J**	0.100	0.0184	mg/L			12/20/25 00:19	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 09:55	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:14	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: SW-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 22:25	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 22:25	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 22:25	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 22:25	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 22:25	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 22:25	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 22:25	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 22:25	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 22:25	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 22:25	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 22:25	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 22:25	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 22:25	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 22:25	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 22:25	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 22:25	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 22:25	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 22:25	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 22:25	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 22:25	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 22:25	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 22:25	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 22:25	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 22:25	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 22:25	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 22:25	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 22:25	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 22:25	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 22:25	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 22:25	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 22:25	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 17:50	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 22:25	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 22:25	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 22:25	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 22:25	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 22:25	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 22:25	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 22:25	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 22:25	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 22:25	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 22:25	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 22:25	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 22:25	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 22:25	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 22:25	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 22:25	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 22:25	1

Client Sample ID: SW-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 22:25	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 22:25	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 22:25	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 22:25	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 22:25	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 22:25	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 22:25	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 22:25	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 22:25	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 22:25	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 22:25	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 22:25	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 22:25	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 22:25	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 22:25	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 22:25	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 22:25	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 22:25	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 22:25	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 22:25	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 22:25	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 22:25	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/17/25 22:25*	*1*
4-Bromofluorobenzene	*96*		*70 - 126*		*12/18/25 17:50*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/17/25 22:25*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/18/25 17:50*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/17/25 22:25*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/18/25 17:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.282	0.282	ug/L		12/12/25 11:54	12/13/25 00:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/12/25 11:54*	*12/13/25 00:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.80	0.412	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		12/15/25 10:16	12/16/25 15:39	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		12/15/25 10:16	12/16/25 15:39	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		12/15/25 10:16	12/16/25 15:39	1

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Client Sample ID: SW-5
Lab Sample ID: 752-40096-5
Date Collected: 12/09/25 15:35
Matrix: Water
Date Received: 12/10/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		9.80	0.824	ug/L		12/15/25 10:16	12/16/25 15:39	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		12/15/25 10:16	12/16/25 15:39	1
2-Methylphenol	ND		9.80	0.745	ug/L		12/15/25 10:16	12/16/25 15:39	1
2-Nitroaniline	ND		9.80	1.34	ug/L		12/15/25 10:16	12/16/25 15:39	1
2-Nitrophenol	ND		9.80	1.15	ug/L		12/15/25 10:16	12/16/25 15:39	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		12/15/25 10:16	12/16/25 15:39	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		12/15/25 10:16	12/16/25 15:39	1
3-Nitroaniline	ND		9.80	0.931	ug/L		12/15/25 10:16	12/16/25 15:39	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		12/15/25 10:16	12/16/25 15:39	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		12/15/25 10:16	12/16/25 15:39	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		12/15/25 10:16	12/16/25 15:39	1
4-Chloroaniline	ND		9.80	0.569	ug/L		12/15/25 10:16	12/16/25 15:39	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		12/15/25 10:16	12/16/25 15:39	1
4-Nitroaniline	ND		9.80	3.43	ug/L		12/15/25 10:16	12/16/25 15:39	1
4-Nitrophenol	ND		9.80	2.69	ug/L		12/15/25 10:16	12/16/25 15:39	1
Acenaphthene	ND		9.80	0.618	ug/L		12/15/25 10:16	12/16/25 15:39	1
Acenaphthylene	ND		9.80	0.745	ug/L		12/15/25 10:16	12/16/25 15:39	1
Acetophenone	ND		9.80	3.14	ug/L		12/15/25 10:16	12/16/25 15:39	1
Anthracene	ND		9.80	0.892	ug/L		12/15/25 10:16	12/16/25 15:39	1
Atrazine	ND		9.80	1.11	ug/L		12/15/25 10:16	12/16/25 15:39	1
Benzaldehyde	ND		9.80	0.657	ug/L		12/15/25 10:16	12/16/25 15:39	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		12/15/25 10:16	12/16/25 15:39	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		12/15/25 10:16	12/16/25 15:39	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		12/15/25 10:16	12/16/25 15:39	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		12/15/25 10:16	12/16/25 15:39	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		12/15/25 10:16	12/16/25 15:39	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		12/15/25 10:16	12/16/25 15:39	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		12/15/25 10:16	12/16/25 15:39	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		12/15/25 10:16	12/16/25 15:39	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		12/15/25 10:16	12/16/25 15:39	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		12/15/25 10:16	12/16/25 15:39	1
Caprolactam	ND		9.80	2.35	ug/L		12/15/25 10:16	12/16/25 15:39	1
Carbazole	ND		9.80	0.314	ug/L		12/15/25 10:16	12/16/25 15:39	1
Chrysene	ND		9.80	1.18	ug/L		12/15/25 10:16	12/16/25 15:39	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		12/15/25 10:16	12/16/25 15:39	1
Dibenzofuran	ND		9.80	0.627	ug/L		12/15/25 10:16	12/16/25 15:39	1
Diethyl phthalate	ND		9.80	3.92	ug/L		12/15/25 10:16	12/16/25 15:39	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		12/15/25 10:16	12/16/25 15:39	1
Di-n-butyl phthalate	ND		9.80	8.03	ug/L		12/15/25 10:16	12/16/25 15:39	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		12/15/25 10:16	12/16/25 15:39	1
Fluoranthene	ND		9.80	0.618	ug/L		12/15/25 10:16	12/16/25 15:39	1
Fluorene	ND		9.80	0.657	ug/L		12/15/25 10:16	12/16/25 15:39	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		12/15/25 10:16	12/16/25 15:39	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		12/15/25 10:16	12/16/25 15:39	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		12/15/25 10:16	12/16/25 15:39	1
Hexachloroethane	ND		9.80	0.520	ug/L		12/15/25 10:16	12/16/25 15:39	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		12/15/25 10:16	12/16/25 15:39	1
Isophorone	ND		9.80	0.784	ug/L		12/15/25 10:16	12/16/25 15:39	1
Naphthalene	ND		9.80	0.735	ug/L		12/15/25 10:16	12/16/25 15:39	1

Client Sample ID: SW-5

Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		9.80	0.588	ug/L		12/15/25 10:16	12/16/25 15:39	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		12/15/25 10:16	12/16/25 15:39	1
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		12/15/25 10:16	12/16/25 15:39	1
Pentachlorophenol	ND		9.80	2.75	ug/L		12/15/25 10:16	12/16/25 15:39	1
Phenanthrene	ND		9.80	0.725	ug/L		12/15/25 10:16	12/16/25 15:39	1
Phenol	ND		9.80	0.667	ug/L		12/15/25 10:16	12/16/25 15:39	1
Pyrene	ND		9.80	0.618	ug/L		12/15/25 10:16	12/16/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*12/15/25 10:16*	*12/16/25 15:39*	*1*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*	*12/15/25 10:16*	*12/16/25 15:39*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*12/15/25 10:16*	*12/16/25 15:39*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*12/15/25 10:16*	*12/16/25 15:39*	*1*
Phenol-d5 (Surr)	*66*		*10 - 150*	*12/15/25 10:16*	*12/16/25 15:39*	*1*
Terphenyl-d14 (Surr)	*52*		*28 - 150*	*12/15/25 10:16*	*12/16/25 15:39*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.5**		1.00	0.767	mg/L			12/18/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:29	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:29	1
Barium	**32.7**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:29	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:12	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:29	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:29	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:29	1
Copper	**2.43**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:29	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:29	1
Manganese	**53.4**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:29	1
Nickel	**1.39**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:29	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:29	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:29	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:12	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:29	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:29	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		12/15/25 18:29	12/16/25 00:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0320**	**J**	0.100	0.0184	mg/L			12/20/25 00:22	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 09:57	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:15	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: SW-6
Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 22:50	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 22:50	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 22:50	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 22:50	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 22:50	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 22:50	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 22:50	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 22:50	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 22:50	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 22:50	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 22:50	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 22:50	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 22:50	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 22:50	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 22:50	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 22:50	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 22:50	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 22:50	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 22:50	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 22:50	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 22:50	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 22:50	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 22:50	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 22:50	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 22:50	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 22:50	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 22:50	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 22:50	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 22:50	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 22:50	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 22:50	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 18:14	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 22:50	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 22:50	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 22:50	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 22:50	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 22:50	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 22:50	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 22:50	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 22:50	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 22:50	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 22:50	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 22:50	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 22:50	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 22:50	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 22:50	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 22:50	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 22:50	1

Client Sample ID: SW-6
Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 22:50	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 22:50	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 22:50	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 22:50	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 22:50	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 22:50	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 22:50	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 22:50	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 22:50	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 22:50	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 22:50	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 22:50	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 22:50	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 22:50	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 22:50	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 22:50	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 22:50	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 22:50	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 22:50	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 22:50	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 22:50	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 22:50	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/17/25 22:50*	*1*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/18/25 18:14*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/17/25 22:50*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/18/25 18:14*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/17/25 22:50*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 18:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.282	0.282	ug/L		12/12/25 11:54	12/13/25 00:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/12/25 11:54*	*12/13/25 00:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/15/25 10:16	12/16/25 16:12	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/15/25 10:16	12/16/25 16:12	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/15/25 10:16	12/16/25 16:12	1

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

Job ID: 752-40096-1

Client Sample ID: SW-6
Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.2	0.854	ug/L		12/15/25 10:16	12/16/25 16:12	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/15/25 10:16	12/16/25 16:12	1
2-Methylphenol	ND		10.2	0.773	ug/L		12/15/25 10:16	12/16/25 16:12	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/15/25 10:16	12/16/25 16:12	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/15/25 10:16	12/16/25 16:12	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/15/25 10:16	12/16/25 16:12	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/15/25 10:16	12/16/25 16:12	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/15/25 10:16	12/16/25 16:12	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/15/25 10:16	12/16/25 16:12	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/15/25 10:16	12/16/25 16:12	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/15/25 10:16	12/16/25 16:12	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/15/25 10:16	12/16/25 16:12	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/15/25 10:16	12/16/25 16:12	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/15/25 10:16	12/16/25 16:12	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/15/25 10:16	12/16/25 16:12	1
Acenaphthene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 16:12	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/15/25 10:16	12/16/25 16:12	1
Acetophenone	ND		10.2	3.25	ug/L		12/15/25 10:16	12/16/25 16:12	1
Anthracene	ND		10.2	0.925	ug/L		12/15/25 10:16	12/16/25 16:12	1
Atrazine	ND		10.2	1.15	ug/L		12/15/25 10:16	12/16/25 16:12	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/15/25 10:16	12/16/25 16:12	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:16	12/16/25 16:12	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 16:12	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 16:12	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 16:12	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/15/25 10:16	12/16/25 16:12	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/15/25 10:16	12/16/25 16:12	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/15/25 10:16	12/16/25 16:12	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/15/25 10:16	12/16/25 16:12	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 16:12	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 16:12	1
Caprolactam	ND		10.2	2.44	ug/L		12/15/25 10:16	12/16/25 16:12	1
Carbazole	ND		10.2	0.325	ug/L		12/15/25 10:16	12/16/25 16:12	1
Chrysene	ND		10.2	1.22	ug/L		12/15/25 10:16	12/16/25 16:12	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/15/25 10:16	12/16/25 16:12	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/15/25 10:16	12/16/25 16:12	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 16:12	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 16:12	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/15/25 10:16	12/16/25 16:12	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:16	12/16/25 16:12	1
Fluoranthene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 16:12	1
Fluorene	ND		10.2	0.681	ug/L		12/15/25 10:16	12/16/25 16:12	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/15/25 10:16	12/16/25 16:12	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/15/25 10:16	12/16/25 16:12	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/15/25 10:16	12/16/25 16:12	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/15/25 10:16	12/16/25 16:12	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:16	12/16/25 16:12	1
Isophorone	ND		10.2	0.814	ug/L		12/15/25 10:16	12/16/25 16:12	1
Naphthalene	ND		10.2	0.763	ug/L		12/15/25 10:16	12/16/25 16:12	1

Client Sample ID: SW-6

Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.2	0.610	ug/L		12/15/25 10:16	12/16/25 16:12	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/15/25 10:16	12/16/25 16:12	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/15/25 10:16	12/16/25 16:12	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/15/25 10:16	12/16/25 16:12	1
Phenanthrene	ND		10.2	0.753	ug/L		12/15/25 10:16	12/16/25 16:12	1
Phenol	ND		10.2	0.692	ug/L		12/15/25 10:16	12/16/25 16:12	1
Pyrene	ND		10.2	0.641	ug/L		12/15/25 10:16	12/16/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*12/15/25 10:16*	*12/16/25 16:12*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*12/15/25 10:16*	*12/16/25 16:12*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*12/15/25 10:16*	*12/16/25 16:12*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*12/15/25 10:16*	*12/16/25 16:12*	*1*
Phenol-d5 (Surr)	*66*		*10 - 150*	*12/15/25 10:16*	*12/16/25 16:12*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*12/15/25 10:16*	*12/16/25 16:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.5**		1.00	0.767	mg/L			12/18/25 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:32	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:32	1
Barium	**32.6**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:32	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:15	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:32	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:32	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:32	1
Copper	**2.28**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:32	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:32	1
Manganese	**53.8**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:32	1
Nickel	**1.72**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:32	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:32	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:32	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:15	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:32	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**13.5**		0.400	0.0736	mg/L			12/22/25 18:05	4
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 09:58	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:16	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: SW-Dup
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 23:15	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 23:15	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 23:15	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 23:15	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 23:15	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 23:15	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 23:15	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 23:15	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 23:15	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 23:15	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 23:15	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 23:15	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 23:15	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 23:15	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 23:15	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 23:15	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 23:15	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 23:15	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 23:15	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 23:15	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 23:15	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 23:15	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 23:15	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 23:15	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 23:15	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 23:15	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 23:15	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 23:15	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 23:15	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 23:15	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 23:15	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 18:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 23:15	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 23:15	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 23:15	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 23:15	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 23:15	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 23:15	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 23:15	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 23:15	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 23:15	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 23:15	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 23:15	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 23:15	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 23:15	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 23:15	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 23:15	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 23:15	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 23:15	1

Client Sample ID: SW-Dup
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 23:15	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 23:15	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 23:15	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 23:15	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 23:15	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 23:15	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 23:15	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 23:15	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 23:15	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 23:15	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 23:15	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 23:15	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 23:15	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 23:15	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 23:15	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 23:15	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 23:15	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 23:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 23:15	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 23:15	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 23:15	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 23:15	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 23:15	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/17/25 23:15*	*1*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/18/25 18:38*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/17/25 23:15*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/18/25 18:38*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/17/25 23:15*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/18/25 18:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		12/12/25 11:54	12/13/25 01:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 140*	*12/12/25 11:54*	*12/13/25 01:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/15/25 10:16	12/16/25 16:46	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/15/25 10:16	12/16/25 16:46	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/15/25 10:16	12/16/25 16:46	1

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Client Sample ID: SW-Dup
Lab Sample ID: 752-40096-7
Date Collected: 12/09/25 00:00
Matrix: Water
Date Received: 12/10/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.0	0.840	ug/L		12/15/25 10:16	12/16/25 16:46	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/15/25 10:16	12/16/25 16:46	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/15/25 10:16	12/16/25 16:46	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/15/25 10:16	12/16/25 16:46	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/15/25 10:16	12/16/25 16:46	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/15/25 10:16	12/16/25 16:46	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/15/25 10:16	12/16/25 16:46	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/15/25 10:16	12/16/25 16:46	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/15/25 10:16	12/16/25 16:46	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/15/25 10:16	12/16/25 16:46	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/15/25 10:16	12/16/25 16:46	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/15/25 10:16	12/16/25 16:46	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/15/25 10:16	12/16/25 16:46	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/15/25 10:16	12/16/25 16:46	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/15/25 10:16	12/16/25 16:46	1
Acenaphthene	ND		10.0	0.630	ug/L		12/15/25 10:16	12/16/25 16:46	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/15/25 10:16	12/16/25 16:46	1
Acetophenone	ND		10.0	3.20	ug/L		12/15/25 10:16	12/16/25 16:46	1
Anthracene	ND		10.0	0.910	ug/L		12/15/25 10:16	12/16/25 16:46	1
Atrazine	ND		10.0	1.13	ug/L		12/15/25 10:16	12/16/25 16:46	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/15/25 10:16	12/16/25 16:46	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/15/25 10:16	12/16/25 16:46	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:16	12/16/25 16:46	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/15/25 10:16	12/16/25 16:46	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/15/25 10:16	12/16/25 16:46	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/15/25 10:16	12/16/25 16:46	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/15/25 10:16	12/16/25 16:46	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/15/25 10:16	12/16/25 16:46	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/15/25 10:16	12/16/25 16:46	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 16:46	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 16:46	1
Caprolactam	ND		10.0	2.40	ug/L		12/15/25 10:16	12/16/25 16:46	1
Carbazole	ND		10.0	0.320	ug/L		12/15/25 10:16	12/16/25 16:46	1
Chrysene	ND		10.0	1.20	ug/L		12/15/25 10:16	12/16/25 16:46	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/15/25 10:16	12/16/25 16:46	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/15/25 10:16	12/16/25 16:46	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 16:46	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 16:46	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/15/25 10:16	12/16/25 16:46	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:16	12/16/25 16:46	1
Fluoranthene	ND		10.0	0.630	ug/L		12/15/25 10:16	12/16/25 16:46	1
Fluorene	ND		10.0	0.670	ug/L		12/15/25 10:16	12/16/25 16:46	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/15/25 10:16	12/16/25 16:46	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/15/25 10:16	12/16/25 16:46	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/15/25 10:16	12/16/25 16:46	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/15/25 10:16	12/16/25 16:46	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:16	12/16/25 16:46	1
Isophorone	ND		10.0	0.800	ug/L		12/15/25 10:16	12/16/25 16:46	1
Naphthalene	ND		10.0	0.750	ug/L		12/15/25 10:16	12/16/25 16:46	1

Client Sample ID: SW-Dup
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.0	0.600	ug/L		12/15/25 10:16	12/16/25 16:46	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/15/25 10:16	12/16/25 16:46	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/15/25 10:16	12/16/25 16:46	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/15/25 10:16	12/16/25 16:46	1
Phenanthrene	ND		10.0	0.740	ug/L		12/15/25 10:16	12/16/25 16:46	1
Phenol	ND		10.0	0.680	ug/L		12/15/25 10:16	12/16/25 16:46	1
Pyrene	ND		10.0	0.630	ug/L		12/15/25 10:16	12/16/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*12/15/25 10:16*	*12/16/25 16:46*	*1*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*	*12/15/25 10:16*	*12/16/25 16:46*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*12/15/25 10:16*	*12/16/25 16:46*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*12/15/25 10:16*	*12/16/25 16:46*	*1*
Phenol-d5 (Surr)	*65*		*10 - 150*	*12/15/25 10:16*	*12/16/25 16:46*	*1*
Terphenyl-d14 (Surr)	*62*		*28 - 150*	*12/15/25 10:16*	*12/16/25 16:46*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.4**		1.00	0.767	mg/L			12/18/25 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:34	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:34	1
Barium	**32.8**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:34	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:18	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:34	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:34	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:34	1
Copper	**2.16**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:34	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:34	1
Manganese	**57.2**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:34	1
Nickel	**1.42**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:34	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:34	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:34	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:18	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:34	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**18.6**		0.500	0.0920	mg/L			12/23/25 11:32	5
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 10:00	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:17	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

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

Job ID: 752-40096-1

Client Sample ID: Trip Blank
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 23:40	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 23:40	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 23:40	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 23:40	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 23:40	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 23:40	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 23:40	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 23:40	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 23:40	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 23:40	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 23:40	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 23:40	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 23:40	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 23:40	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 23:40	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 23:40	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 23:40	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 23:40	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 23:40	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 23:40	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 23:40	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 23:40	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 23:40	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 23:40	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 23:40	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 23:40	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 23:40	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 23:40	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 23:40	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 23:40	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 23:40	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 19:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 23:40	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 23:40	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 23:40	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 23:40	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 23:40	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 23:40	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 23:40	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 23:40	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 23:40	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 23:40	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 23:40	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 23:40	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 23:40	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 23:40	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 23:40	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 23:40	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 23:40	1

Client Sample ID: Trip Blank
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40096-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 23:40	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 23:40	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 23:40	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 23:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 23:40	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 23:40	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 23:40	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 23:40	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 23:40	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 23:40	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 23:40	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 23:40	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 23:40	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 23:40	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 23:40	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 23:40	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 23:40	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 23:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 23:40	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 23:40	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 23:40	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 23:40	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 23:40	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/17/25 23:40*	*1*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/18/25 19:02*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/17/25 23:40*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/18/25 19:02*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/17/25 23:40*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 19:02*	*1*

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

Job ID: 752-40096-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB	DBFM	TOL						
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)						
752-40096-1	SW-1	94	103	102						
752-40096-1	SW-1	94	101	90						
752-40096-2	SW-2	92	102	99						
752-40096-2	SW-2	92	99	98						
752-40096-2 DU	SW-2	84	101	99						
752-40096-3	SW-3	93	103	101						
752-40096-3	SW-3	105	99	98						
752-40096-3 MS	SW-3	97	101	100						
752-40096-4	SW-4	94	100	98						
752-40096-4	SW-4	93	114	99						
752-40096-5	SW-5	93	100	99						
752-40096-5	SW-5	96	101	98						
752-40096-6	SW-6	93	101	100						
752-40096-6	SW-6	94	100	99						
752-40096-7	SW-Dup	93	102	100						
752-40096-7	SW-Dup	91	101	100						
752-40096-8	Trip Blank	94	100	98						
752-40096-8	Trip Blank	95	101	99						
LCS 705-102332/1002	Lab Control Sample	102	98	101						
LCS 705-102332/1003	Lab Control Sample	93	98	98						
LCS 705-102601/1001	Lab Control Sample	102	99	98						
LCS 705-102601/1003	Lab Control Sample	94	104	99						
MB 705-102332/5	Method Blank	95	103	100						
MB 705-102601/9	Method Blank	95	102	99						

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)		
752-40096-1	SW-1	72	64	76	63	73	55		
752-40096-2	SW-2	73	64	75	66	71	57		
752-40096-3	SW-3	74	70	73	68	72	58		
752-40096-4	SW-4	71	65	72	67	72	57		
752-40096-5	SW-5	66	68	66	68	66	52		
752-40096-6	SW-6	69	64	67	63	66	58		
752-40096-7	SW-Dup	77	68	69	68	65	62		
LCS 400-733807/2-A	Lab Control Sample	73	62	51	63	47	65		
LCSD 400-733807/3-A	Lab Control Sample Dup	82	68	64	70	61	71		
MB 400-733807/1-A	Method Blank	83	69	62	70	55	70		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

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

Job ID: 752-40096-1

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)**						
752-40096-1	SW-1	33						
752-40096-2	SW-2	41						
752-40096-3	SW-3	36						
752-40096-4	SW-4	38						
752-40096-5	SW-5	37						
752-40096-6	SW-6	37						
752-40096-7	SW-Dup	36						
LCS 400-733633/2-A	Lab Control Sample	48						
LCSD 400-733633/3-A	Lab Control Sample Dup	50						
MB 400-733633/1-A	Method Blank	37						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 14:30	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 14:30	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 14:30	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 14:30	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 14:30	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 14:30	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 14:30	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 14:30	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 14:30	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 14:30	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 14:30	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 14:30	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 14:30	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 14:30	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 14:30	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 14:30	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 14:30	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 14:30	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 14:30	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 14:30	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 14:30	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 14:30	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 14:30	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 14:30	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 14:30	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 14:30	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 14:30	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 14:30	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 14:30	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 14:30	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 14:30	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/17/25 14:30	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 14:30	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 14:30	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 14:30	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 14:30	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 14:30	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 14:30	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 14:30	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 14:30	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 14:30	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 14:30	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 14:30	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 14:30	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 14:30	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 14:30	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 14:30	1

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

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 14:30	1
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 14:30	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 14:30	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 14:30	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 14:30	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 14:30	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 14:30	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 14:30	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 14:30	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 14:30	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 14:30	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 14:30	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 14:30	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 14:30	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 14:30	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 14:30	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 14:30	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 14:30	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 14:30	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 14:30	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 14:30	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 14:30	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/17/25 14:30*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/17/25 14:30*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/17/25 14:30*	*1*

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	34.62		ug/L		87	62 - 136
Benzene	20.0	20.80		ug/L		104	76 - 122
Bromobenzene	20.0	20.13		ug/L		101	77 - 125
Bromoform	20.0	20.08		ug/L		100	65 - 129
Bromomethane	20.0	20.59		ug/L		103	60 - 138
2-Butanone (MEK)	40.0	36.34		ug/L		91	74 - 131
Carbon disulfide	20.0	21.41		ug/L		107	71 - 122
Carbon tetrachloride	20.0	21.90		ug/L		110	72 - 131
Chlorobenzene	20.0	21.18		ug/L		106	75 - 121
Chlorobromomethane	20.0	20.48		ug/L		102	77 - 120
Chlorodibromomethane	20.0	20.01		ug/L		100	70 - 131
Chloroethane	20.0	20.73		ug/L		104	55 - 138

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

Lab Sample ID: LCS 705-102332/1002
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 102332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	20.77		ug/L		104	73 - 121
Chloromethane	20.0	21.31		ug/L		107	57 - 129
2-Chlorotoluene	20.0	21.22		ug/L		106	75 - 123
4-Chlorotoluene	20.0	21.80		ug/L		109	76 - 124
cis-1,2-Dichloroethene	20.0	20.61		ug/L		103	76 - 121
cis-1,3-Dichloropropene	20.0	20.65		ug/L		103	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.86		ug/L		89	64 - 125
Dibromomethane	20.0	19.09		ug/L		95	70 - 130
1,2-Dichlorobenzene	20.0	20.80		ug/L		104	69 - 127
1,3-Dichlorobenzene	20.0	21.33		ug/L		107	68 - 128
1,4-Dichlorobenzene	20.0	20.22		ug/L		101	68 - 126
Dichlorobromomethane	20.0	20.20		ug/L		101	70 - 124
1,1-Dichloroethane	20.0	21.04		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.64		ug/L		98	72 - 127
1,1-Dichloroethene	20.0	20.69		ug/L		103	69 - 130
1,2-Dichloropropane	20.0	20.44		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	19.69		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	22.75		ug/L		114	71 - 131
1,1-Dichloropropene	20.0	21.94		ug/L		110	74 - 129
Ethylbenzene	20.0	21.04		ug/L		105	75 - 127
Ethylene Dibromide	20.0	19.74		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	21.97		ug/L		110	65 - 137
Hexane	20.0	23.57		ug/L		118	25 - 150
2-Hexanone	40.0	37.34		ug/L		93	70 - 130
Iodomethane	20.0	16.39		ug/L		82	50 - 150
Isopropylbenzene	20.0	22.38		ug/L		112	76 - 125
4-Isopropyltoluene	20.0	23.07		ug/L		115	78 - 126
Methylene Chloride	20.0	19.94		ug/L		100	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.13		ug/L		95	76 - 122
Methyl tert-butyl ether	20.0	18.70		ug/L		94	76 - 123
m-Xylene & p-Xylene	20.0	21.13		ug/L		106	76 - 128
Naphthalene	20.0	18.77		ug/L		94	67 - 129
n-Butylbenzene	20.0	22.66		ug/L		113	71 - 131
n-Heptane	20.0	25.09		ug/L		125	25 - 150
N-Propylbenzene	20.0	22.01		ug/L		110	75 - 127
o-Xylene	20.0	21.12		ug/L		106	78 - 124
sec-Butylbenzene	20.0	23.46		ug/L		117	74 - 127
Styrene	20.0	22.29		ug/L		111	71 - 129
tert-Butylbenzene	20.0	22.65		ug/L		113	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.76		ug/L		104	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.14		ug/L		96	73 - 127
Tetrachloroethene	20.0	22.66		ug/L		113	74 - 129
Toluene	20.0	21.26		ug/L		106	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.28		ug/L		96	50 - 150
trans-1,2-Dichloroethene	20.0	20.87		ug/L		104	74 - 124
trans-1,3-Dichloropropene	20.0	19.95		ug/L		100	59 - 135
1,2,3-Trichlorobenzene	20.0	20.43		ug/L		102	65 - 130
1,2,4-Trichlorobenzene	20.0	20.47		ug/L		102	65 - 131
1,1,1-Trichloroethane	20.0	21.21		ug/L		106	71 - 124

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

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	19.38		ug/L		97	69 - 127
Trichloroethene	20.0	20.97		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	22.34		ug/L		112	63 - 142
1,2,3-Trichloropropane	20.0	18.44		ug/L		92	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.85		ug/L		114	74 - 122
1,2,4-Trimethylbenzene	20.0	22.39		ug/L		112	80 - 123
1,3,5-Trimethylbenzene	20.0	22.35		ug/L		112	79 - 124
Vinyl acetate	40.0	42.36		ug/L		106	50 - 150
Vinyl chloride	20.0	21.83		ug/L		109	65 - 132
Xylenes, Total	40.0	42.25		ug/L		106	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: LCS 705-102332/1003
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropyl ether	20.0	15.96		ug/L		80	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/18/25 12:38	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 12:38	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 12:38	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 12:38	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 12:38	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 12:38	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 12:38	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 12:38	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 12:38	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 12:38	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 12:38	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 12:38	1
Chloroform	ND		1.00	0.216	ug/L			12/18/25 12:38	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 12:38	1

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

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 12:38	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 12:38	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 12:38	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 12:38	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 12:38	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 12:38	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 12:38	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 12:38	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 12:38	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 12:38	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 12:38	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 12:38	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 12:38	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 12:38	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 12:38	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 12:38	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 12:38	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 12:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 12:38	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 12:38	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 12:38	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 12:38	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 12:38	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 12:38	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 12:38	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 12:38	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 12:38	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 12:38	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 12:38	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 12:38	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 12:38	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 12:38	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 12:38	1
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 12:38	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 12:38	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 12:38	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 12:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 12:38	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 12:38	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 12:38	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 12:38	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 12:38	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 12:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 12:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 12:38	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 12:38	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 12:38	1

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

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 12:38	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 12:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 12:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 12:38	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 12:38	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/18/25 12:38*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/18/25 12:38*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 12:38*	*1*

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	38.84		ug/L		97	62 - 136
Benzene	20.0	18.60		ug/L		93	76 - 122
Bromobenzene	20.0	18.42		ug/L		92	77 - 125
Bromoform	20.0	19.04		ug/L		95	65 - 129
Bromomethane	20.0	20.91		ug/L		105	60 - 138
2-Butanone (MEK)	40.0	36.43		ug/L		91	74 - 131
Carbon disulfide	20.0	19.65		ug/L		98	71 - 122
Carbon tetrachloride	20.0	18.53		ug/L		93	72 - 131
Chlorobenzene	20.0	18.79		ug/L		94	75 - 121
Chlorobromomethane	20.0	19.46		ug/L		97	77 - 120
Chlorodibromomethane	20.0	18.80		ug/L		94	70 - 131
Chloroethane	20.0	23.62		ug/L		118	55 - 138
Chloroform	20.0	18.67		ug/L		93	73 - 121
Chloromethane	20.0	23.16		ug/L		116	57 - 129
2-Chlorotoluene	20.0	17.88		ug/L		89	75 - 123
4-Chlorotoluene	20.0	18.51		ug/L		93	76 - 124
cis-1,2-Dichloroethene	20.0	18.62		ug/L		93	76 - 121
cis-1,3-Dichloropropene	20.0	19.52		ug/L		98	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.86		ug/L		99	64 - 125
Dibromomethane	20.0	19.21		ug/L		96	70 - 130
1,2-Dichlorobenzene	20.0	18.24		ug/L		91	69 - 127
1,3-Dichlorobenzene	20.0	18.50		ug/L		93	68 - 128
1,4-Dichlorobenzene	20.0	18.41		ug/L		92	68 - 126
Dichlorobromomethane	20.0	19.87		ug/L		99	70 - 124
1,1-Dichloroethane	20.0	22.44		ug/L		112	65 - 126
1,2-Dichloroethane	20.0	18.95		ug/L		95	72 - 127
1,1-Dichloroethene	20.0	20.32		ug/L		102	69 - 130
1,2-Dichloropropane	20.0	19.32		ug/L		97	71 - 121
1,3-Dichloropropane	20.0	19.67		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	19.92		ug/L		100	71 - 131

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

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloropropene	20.0	18.10		ug/L		91	74 - 129
Ethylbenzene	20.0	17.81		ug/L		89	75 - 127
Ethylene Dibromide	20.0	19.27		ug/L		96	68 - 133
Hexachlorobutadiene	20.0	18.71		ug/L		94	65 - 137
Hexane	20.0	21.94		ug/L		110	25 - 150
2-Hexanone	40.0	42.47		ug/L		106	70 - 130
Iodomethane	20.0	20.66		ug/L		103	50 - 150
Isopropylbenzene	20.0	16.44		ug/L		82	76 - 125
4-Isopropyltoluene	20.0	17.81		ug/L		89	78 - 126
Methylene Chloride	20.0	21.05		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.77		ug/L		97	76 - 122
Methyl tert-butyl ether	20.0	22.47		ug/L		112	76 - 123
m-Xylene & p-Xylene	20.0	19.02		ug/L		95	76 - 128
Naphthalene	20.0	16.82		ug/L		84	67 - 129
n-Butylbenzene	20.0	17.88		ug/L		89	71 - 131
n-Heptane	20.0	21.44		ug/L		107	25 - 150
N-Propylbenzene	20.0	18.47		ug/L		92	75 - 127
o-Xylene	20.0	17.12		ug/L		86	78 - 124
sec-Butylbenzene	20.0	17.85		ug/L		89	74 - 127
Styrene	20.0	18.83		ug/L		94	71 - 129
tert-Butylbenzene	20.0	18.24		ug/L		91	72 - 127
1,1,1,2-Tetrachloroethane	20.0	16.57		ug/L		83	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.47		ug/L		97	73 - 127
Tetrachloroethene	20.0	20.12		ug/L		101	74 - 129
Toluene	20.0	18.66		ug/L		93	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.32		ug/L		92	50 - 150
trans-1,2-Dichloroethene	20.0	21.42		ug/L		107	74 - 124
trans-1,3-Dichloropropene	20.0	19.67		ug/L		98	59 - 135
1,2,3-Trichlorobenzene	20.0	17.70		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	17.84		ug/L		89	65 - 131
1,1,1-Trichloroethane	20.0	18.92		ug/L		95	71 - 124
1,1,2-Trichloroethane	20.0	18.96		ug/L		95	69 - 127
Trichloroethene	20.0	18.62		ug/L		93	72 - 129
1,2,3-Trichloropropane	20.0	20.20		ug/L		101	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.82		ug/L		109	74 - 122
1,2,4-Trimethylbenzene	20.0	18.26		ug/L		91	80 - 123
1,3,5-Trimethylbenzene	20.0	18.46		ug/L		92	79 - 124
Vinyl chloride	20.0	22.10		ug/L		111	65 - 132
Xylenes, Total	40.0	36.14		ug/L		90	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

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

Lab Sample ID: LCS 705-102601/1003
Matrix: Water
Analysis Batch: 102601

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	44.64		ug/L		112	25 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: 752-40096-3 MS
Matrix: Water
Analysis Batch: 102601

Client Sample ID: SW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone	ND		40.0	47.89		ug/L		120	50 - 150		
Benzene	ND		20.0	20.86		ug/L		104	71 - 133		
Bromobenzene	ND		20.0	20.68		ug/L		103	73 - 130		
Bromoform	ND		20.0	19.61		ug/L		98	59 - 130		
Bromomethane	ND		20.0	22.52		ug/L		113	50 - 150		
2-Butanone (MEK)	ND		40.0	44.89		ug/L		112	50 - 150		
Carbon disulfide	ND		20.0	21.21		ug/L		106	50 - 150		
Carbon tetrachloride	ND		20.0	20.75		ug/L		104	70 - 139		
Chlorobenzene	ND		20.0	19.57		ug/L		98	78 - 128		
Chlorobromomethane	ND		20.0	21.53		ug/L		108	70 - 133		
Chlorodibromomethane	ND		20.0	19.72		ug/L		99	69 - 130		
Chloroethane	ND		20.0	25.88		ug/L		129	50 - 150		
Chloroform	ND		20.0	20.41		ug/L		102	70 - 132		
Chloromethane	ND		20.0	22.88		ug/L		114	50 - 150		
2-Chlorotoluene	ND		20.0	19.38		ug/L		97	70 - 131		
4-Chlorotoluene	ND		20.0	20.31		ug/L		102	72 - 130		
cis-1,2-Dichloroethene	ND		20.0	19.95		ug/L		100	72 - 133		
cis-1,3-Dichloropropene	ND		20.0	20.82		ug/L		104	70 - 128		
1,2-Dibromo-3-Chloropropane	ND		20.0	24.28		ug/L		121	63 - 127		
Dibromomethane	ND		20.0	20.92		ug/L		105	72 - 130		
1,2-Dichlorobenzene	ND		20.0	20.05		ug/L		100	76 - 125		
1,3-Dichlorobenzene	ND		20.0	19.78		ug/L		99	76 - 126		
1,4-Dichlorobenzene	ND		20.0	19.39		ug/L		97	76 - 124		
Dichlorobromomethane	ND		20.0	20.65		ug/L		103	68 - 133		
1,1-Dichloroethane	ND		20.0	22.86		ug/L		114	70 - 133		
1,2-Dichloroethane	ND		20.0	21.19		ug/L		106	71 - 133		
1,1-Dichloroethene	ND		20.0	21.81		ug/L		109	69 - 139		
1,2-Dichloropropane	ND		20.0	21.32		ug/L		107	69 - 132		
1,3-Dichloropropane	ND		20.0	19.47		ug/L		97	72 - 131		
2,2-Dichloropropane	ND		20.0	22.07		ug/L		110	63 - 138		
1,1-Dichloropropene	ND		20.0	21.61		ug/L		108	77 - 138		
Ethyl acetate	ND	F1	40.0	67.91	F1	ug/L		170	50 - 150		
Ethylbenzene	ND		20.0	18.25		ug/L		91	75 - 131		
Ethylene Dibromide	ND		20.0	19.92		ug/L		100	76 - 129		
Hexachlorobutadiene	ND		20.0	20.61		ug/L		103	65 - 138		
Hexane	ND		20.0	22.06		ug/L		110	50 - 150		

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

Lab Sample ID: 752-40096-3 MS
Matrix: Water
Analysis Batch: 102601

Client Sample ID: SW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	ND		40.0	42.27		ug/L		106	50 - 150
Iodomethane	ND		20.0	21.33		ug/L		107	50 - 150
Isopropylbenzene	ND		20.0	18.98		ug/L		95	73 - 135
4-Isopropyltoluene	ND		20.0	20.70		ug/L		104	74 - 132
Methylene Chloride	ND		20.0	21.56		ug/L		108	66 - 132
4-Methyl-2-pentanone (MIBK)	ND		40.0	42.65		ug/L		107	50 - 150
Methyl tert-butyl ether	ND		20.0	22.40		ug/L		112	70 - 130
m-Xylene & p-Xylene	ND		20.0	18.89		ug/L		94	73 - 133
Naphthalene	ND		20.0	19.49		ug/L		97	63 - 134
n-Butylbenzene	ND		20.0	20.61		ug/L		103	70 - 136
n-Heptane	ND		20.0	23.68		ug/L		118	50 - 150
N-Propylbenzene	ND		20.0	20.65		ug/L		103	72 - 135
o-Xylene	ND		20.0	18.22		ug/L		91	73 - 132
sec-Butylbenzene	ND		20.0	20.32		ug/L		102	71 - 134
Styrene	ND		20.0	19.31		ug/L		97	73 - 133
tert-Butylbenzene	ND		20.0	23.55		ug/L		118	70 - 134
1,1,1,2-Tetrachloroethane	ND		20.0	16.53		ug/L		83	69 - 133
1,1,2,2-Tetrachloroethane	ND		20.0	20.94		ug/L		105	68 - 132
Tetrachloroethene	ND		20.0	19.91		ug/L		100	74 - 135
Toluene	ND		20.0	20.55		ug/L		103	72 - 134
trans-1,4-Dichloro-2-butene	ND		20.0	19.94		ug/L		100	50 - 150
trans-1,2-Dichloroethene	ND		20.0	22.45		ug/L		112	71 - 132
trans-1,3-Dichloropropene	ND		20.0	20.94		ug/L		105	60 - 125
1,2,3-Trichlorobenzene	ND		20.0	20.19		ug/L		101	62 - 135
1,2,4-Trichlorobenzene	ND		20.0	20.15		ug/L		101	61 - 135
1,1,1-Trichloroethane	ND		20.0	21.42		ug/L		107	69 - 135
1,1,2-Trichloroethane	ND		20.0	20.71		ug/L		104	71 - 133
Trichloroethene	ND		20.0	20.91		ug/L		105	77 - 136
1,2,3-Trichloropropane	ND		20.0	20.75		ug/L		104	66 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	21.99		ug/L		110	50 - 150
1,2,4-Trimethylbenzene	ND		20.0	19.88		ug/L		99	74 - 133
1,3,5-Trimethylbenzene	ND		20.0	19.97		ug/L		100	75 - 132
Vinyl chloride	ND		20.0	24.11		ug/L		121	66 - 138
Xylenes, Total	ND		40.0	37.11		ug/L		93	74 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

Lab Sample ID: 752-40096-2 DU
Matrix: Water
Analysis Batch: 102601

Client Sample ID: SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	ND		ND		ug/L		NC	30
Benzene	ND		ND		ug/L		NC	30
Bromobenzene	ND		ND		ug/L		NC	30

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

Lab Sample ID: 752-40096-2 DU
Matrix: Water
Analysis Batch: 102601

Client Sample ID: SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Bromoform	ND			ND		ug/L				NC	30
Bromomethane	ND			ND		ug/L				NC	30
2-Butanone (MEK)	ND			ND		ug/L				NC	30
Carbon disulfide	ND			ND		ug/L				NC	30
Carbon tetrachloride	ND			ND		ug/L				NC	30
Chlorobenzene	ND			ND		ug/L				NC	30
Chlorobromomethane	ND			ND		ug/L				NC	30
Chlorodibromomethane	ND			ND		ug/L				NC	30
Chloroethane	ND			ND		ug/L				NC	30
Chloroform	ND			ND		ug/L				NC	30
Chloromethane	ND			ND		ug/L				NC	30
2-Chlorotoluene	ND			ND		ug/L				NC	30
4-Chlorotoluene	ND			ND		ug/L				NC	30
cis-1,2-Dichloroethene	ND			ND		ug/L				NC	30
cis-1,3-Dichloropropene	ND			ND		ug/L				NC	30
1,2-Dibromo-3-Chloropropane	ND			ND		ug/L				NC	30
Dibromomethane	ND			ND		ug/L				NC	30
1,2-Dichlorobenzene	ND			ND		ug/L				NC	30
1,3-Dichlorobenzene	ND			ND		ug/L				NC	30
1,4-Dichlorobenzene	ND			ND		ug/L				NC	30
Dichlorobromomethane	ND			ND		ug/L				NC	30
1,1-Dichloroethane	ND			ND		ug/L				NC	30
1,2-Dichloroethane	ND			ND		ug/L				NC	30
1,1-Dichloroethene	ND			ND		ug/L				NC	30
1,2-Dichloropropane	ND			ND		ug/L				NC	30
1,3-Dichloropropane	ND			ND		ug/L				NC	30
2,2-Dichloropropane	ND			ND		ug/L				NC	30
1,1-Dichloropropene	ND			ND		ug/L				NC	30
Ethyl acetate	ND			ND		ug/L				NC	30
Ethylbenzene	ND			ND		ug/L				NC	30
Ethylene Dibromide	ND			ND		ug/L				NC	30
Hexachlorobutadiene	ND			ND		ug/L				NC	30
Hexane	ND			ND		ug/L				NC	30
2-Hexanone	ND			ND		ug/L				NC	30
Iodomethane	ND			ND		ug/L				NC	30
Isopropylbenzene	ND			ND		ug/L				NC	30
4-Isopropyltoluene	ND			ND		ug/L				NC	30
Methylene Chloride	ND			ND		ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	ND			ND		ug/L				NC	30
Methyl tert-butyl ether	ND			ND		ug/L				NC	30
m-Xylene & p-Xylene	ND			ND		ug/L				NC	30
Naphthalene	ND			ND		ug/L				NC	30
n-Butylbenzene	ND			ND		ug/L				NC	30
n-Heptane	ND			ND		ug/L				NC	30
N-Propylbenzene	ND			ND		ug/L				NC	30
o-Xylene	ND			ND		ug/L				NC	30
sec-Butylbenzene	ND			ND		ug/L				NC	30
Styrene	ND			ND		ug/L				NC	30
tert-Butylbenzene	ND			ND		ug/L				NC	30

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

Lab Sample ID: 752-40096-2 DU
Matrix: Water
Analysis Batch: 102601

Client Sample ID: SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND			ND		ug/L				NC	30
1,1,2,2-Tetrachloroethane	ND			ND		ug/L				NC	30
Tetrachloroethene	0.382	J		ND		ug/L				NC	30
Toluene	ND			ND		ug/L				NC	30
trans-1,4-Dichloro-2-butene	ND			ND		ug/L				NC	30
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	30
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	30
1,2,3-Trichlorobenzene	ND			ND		ug/L				NC	30
1,2,4-Trichlorobenzene	ND			ND		ug/L				NC	30
1,1,1-Trichloroethane	ND			ND		ug/L				NC	30
1,1,2-Trichloroethane	ND			ND		ug/L				NC	30
Trichloroethene	ND			ND		ug/L				NC	30
1,2,3-Trichloropropane	ND			ND		ug/L				NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND			ND		ug/L				NC	30
1,2,4-Trimethylbenzene	ND			ND		ug/L				NC	30
1,3,5-Trimethylbenzene	ND			ND		ug/L				NC	30
Vinyl chloride	ND			ND		ug/L				NC	30
Xylenes, Total	ND			ND		ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*84*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

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

Lab Sample ID: MB 400-733807/1-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/15/25 10:15	12/16/25 11:49	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/15/25 10:15	12/16/25 11:49	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/15/25 10:15	12/16/25 11:49	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/15/25 10:15	12/16/25 11:49	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/15/25 10:15	12/16/25 11:49	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/15/25 10:15	12/16/25 11:49	1

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

Lab Sample ID: MB 400-733807/1-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/15/25 10:15	12/16/25 11:49	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/15/25 10:15	12/16/25 11:49	1
Acenaphthene	ND		10.0	0.630	ug/L		12/15/25 10:15	12/16/25 11:49	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/15/25 10:15	12/16/25 11:49	1
Acetophenone	ND		10.0	3.20	ug/L		12/15/25 10:15	12/16/25 11:49	1
Anthracene	ND		10.0	0.910	ug/L		12/15/25 10:15	12/16/25 11:49	1
Atrazine	ND		10.0	1.13	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/15/25 10:15	12/16/25 11:49	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/15/25 10:15	12/16/25 11:49	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/15/25 10:15	12/16/25 11:49	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/15/25 10:15	12/16/25 11:49	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/15/25 10:15	12/16/25 11:49	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Caprolactam	ND		10.0	2.40	ug/L		12/15/25 10:15	12/16/25 11:49	1
Carbazole	ND		10.0	0.320	ug/L		12/15/25 10:15	12/16/25 11:49	1
Chrysene	ND		10.0	1.20	ug/L		12/15/25 10:15	12/16/25 11:49	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/15/25 10:15	12/16/25 11:49	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/15/25 10:15	12/16/25 11:49	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/15/25 10:15	12/16/25 11:49	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:15	12/16/25 11:49	1
Fluoranthene	ND		10.0	0.630	ug/L		12/15/25 10:15	12/16/25 11:49	1
Fluorene	ND		10.0	0.670	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/15/25 10:15	12/16/25 11:49	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/15/25 10:15	12/16/25 11:49	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:15	12/16/25 11:49	1
Isophorone	ND		10.0	0.800	ug/L		12/15/25 10:15	12/16/25 11:49	1
Naphthalene	ND		10.0	0.750	ug/L		12/15/25 10:15	12/16/25 11:49	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/15/25 10:15	12/16/25 11:49	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/15/25 10:15	12/16/25 11:49	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/15/25 10:15	12/16/25 11:49	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/15/25 10:15	12/16/25 11:49	1
Phenanthrene	ND		10.0	0.740	ug/L		12/15/25 10:15	12/16/25 11:49	1
Phenol	ND		10.0	0.680	ug/L		12/15/25 10:15	12/16/25 11:49	1
Pyrene	ND		10.0	0.630	ug/L		12/15/25 10:15	12/16/25 11:49	1

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

Lab Sample ID: MB 400-733807/1-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733807

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		10 - 150	12/15/25 10:15	12/16/25 11:49	1
2-Fluorobiphenyl (Surr)	69		25 - 139	12/15/25 10:15	12/16/25 11:49	1
2-Fluorophenol (Surr)	62		10 - 150	12/15/25 10:15	12/16/25 11:49	1
Nitrobenzene-d5 (Surr)	70		22 - 150	12/15/25 10:15	12/16/25 11:49	1
Phenol-d5 (Surr)	55		10 - 150	12/15/25 10:15	12/16/25 11:49	1
Terphenyl-d14 (Surr)	70		28 - 150	12/15/25 10:15	12/16/25 11:49	1

Lab Sample ID: LCS 400-733807/2-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	26.76		ug/L		80	27 - 120
2,4,5-Trichlorophenol	33.3	33.03		ug/L		99	27 - 136
2,4,6-Trichlorophenol	33.3	30.56		ug/L		92	21 - 132
2,4-Dichlorophenol	33.3	27.20		ug/L		82	30 - 125
2,4-Dimethylphenol	33.3	23.09		ug/L		69	10 - 142
2,4-Dinitrophenol	66.7	50.18		ug/L		75	10 - 150
2,4-Dinitrotoluene	33.3	27.67		ug/L		83	30 - 129
2,6-Dinitrotoluene	33.3	28.70		ug/L		86	34 - 132
2-Chloronaphthalene	33.3	23.40		ug/L		70	10 - 150
2-Chlorophenol	33.3	23.84		ug/L		72	28 - 127
2-Methylnaphthalene	33.3	24.81		ug/L		74	24 - 150
2-Methylphenol	33.3	21.63		ug/L		65	11 - 121
2-Nitroaniline	33.3	30.70		ug/L		92	31 - 141
2-Nitrophenol	33.3	28.83		ug/L		86	31 - 142
3 & 4 Methylphenol	33.3	20.87		ug/L		63	10 - 150
3,3'-Dichlorobenzidine	66.7	54.28		ug/L		81	10 - 150
3-Nitroaniline	33.3	30.31		ug/L		91	33 - 136
4,6-Dinitro-2-methylphenol	66.7	56.29		ug/L		84	10 - 150
4-Bromophenyl phenyl ether	33.3	23.70		ug/L		71	24 - 120
4-Chloro-3-methylphenol	33.3	25.60		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.36		ug/L		76	10 - 150
4-Chlorophenyl phenyl ether	33.3	25.06		ug/L		75	31 - 110
4-Nitroaniline	33.3	30.30		ug/L		91	37 - 139
4-Nitrophenol	66.7	36.84		ug/L		55	10 - 150
Acenaphthene	33.3	27.27		ug/L		82	29 - 150
Acenaphthylene	33.3	28.57		ug/L		86	30 - 150
Acetophenone	33.3	22.47		ug/L		67	27 - 119
Anthracene	33.3	25.18		ug/L		76	31 - 150
Atrazine	33.3	26.35		ug/L		79	10 - 150
Benzaldehyde	33.3	26.38		ug/L		79	10 - 150
Benzo[a]anthracene	33.3	25.26		ug/L		76	36 - 150
Benzo[a]pyrene	33.3	25.76		ug/L		77	29 - 150
Benzo[b]fluoranthene	33.3	26.14		ug/L		78	32 - 150
Benzo[g,h,i]perylene	33.3	25.93		ug/L		78	28 - 150
Benzo[k]fluoranthene	33.3	25.24		ug/L		76	30 - 150
bis (2-chloroisopropyl) ether	33.3	21.96		ug/L		66	32 - 115

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

Lab Sample ID: LCS 400-733807/2-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	33.3	26.55		ug/L		80	34 - 120
Bis(2-chloroethyl)ether	33.3	26.38		ug/L		79	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	29.32		ug/L		88	24 - 133
Butyl benzyl phthalate	33.3	30.28		ug/L		91	24 - 140
Caprolactam	33.3	18.77		ug/L		56	10 - 150
Carbazole	33.3	22.58		ug/L		68	28 - 123
Chrysene	33.3	24.15		ug/L		72	34 - 150
Dibenz(a,h)anthracene	33.3	24.57		ug/L		74	29 - 150
Dibenzofuran	33.3	24.11		ug/L		72	35 - 110
Diethyl phthalate	33.3	29.76		ug/L		89	31 - 118
Dimethyl phthalate	33.3	31.05		ug/L		93	24 - 125
Di-n-butyl phthalate	33.3	27.06		ug/L		81	30 - 127
Di-n-octyl phthalate	33.3	30.72		ug/L		92	28 - 142
Fluoranthene	33.3	26.43		ug/L		79	30 - 150
Fluorene	33.3	26.42		ug/L		79	30 - 150
Hexachlorobenzene	33.3	24.99		ug/L		75	29 - 113
Hexachlorobutadiene	33.3	17.34		ug/L		52	10 - 117
Hexachlorocyclopentadiene	33.3	18.18	J	ug/L		55	10 - 150
Hexachloroethane	33.3	16.83		ug/L		50	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	24.64		ug/L		74	28 - 150
Isophorone	33.3	24.66		ug/L		74	29 - 125
Naphthalene	33.3	20.81		ug/L		62	27 - 150
Nitrobenzene	33.3	25.18		ug/L		76	29 - 129
N-Nitrosodi-n-propylamine	33.3	27.10		ug/L		81	50 - 134
N-Nitrosodiphenylamine	33.1	24.45		ug/L		74	50 - 132
Pentachlorophenol	66.7	55.44		ug/L		83	14 - 150
Phenanthrene	33.3	24.66		ug/L		74	32 - 150
Phenol	33.3	19.08		ug/L		57	10 - 150
Pyrene	33.3	27.20		ug/L		82	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*
2-Fluorobiphenyl (Surr)	*62*		*25 - 139*
2-Fluorophenol (Surr)	*51*		*10 - 150*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*
Phenol-d5 (Surr)	*47*		*10 - 150*
Terphenyl-d14 (Surr)	*65*		*28 - 150*

Lab Sample ID: LCSD 400-733807/3-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	33.3	26.69		ug/L		80	27 - 120	0	40
2,4,5-Trichlorophenol	33.3	34.17		ug/L		103	27 - 136	3	40
2,4,6-Trichlorophenol	33.3	31.98		ug/L		96	21 - 132	5	40
2,4-Dichlorophenol	33.3	28.03		ug/L		84	30 - 125	3	40
2,4-Dimethylphenol	33.3	23.87		ug/L		72	10 - 142	3	40

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

Lab Sample ID: LCSD 400-733807/3-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrophenol	66.7	53.70		ug/L		81	10 - 150	7	40
2,4-Dinitrotoluene	33.3	28.30		ug/L		85	30 - 129	2	40
2,6-Dinitrotoluene	33.3	29.65		ug/L		89	34 - 132	3	40
2-Chloronaphthalene	33.3	23.19		ug/L		70	10 - 150	1	40
2-Chlorophenol	33.3	25.94		ug/L		78	28 - 127	8	40
2-Methylnaphthalene	33.3	23.98		ug/L		72	24 - 150	3	40
2-Methylphenol	33.3	24.24		ug/L		73	11 - 121	11	40
2-Nitroaniline	33.3	32.28		ug/L		97	31 - 141	5	40
2-Nitrophenol	33.3	30.54		ug/L		92	31 - 142	6	40
3 & 4 Methylphenol	33.3	22.91		ug/L		69	10 - 150	9	40
3,3'-Dichlorobenzidine	66.7	56.14		ug/L		84	10 - 150	3	40
3-Nitroaniline	33.3	31.45		ug/L		94	33 - 136	4	40
4,6-Dinitro-2-methylphenol	66.7	60.37		ug/L		91	10 - 150	7	40
4-Bromophenyl phenyl ether	33.3	24.02		ug/L		72	24 - 120	1	40
4-Chloro-3-methylphenol	33.3	26.76		ug/L		80	10 - 137	4	40
4-Chloroaniline	33.3	25.52		ug/L		77	10 - 150	1	40
4-Chlorophenyl phenyl ether	33.3	25.93		ug/L		78	31 - 110	3	40
4-Nitroaniline	33.3	31.14		ug/L		93	37 - 139	3	40
4-Nitrophenol	66.7	40.49		ug/L		61	10 - 150	9	40
Acenaphthene	33.3	27.56		ug/L		83	29 - 150	1	40
Acenaphthylene	33.3	28.82		ug/L		86	30 - 150	1	40
Acetophenone	33.3	24.11		ug/L		72	27 - 119	7	40
Anthracene	33.3	25.71		ug/L		77	31 - 150	2	40
Atrazine	33.3	27.08		ug/L		81	10 - 150	3	40
Benzaldehyde	33.3	28.14		ug/L		84	10 - 150	6	40
Benzo[a]anthracene	33.3	26.30		ug/L		79	36 - 150	4	40
Benzo[a]pyrene	33.3	26.78		ug/L		80	29 - 150	4	40
Benzo[b]fluoranthene	33.3	26.54		ug/L		80	32 - 150	2	40
Benzo[g,h,i]perylene	33.3	26.72		ug/L		80	28 - 150	3	40
Benzo[k]fluoranthene	33.3	26.45		ug/L		79	30 - 150	5	40
bis (2-chloroisopropyl) ether	33.3	24.27		ug/L		73	32 - 115	10	40
Bis(2-chloroethoxy)methane	33.3	27.10		ug/L		81	34 - 120	2	40
Bis(2-chloroethyl)ether	33.3	28.41		ug/L		85	32 - 114	7	40
Bis(2-ethylhexyl) phthalate	33.3	30.17		ug/L		90	24 - 133	3	40
Butyl benzyl phthalate	33.3	31.62		ug/L		95	24 - 140	4	40
Caprolactam	33.3	17.91		ug/L		54	10 - 150	5	40
Carbazole	33.3	23.05		ug/L		69	28 - 123	2	40
Chrysene	33.3	25.06		ug/L		75	34 - 150	4	40
Dibenz(a,h)anthracene	33.3	25.24		ug/L		76	29 - 150	3	40
Dibenzofuran	33.3	24.82		ug/L		74	35 - 110	3	40
Diethyl phthalate	33.3	31.28		ug/L		94	31 - 118	5	40
Dimethyl phthalate	33.3	32.75		ug/L		98	24 - 125	5	40
Di-n-butyl phthalate	33.3	27.46		ug/L		82	30 - 127	1	40
Di-n-octyl phthalate	33.3	31.18		ug/L		94	28 - 142	2	40
Fluoranthene	33.3	26.52		ug/L		80	30 - 150	0	40
Fluorene	33.3	27.33		ug/L		82	30 - 150	3	40
Hexachlorobenzene	33.3	25.22		ug/L		76	29 - 113	1	40
Hexachlorobutadiene	33.3	13.94		ug/L		42	10 - 117	22	40
Hexachlorocyclopentadiene	33.3	15.55	J	ug/L		47	10 - 150	16	40

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

Lab Sample ID: LCSD 400-733807/3-A
Matrix: Water
Analysis Batch: 733900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733807

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane			33.3	15.85		ug/L		48	10 - 112	6	40
Indeno[1,2,3-cd]pyrene			33.3	25.05		ug/L		75	28 - 150	2	40
Isophorone			33.3	26.32		ug/L		79	29 - 125	7	40
Naphthalene			33.3	20.80		ug/L		62	27 - 150	0	40
Nitrobenzene			33.3	27.24		ug/L		82	29 - 129	8	40
N-Nitrosodi-n-propylamine			33.3	30.01		ug/L		90	50 - 134	10	40
N-Nitrosodiphenylamine			33.1	25.58		ug/L		77	50 - 132	5	40
Pentachlorophenol			66.7	55.61		ug/L		83	14 - 150	0	40
Phenanthrene			33.3	25.14		ug/L		75	32 - 150	2	40
Phenol			33.3	21.63		ug/L		65	10 - 150	13	40
Pyrene			33.3	27.12		ug/L		81	30 - 150	0	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*
2-Fluorophenol (Surr)	*64*		*10 - 150*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*
Phenol-d5 (Surr)	*61*		*10 - 150*
Terphenyl-d14 (Surr)	*71*		*28 - 150*

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

Lab Sample ID: MB 400-733633/1-A
Matrix: Water
Analysis Batch: 733691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/12/25 11:54	12/12/25 21:04	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/12/25 11:54*	*12/12/25 21:04*	*1*

Lab Sample ID: LCS 400-733633/2-A
Matrix: Water
Analysis Batch: 733691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733633

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane			16.0	16.98		ug/L		106	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*48*		*10 - 140*

Lab Sample ID: LCSD 400-733633/3-A
Matrix: Water
Analysis Batch: 733691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733633

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	16.80		ug/L		105	30 - 150	1	40

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

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	50		10 - 140

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-102392/89
Matrix: Water
Analysis Batch: 102392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			12/17/25 20:41	1

Lab Sample ID: LCS 705-102392/90
Matrix: Water
Analysis Batch: 102392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	24.71		mg/L		99	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-101637/1-A
Matrix: Water
Analysis Batch: 101918

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 18:47	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 18:47	1
Barium	ND		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 18:47	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 18:47	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 18:47	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 18:47	1
Copper	ND		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 18:47	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 18:47	1
Manganese	ND		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 18:47	1
Nickel	ND		5.00	0.422	ug/L		12/15/25 07:15	12/15/25 18:47	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 18:47	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 18:47	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 18:47	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 18:47	1

Lab Sample ID: MB 705-101637/1-A
Matrix: Water
Analysis Batch: 102225

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 19:32	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 19:32	1

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

Lab Sample ID: LCS 705-101637/2-A
Matrix: Water
Analysis Batch: 101918

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	99.30		ug/L		99	80 - 120
Arsenic	100	99.27		ug/L		99	80 - 120
Barium	100	98.62		ug/L		99	80 - 120
Cadmium	100	95.66		ug/L		96	80 - 120
Chromium	100	98.67		ug/L		99	80 - 120
Cobalt	100	101.6		ug/L		102	80 - 120
Copper	100	101.6		ug/L		102	80 - 120
Lead	100	97.37		ug/L		97	80 - 120
Manganese	100	96.66		ug/L		97	80 - 120
Nickel	100	101.6		ug/L		102	80 - 120
Selenium	100	93.62		ug/L		94	80 - 120
Silver	10.0	10.24		ug/L		102	80 - 120
Vanadium	100	101.2		ug/L		101	80 - 120
Zinc	100	94.34		ug/L		94	80 - 120

Lab Sample ID: LCS 705-101637/2-A
Matrix: Water
Analysis Batch: 102225

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	100	88.85		ug/L		89	80 - 120
Thallium	100	95.87		ug/L		96	80 - 120

Lab Sample ID: 752-40096-1 MS
Matrix: Water
Analysis Batch: 101918

Client Sample ID: SW-1
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		100	97.33		ug/L		97	75 - 125
Arsenic	ND		100	96.56		ug/L		97	75 - 125
Barium	31.5		100	128.8		ug/L		97	75 - 125
Cadmium	ND		100	95.47		ug/L		95	75 - 125
Chromium	ND		100	95.62		ug/L		96	75 - 125
Cobalt	ND		100	97.44		ug/L		97	75 - 125
Copper	2.18		100	101.3		ug/L		99	75 - 125
Lead	ND		100	95.97		ug/L		96	75 - 125
Manganese	64.4		100	153.2		ug/L		89	75 - 125
Nickel	1.76	J	100	98.45		ug/L		97	75 - 125
Selenium	ND		100	90.53		ug/L		91	75 - 125
Silver	ND		10.0	9.754		ug/L		98	75 - 125
Vanadium	ND		100	98.46		ug/L		98	75 - 125
Zinc	ND		100	97.57		ug/L		98	75 - 125

Lab Sample ID: 752-40096-1 MS
Matrix: Water
Analysis Batch: 102225

Client Sample ID: SW-1
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	ND	F2 F1	100	26.05	F1	ug/L		26	75 - 125

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

Lab Sample ID: 752-40096-1 MS
Matrix: Water
Analysis Batch: 102225

Client Sample ID: SW-1
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	ND		100	79.70		ug/L		80	75 - 125

Lab Sample ID: 752-40096-1 MSD
Matrix: Water
Analysis Batch: 101918

Client Sample ID: SW-1
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		100	96.68		ug/L		97	75 - 125	1	20
Arsenic	ND		100	102.3		ug/L		102	75 - 125	6	20
Barium	31.5		100	129.4		ug/L		98	75 - 125	0	20
Cadmium	ND		100	94.80		ug/L		95	75 - 125	1	20
Chromium	ND		100	99.81		ug/L		100	75 - 125	4	20
Cobalt	ND		100	101.2		ug/L		101	75 - 125	4	20
Copper	2.18		100	104.3		ug/L		102	75 - 125	3	20
Lead	ND		100	96.61		ug/L		97	75 - 125	1	20
Manganese	64.4		100	161.4		ug/L		97	75 - 125	5	20
Nickel	1.76	J	100	100.5		ug/L		99	75 - 125	2	20
Selenium	ND		100	96.71		ug/L		97	75 - 125	7	20
Silver	ND		10.0	10.08		ug/L		101	75 - 125	3	20
Vanadium	ND		100	100.6		ug/L		101	75 - 125	2	20
Zinc	ND		100	96.06		ug/L		96	75 - 125	2	20

Lab Sample ID: 752-40096-1 MSD
Matrix: Water
Analysis Batch: 102225

Client Sample ID: SW-1
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	ND	F2 F1	100	89.48	F2	ug/L		89	75 - 125	110	20
Thallium	ND		100	97.42		ug/L		97	75 - 125	20	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-101819/1-A
Matrix: Water
Analysis Batch: 102057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/15/25 23:43	1

Lab Sample ID: LCS 705-101819/2-A
Matrix: Water
Analysis Batch: 102057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.143		ug/L		104	80 - 120

Method: 350.1 - Nitrogen, Ammonia (Low Level)

Lab Sample ID: MB 705-103206/55
Matrix: Water
Analysis Batch: 103206

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.100	0.0184	mg/L			12/19/25 22:59	1

Lab Sample ID: LCS 705-103206/56
Matrix: Water
Analysis Batch: 103206

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.00	2.135		mg/L		107	90 - 110

Lab Sample ID: MB 705-103849/55
Matrix: Water
Analysis Batch: 103849

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.100	0.0184	mg/L			12/23/25 10:12	1

Lab Sample ID: LCS 705-103849/56
Matrix: Water
Analysis Batch: 103849

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	2.00	1.927		mg/L		96	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14362/10
Matrix: Water
Analysis Batch: 14362

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/10/25 14:03	1

Lab Sample ID: LCS 752-14362/13
Matrix: Water
Analysis Batch: 14362

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	1.008		mg/L		101	90 - 110

Lab Sample ID: LCSD 752-14362/34
Matrix: Water
Analysis Batch: 14362

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	1.00	1.011		mg/L		101	90 - 110	0	10

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 752-40096-7 DU
Matrix: Water
Analysis Batch: 14362

Client Sample ID: SW-Dup
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nitrite as N	ND			ND		mg/L				NC	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 705-102352/13
Matrix: Water
Analysis Batch: 102352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.0500	0.0141	mg/L			12/17/25 09:32	1

Lab Sample ID: LCS 705-102352/14
Matrix: Water
Analysis Batch: 102352

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	1.001		mg/L		100	90 - 110		

GC/MS VOA

Analysis Batch: 102332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	8260D	
752-40096-2	SW-2	Total/NA	Water	8260D	
752-40096-3	SW-3	Total/NA	Water	8260D	
752-40096-4	SW-4	Total/NA	Water	8260D	
752-40096-5	SW-5	Total/NA	Water	8260D	
752-40096-6	SW-6	Total/NA	Water	8260D	
752-40096-7	SW-Dup	Total/NA	Water	8260D	
752-40096-8	Trip Blank	Total/NA	Water	8260D	
MB 705-102332/5	Method Blank	Total/NA	Water	8260D	
LCS 705-102332/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102332/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 102601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	8260D	
752-40096-2	SW-2	Total/NA	Water	8260D	
752-40096-3	SW-3	Total/NA	Water	8260D	
752-40096-4	SW-4	Total/NA	Water	8260D	
752-40096-5	SW-5	Total/NA	Water	8260D	
752-40096-6	SW-6	Total/NA	Water	8260D	
752-40096-7	SW-Dup	Total/NA	Water	8260D	
752-40096-8	Trip Blank	Total/NA	Water	8260D	
MB 705-102601/9	Method Blank	Total/NA	Water	8260D	
LCS 705-102601/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102601/1003	Lab Control Sample	Total/NA	Water	8260D	
752-40096-3 MS	SW-3	Total/NA	Water	8260D	
752-40096-2 DU	SW-2	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	3510C	
752-40096-2	SW-2	Total/NA	Water	3510C	
752-40096-3	SW-3	Total/NA	Water	3510C	
752-40096-4	SW-4	Total/NA	Water	3510C	
752-40096-5	SW-5	Total/NA	Water	3510C	
752-40096-6	SW-6	Total/NA	Water	3510C	
752-40096-7	SW-Dup	Total/NA	Water	3510C	
MB 400-733633/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-733633/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-733633/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 733691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	8270E SIM ID	733633
752-40096-2	SW-2	Total/NA	Water	8270E SIM ID	733633
752-40096-3	SW-3	Total/NA	Water	8270E SIM ID	733633
752-40096-4	SW-4	Total/NA	Water	8270E SIM ID	733633
752-40096-5	SW-5	Total/NA	Water	8270E SIM ID	733633
752-40096-6	SW-6	Total/NA	Water	8270E SIM ID	733633

GC/MS Semi VOA (Continued)

Analysis Batch: 733691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-7	SW-Dup	Total/NA	Water	8270E SIM ID	733633
MB 400-733633/1-A	Method Blank	Total/NA	Water	8270E SIM ID	733633
LCS 400-733633/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	733633
LCSD 400-733633/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	733633

Prep Batch: 733807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	3511	
752-40096-2	SW-2	Total/NA	Water	3511	
752-40096-3	SW-3	Total/NA	Water	3511	
752-40096-4	SW-4	Total/NA	Water	3511	
752-40096-5	SW-5	Total/NA	Water	3511	
752-40096-6	SW-6	Total/NA	Water	3511	
752-40096-7	SW-Dup	Total/NA	Water	3511	
MB 400-733807/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-733807/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-733807/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 733900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	8270E	733807
752-40096-2	SW-2	Total/NA	Water	8270E	733807
752-40096-3	SW-3	Total/NA	Water	8270E	733807
752-40096-4	SW-4	Total/NA	Water	8270E	733807
752-40096-5	SW-5	Total/NA	Water	8270E	733807
752-40096-6	SW-6	Total/NA	Water	8270E	733807
752-40096-7	SW-Dup	Total/NA	Water	8270E	733807
MB 400-733807/1-A	Method Blank	Total/NA	Water	8270E	733807
LCS 400-733807/2-A	Lab Control Sample	Total/NA	Water	8270E	733807
LCSD 400-733807/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	733807

HPLC/IC

Analysis Batch: 102392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	9056A	
752-40096-2	SW-2	Total/NA	Water	9056A	
752-40096-3	SW-3	Total/NA	Water	9056A	
752-40096-4	SW-4	Total/NA	Water	9056A	
752-40096-5	SW-5	Total/NA	Water	9056A	
752-40096-6	SW-6	Total/NA	Water	9056A	
752-40096-7	SW-Dup	Total/NA	Water	9056A	
MB 705-102392/89	Method Blank	Total/NA	Water	9056A	
LCS 705-102392/90	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 101637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total Recoverable	Water	3005A	
752-40096-2	SW-2	Total Recoverable	Water	3005A	
752-40096-3	SW-3	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 101637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-4	SW-4	Total Recoverable	Water	3005A	
752-40096-5	SW-5	Total Recoverable	Water	3005A	
752-40096-6	SW-6	Total Recoverable	Water	3005A	
752-40096-7	SW-Dup	Total Recoverable	Water	3005A	
MB 705-101637/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-101637/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-40096-1 MS	SW-1	Total Recoverable	Water	3005A	
752-40096-1 MSD	SW-1	Total Recoverable	Water	3005A	

Prep Batch: 101819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	7470A	
752-40096-2	SW-2	Total/NA	Water	7470A	
752-40096-3	SW-3	Total/NA	Water	7470A	
752-40096-4	SW-4	Total/NA	Water	7470A	
752-40096-5	SW-5	Total/NA	Water	7470A	
752-40096-6	SW-6	Total/NA	Water	7470A	
752-40096-7	SW-Dup	Total/NA	Water	7470A	
MB 705-101819/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-101819/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 101918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total Recoverable	Water	6020B	101637
752-40096-2	SW-2	Total Recoverable	Water	6020B	101637
752-40096-3	SW-3	Total Recoverable	Water	6020B	101637
752-40096-4	SW-4	Total Recoverable	Water	6020B	101637
752-40096-5	SW-5	Total Recoverable	Water	6020B	101637
752-40096-6	SW-6	Total Recoverable	Water	6020B	101637
752-40096-7	SW-Dup	Total Recoverable	Water	6020B	101637
MB 705-101637/1-A	Method Blank	Total Recoverable	Water	6020B	101637
LCS 705-101637/2-A	Lab Control Sample	Total Recoverable	Water	6020B	101637
752-40096-1 MS	SW-1	Total Recoverable	Water	6020B	101637
752-40096-1 MSD	SW-1	Total Recoverable	Water	6020B	101637

Analysis Batch: 102057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	7470A	101819
752-40096-2	SW-2	Total/NA	Water	7470A	101819
752-40096-3	SW-3	Total/NA	Water	7470A	101819
752-40096-4	SW-4	Total/NA	Water	7470A	101819
752-40096-5	SW-5	Total/NA	Water	7470A	101819
752-40096-6	SW-6	Total/NA	Water	7470A	101819
752-40096-7	SW-Dup	Total/NA	Water	7470A	101819
MB 705-101819/1-A	Method Blank	Total/NA	Water	7470A	101819
LCS 705-101819/2-A	Lab Control Sample	Total/NA	Water	7470A	101819

Analysis Batch: 102225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total Recoverable	Water	6020B	101637
752-40096-2	SW-2	Total Recoverable	Water	6020B	101637

Metals (Continued)

Analysis Batch: 102225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-3	SW-3	Total Recoverable	Water	6020B	101637
752-40096-4	SW-4	Total Recoverable	Water	6020B	101637
752-40096-5	SW-5	Total Recoverable	Water	6020B	101637
752-40096-6	SW-6	Total Recoverable	Water	6020B	101637
752-40096-7	SW-Dup	Total Recoverable	Water	6020B	101637
MB 705-101637/1-A	Method Blank	Total Recoverable	Water	6020B	101637
LCS 705-101637/2-A	Lab Control Sample	Total Recoverable	Water	6020B	101637
752-40096-1 MS	SW-1	Total Recoverable	Water	6020B	101637
752-40096-1 MSD	SW-1	Total Recoverable	Water	6020B	101637

General Chemistry

Analysis Batch: 14362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	353.2	
752-40096-2	SW-2	Total/NA	Water	353.2	
752-40096-3	SW-3	Total/NA	Water	353.2	
752-40096-4	SW-4	Total/NA	Water	353.2	
752-40096-5	SW-5	Total/NA	Water	353.2	
752-40096-6	SW-6	Total/NA	Water	353.2	
752-40096-7	SW-Dup	Total/NA	Water	353.2	
MB 752-14362/10	Method Blank	Total/NA	Water	353.2	
LCS 752-14362/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14362/34	Lab Control Sample Dup	Total/NA	Water	353.2	
752-40096-7 DU	SW-Dup	Total/NA	Water	353.2	

Analysis Batch: 101435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	Nitrate by calc	
752-40096-2	SW-2	Total/NA	Water	Nitrate by calc	
752-40096-3	SW-3	Total/NA	Water	Nitrate by calc	
752-40096-4	SW-4	Total/NA	Water	Nitrate by calc	
752-40096-5	SW-5	Total/NA	Water	Nitrate by calc	
752-40096-6	SW-6	Total/NA	Water	Nitrate by calc	
752-40096-7	SW-Dup	Total/NA	Water	Nitrate by calc	

Analysis Batch: 102352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	353.2	
752-40096-2	SW-2	Total/NA	Water	353.2	
752-40096-3	SW-3	Total/NA	Water	353.2	
752-40096-4	SW-4	Total/NA	Water	353.2	
752-40096-5	SW-5	Total/NA	Water	353.2	
752-40096-6	SW-6	Total/NA	Water	353.2	
752-40096-7	SW-Dup	Total/NA	Water	353.2	
MB 705-102352/13	Method Blank	Total/NA	Water	353.2	
LCS 705-102352/14	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 103206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-1	SW-1	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 103206 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-2	SW-2	Total/NA	Water	350.1	
752-40096-3	SW-3	Total/NA	Water	350.1	
752-40096-4	SW-4	Total/NA	Water	350.1	
752-40096-5	SW-5	Total/NA	Water	350.1	
MB 705-103206/55	Method Blank	Total/NA	Water	350.1	
LCS 705-103206/56	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 103663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-6	SW-6	Total/NA	Water	350.1	

Analysis Batch: 103849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40096-7	SW-Dup	Total/NA	Water	350.1	
MB 705-103849/55	Method Blank	Total/NA	Water	350.1	
LCS 705-103849/56	Lab Control Sample	Total/NA	Water	350.1	

Lab Chronicle

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

Job ID: 752-40096-1

Client Sample ID: SW-1

Lab Sample ID: 752-40096-1

Date Collected: 12/09/25 13:15

Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 20:45
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 17:02
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 13:27
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/12/25 23:11
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 12:33
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 18:52
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 19:38
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:17
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/20/25 00:01
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:12
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 09:47
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Client Sample ID: SW-2

Lab Sample ID: 752-40096-2

Date Collected: 12/09/25 13:45

Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 21:10
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 13:50
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 13:59
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/12/25 23:32
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 12:45
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:05
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:04
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:21
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/20/25 00:15
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:13
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 09:52
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Client Sample ID: SW-3
Lab Sample ID: 752-40096-3
Date Collected: 12/09/25 14:15
Matrix: Water
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 21:35
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 14:38
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 14:32
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/12/25 23:54
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 12:56
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:08
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:07
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:24
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/20/25 00:17
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:13
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 09:53
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Client Sample ID: SW-4
Lab Sample ID: 752-40096-4
Date Collected: 12/09/25 15:00
Matrix: Water
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 22:00
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 17:26
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 15:06
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/13/25 00:15
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 13:08
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:10
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:10
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:28
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/20/25 00:19
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:14
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 09:55
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Lab Chronicle

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

Job ID: 752-40096-1

Client Sample ID: SW-5

Lab Sample ID: 752-40096-5

Date Collected: 12/09/25 15:35

Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 22:25
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 17:50
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 15:39
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/13/25 00:36
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 13:19
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:29
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:12
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:31
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/20/25 00:22
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:15
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 09:57
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Client Sample ID: SW-6

Lab Sample ID: 752-40096-6

Date Collected: 12/09/25 16:00

Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 22:50
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 18:14
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 16:12
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/13/25 00:57
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 14:05
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:32
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:15
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:35
Total/NA	Analysis	350.1		4	103663	KVK	EET ATL	12/22/25 18:05
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:16
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 09:58
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Lab Chronicle

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

Job ID: 752-40096-1

Client Sample ID: SW-Dup

Lab Sample ID: 752-40096-7

Date Collected: 12/09/25 00:00
Matrix: Water
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 23:15
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 18:38
Total/NA	Prep	3511			733807	AMM	EET PEN	12/15/25 10:16
Total/NA	Analysis	8270E		1	733900	VC1	EET PEN	12/16/25 16:46
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/13/25 01:18
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 14:17
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:34
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:18
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:38
Total/NA	Analysis	350.1		5	103849	TL	EET ATL	12/23/25 11:32
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:17
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 10:00
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Client Sample ID: Trip Blank

Lab Sample ID: 752-40096-8

Date Collected: 12/09/25 13:15
Matrix: Water
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 23:40
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 19:02

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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: 752-40096-1
Project/Site: Northgate Park

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
Nitrate by calc		Water	Nitrate as N

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Method Summary

Client: S&ME Inc
Job ID: 752-40096-1
Project/Site: Northgate Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL 2
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia (Low Level)	EPA	EET ATL
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET ATL
353.2	Nitrogen, Nitrite	EPA	EET RAL
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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: Northgate Park

Job ID: 752-40096-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40096-1	SW-1	Water	12/09/25 13:15	12/10/25 08:00	North Carolina
752-40096-2	SW-2	Water	12/09/25 13:45	12/10/25 08:00	North Carolina
752-40096-3	SW-3	Water	12/09/25 14:15	12/10/25 08:00	North Carolina
752-40096-4	SW-4	Water	12/09/25 15:00	12/10/25 08:00	North Carolina
752-40096-5	SW-5	Water	12/09/25 15:35	12/10/25 08:00	North Carolina
752-40096-6	SW-6	Water	12/09/25 16:00	12/10/25 08:00	North Carolina
752-40096-7	SW-Dup	Water	12/09/25 00:00	12/10/25 08:00	North Carolina
752-40096-8	Trip Blank	Water	12/09/25 13:15	12/10/25 08:00	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: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170289-59893.1
Client Contact: Jerry Paul	Phone: (580)337-1449	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BM			
Email: jpaul@smeinc.com	WO #:			
Project Name: Northgate Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

752-40096 COC

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

Other:

NCDEQ Emis
EDDs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D6 - 1,4 Dioxane	360.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers
			Preservation Code:				N	N	S	A	D	N	N	
SW-1	12/9/25	1315	G	W			X	X	X	X	X	X	X	
SW-2		1345					X	X	X	X	X	X	X	
SW-3		1415					X	X	X	X	X	X	X	
SW-4		1500					X	X	X	X	X	X	X	
SW-5		1535					X	X	X	X	X	X	X	
SW-6		1600					X	X	X	X	X	X	X	
SW-DUP		—					X	X	X	X	X	X	X	
TRIP BLANK														

Initial Temperature: 1.0 °C
Correction Factor: -0.2°C
Corrected Temperature: 0.8 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/9/25 1800	S&ME		12/10/25 800	
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: 752-7484.1
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 #: 752-40096-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/18/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SW-1 (752-40096-1)	12/9/25	13 15 Eastern	G	Water			X	X	3	
SW-2 (752-40096-2)	12/9/25	13 45 Eastern	G	Water			X	X	3	
SW-3 (752-40096-3)	12/9/25	14 15 Eastern	G	Water			X	X	3	
SW-4 (752-40096-4)	12/9/25	15 00 Eastern	G	Water			X	X	3	
SW-5 (752-40096-5)	12/9/25	15 35 Eastern	G	Water			X	X	3	
SW-6 (752-40096-6)	12/9/25	16 00 Eastern	G	Water			X	X	3	
SW-Dup (752-40096-7)	12/9/25	Eastern	G	Water			X	X	3	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by: PB	Date/Time: 12/10/25 16:10	Company	Received by:	Date/Time: 12/11/25 955	Company: Eurofins
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.1°C, 1.2°C / IR11

Ver 10/10/2024

12/23/2025

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: 752-7481.1
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 #: 752-40096-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			Preservation Codes: -
City: Atlanta State, Zip: GA, 30340	TAT Requested (days): N/A			
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate 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/3005A PRLF 16 Metals, including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SW-1 (752-40096-1)	12/9/25	13:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-2 (752-40096-2)	12/9/25	13:45 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-3 (752-40096-3)	12/9/25	14:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-4 (752-40096-4)	12/9/25	15:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-5 (752-40096-5)	12/9/25	15:35 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-6 (752-40096-6)	12/9/25	16:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-Dup (752-40096-7)	12/9/25	Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
Trip Blank (752-40096-8)	12/9/25	13:15 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
PG	12/10/25 16:10			12/10/25 1016	
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: IS #266858

Ver: 10/10/2024

12/23/2025

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: 752-7481.1
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 #: 752-40096-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SW-1 (752-40096-1)	12/9/25	13:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-2 (752-40096-2)	12/9/25	13:45 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-3 (752-40096-3)	12/9/25	14:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-4 (752-40096-4)	12/9/25	15:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-5 (752-40096-5)	12/9/25	15:35 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-6 (752-40096-6)	12/9/25	16:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-Dup (752-40096-7)	12/9/25	Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
Trip Blank (752-40096-8)	12/9/25	13:15 Eastern	G	Water					X					2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: PG	Date/Time: 12/10/25 16:10	Company	Received by:	Date/Time: 12/11/25 1056	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: S #26608

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: 752-7481.1
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 #: 752-40096-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, Including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SW-1 (752-40096-1)	12/9/25	13:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-2 (752-40096-2)	12/9/25	13:45 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-3 (752-40096-3)	12/9/25	14:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-4 (752-40096-4)	12/9/25	15:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-5 (752-40096-5)	12/9/25	15:35 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-6 (752-40096-6)	12/9/25	16:00 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
SW-Dup (752-40096-7)	12/9/25	Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
Trip Blank (752-40096-8)	12/9/25	13:15 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	PG	12/10/25 16:10			12/11/25 1056	
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: S #26608

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40096-1

Login Number: 40096

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: 752-40096-1

Login Number: 40096
List Number: 2
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/11/25 01:16 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40096-1

Login Number: 40096
List Number: 3
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 12/12/25 10:00 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1, 1.2°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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/22/2025 6:56:35 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-40094-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Generated
12/22/2025 6:56:35 AM

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: 752-40094-1
Project/Site: Northgate Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

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

General Chemistry

Qualifier	Qualifier Description
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
752-40094-1

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

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

Receipt
The samples were received on 12/10/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1°C and 1.3°C.

GC/MS VOA
Method 8260D: The laboratory control sample /the laboratory control sample duplicate (LCS/LCSD) for analytical batch 705-101572 recovered outside control limits for the following analyte: Vinyl chloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Internal standard responses were outside of acceptance limits for the following sample: SED-1 (752-40094-1). The sample shows evidence of matrix interference.

Method 8260D: Bromomethane is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC was non detect for Bromomethane. The data has been qualified and reported. (CCVIS 705-101572/1), (LCS 705-101572/1001) and (LCSD 705-101572/3)

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 705-101729 recovered outside control limits for the following analytes: Chloroethane and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-101729 recovered outside control limits for the following analytes: Chloroethane, Chloromethane and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 705-101729 recovered outside control limits for the following analyte: Hexachlorobutadiene. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte was recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect this compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: Bromomethane is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC was non detect for Bromomethane. The data has been qualified and reported. (CCVIS 705-101729/1), (LCS 705-101729/1001) and (LCSD 705-101729/2)

Method 8260D_LL: The laboratory control sample (LCS) for analytical batch 705-102601 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_QQQ: The laboratory control sample (LCS) for preparation batch 400-733429 and analytical batch 400-733460 recovered outside control limits for the following analytes: Nitrobenzene, Hexachlorocyclopentadiene, 2-Nitrophenol, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene and 4,6-Dinitro-2-methylphenol. These analytes were biased high in the LCS and were not

detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LCS 400-733429/2-A). These results have been reported and qualified.

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 705-101326 and analytical batch 705-101681 contained Copper and Manganese above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B_LL: The following sample was diluted due to the nature of the sample matrix: SED-1 (752-40094-1). Elevated reporting limits (RLs) are provided.

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

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: Northgate Park

Job ID: 752-40094-1

Client Sample ID: SED-1 — Lab Sample ID: 752-40094-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0558	J	0.126	0.0277	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0163	J	0.0628	0.00698	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00145	J	0.00628	0.00123	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0330	J	0.406	0.00172	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.137	J	0.406	0.0406	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.779	J	1.22	0.369	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0524	J	0.406	0.0406	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0416	J	0.406	0.0406	mg/Kg	1	☼	8270E	Total/NA
Sulfate	30.6		12.9	12.6	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.380	J	1.07	0.0950	mg/Kg	10	☼	6020B	Total/NA
Barium	10.7		2.22	0.0126	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0423	J	0.444	0.0145	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.89	F1	0.888	0.183	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.61		0.666	0.0251	mg/Kg	5	☼	6020B	Total/NA
Copper	3.40	B	0.444	0.0462	mg/Kg	5	☼	6020B	Total/NA
Lead	7.76	F1	0.444	0.0524	mg/Kg	5	☼	6020B	Total/NA
Manganese	72.7	B	0.888	0.0546	mg/Kg	5	☼	6020B	Total/NA
Nickel	3.79		0.888	0.0232	mg/Kg	5	☼	6020B	Total/NA
Silver	0.230	B	0.222	0.00257	mg/Kg	5	☼	6020B	Total/NA
Vanadium	8.21	F1	0.888	0.111	mg/Kg	5	☼	6020B	Total/NA
Zinc	19.1	F1	2.22	1.84	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.210	J	1.19	0.119	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-2 — Lab Sample ID: 752-40094-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0364	J	0.0984	0.0217	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.283	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.356	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.551		0.429	0.00182	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.312	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.193	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.379	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0668	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.646		0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.311	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.122	J	0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.545		0.429	0.0429	mg/Kg	1	☼	8270E	Total/NA
Antimony	0.352	J	1.17	0.267	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.391	J	0.700	0.0624	mg/Kg	5	☼	6020B	Total/NA
Barium	11.6		2.92	0.0165	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0664	J	0.583	0.0409	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0284	J	0.583	0.0190	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.18		1.17	0.240	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.56		0.875	0.0330	mg/Kg	5	☼	6020B	Total/NA
Copper	2.04	B	0.583	0.0607	mg/Kg	5	☼	6020B	Total/NA
Lead	3.50		0.583	0.0688	mg/Kg	5	☼	6020B	Total/NA
Manganese	64.9	B	1.17	0.0717	mg/Kg	5	☼	6020B	Total/NA
Nickel	2.22		1.17	0.0305	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0884	J B	0.292	0.00338	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.80		1.17	0.146	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-2 (Continued)

Lab Sample ID: 752-40094-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	7.79		2.92	2.42	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.391	J	1.22	0.122	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-3

Lab Sample ID: 752-40094-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0465	J	0.112	0.0248	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0145	J	0.410	0.00174	mg/Kg	1	☼	8270E	Total/NA
Arsenic	0.380	J	0.476	0.0424	mg/Kg	5	☼	6020B	Total/NA
Barium	11.2		1.98	0.0112	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0326	J	0.396	0.0129	mg/Kg	5	☼	6020B	Total/NA
Chromium	9.83		0.793	0.163	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.53		0.594	0.0224	mg/Kg	5	☼	6020B	Total/NA
Copper	2.66	B	0.396	0.0412	mg/Kg	5	☼	6020B	Total/NA
Lead	5.19		0.396	0.0468	mg/Kg	5	☼	6020B	Total/NA
Manganese	54.2	B	0.793	0.0487	mg/Kg	5	☼	6020B	Total/NA
Nickel	4.45		0.793	0.0207	mg/Kg	5	☼	6020B	Total/NA
Silver	0.218	B	0.198	0.00230	mg/Kg	5	☼	6020B	Total/NA
Vanadium	11.5		0.793	0.0995	mg/Kg	5	☼	6020B	Total/NA
Zinc	16.7		1.98	1.64	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.475	J	1.27	0.127	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-4

Lab Sample ID: 752-40094-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0546	J	0.110	0.0244	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0649	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0802	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.161	J	0.419	0.00178	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.109	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0556	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0966	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.164	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.103	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0480	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.135	J	0.419	0.0419	mg/Kg	1	☼	8270E	Total/NA
Arsenic	0.938		0.691	0.0616	mg/Kg	5	☼	6020B	Total/NA
Barium	26.9		2.88	0.0163	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0451	J	0.576	0.0404	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0612	J	0.576	0.0188	mg/Kg	5	☼	6020B	Total/NA
Chromium	12.6		1.15	0.237	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.70		0.864	0.0326	mg/Kg	5	☼	6020B	Total/NA
Copper	5.86	B	0.576	0.0599	mg/Kg	5	☼	6020B	Total/NA
Lead	10.3		0.576	0.0679	mg/Kg	5	☼	6020B	Total/NA
Manganese	159	B	1.15	0.0708	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.86		1.15	0.0301	mg/Kg	5	☼	6020B	Total/NA
Silver	0.269	J B	0.288	0.00334	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0598	J	0.806	0.0485	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.9		1.15	0.145	mg/Kg	5	☼	6020B	Total/NA
Zinc	27.1		2.88	2.39	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.971	J	1.28	0.128	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-40094-1

Client Sample ID: SED-5

Lab Sample ID: 752-40094-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0489	J	0.0939	0.0208	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0497	J	0.0965	0.0107	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.0546	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0469	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.232	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.19		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.07		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.49		0.421	0.00178	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.711		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.507		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.225	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.18		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.173	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.64		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0535	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.721		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0668	J	0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.10		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Pyrene	2.13		0.421	0.0421	mg/Kg	1	☼	8270E	Total/NA
Antimony	0.706	J	1.01	0.232	mg/Kg	5	☼	6020B	Total/NA
Arsenic	2.17		0.609	0.0543	mg/Kg	5	☼	6020B	Total/NA
Barium	35.6		2.54	0.0144	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.197	J	0.507	0.0356	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.157	J	0.507	0.0165	mg/Kg	5	☼	6020B	Total/NA
Chromium	15.2		1.01	0.209	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.22		0.761	0.0287	mg/Kg	5	☼	6020B	Total/NA
Copper	14.6	B	0.507	0.0528	mg/Kg	5	☼	6020B	Total/NA
Lead	51.1		0.507	0.0599	mg/Kg	5	☼	6020B	Total/NA
Manganese	313	B	1.01	0.0624	mg/Kg	5	☼	6020B	Total/NA
Nickel	8.48		1.01	0.0265	mg/Kg	5	☼	6020B	Total/NA
Silver	0.361	B	0.254	0.00294	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0616	J	0.710	0.0428	mg/Kg	5	☼	6020B	Total/NA
Vanadium	19.2		1.01	0.127	mg/Kg	5	☼	6020B	Total/NA
Zinc	48.0		2.54	2.11	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0276	J	0.126	0.0184	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	1.24	J	1.30	0.130	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-6

Lab Sample ID: 752-40094-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0910	J	0.122	0.0270	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0122	J	0.0611	0.00679	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0934	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0805	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.112	J	0.422	0.00179	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0529	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.122	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.106	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.208	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0467	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.158	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SED-6 (Continued)

Lab Sample ID: 752-40094-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.228	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Sulfate	14.1		13.1	12.9	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.22		0.469	0.0418	mg/Kg	5	☼	6020B	Total/NA
Barium	13.9		1.95	0.0111	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.110	J	0.391	0.0274	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0447	J	0.391	0.0127	mg/Kg	5	☼	6020B	Total/NA
Chromium	25.2		0.782	0.161	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.02		0.586	0.0221	mg/Kg	5	☼	6020B	Total/NA
Copper	7.90	B	0.391	0.0406	mg/Kg	5	☼	6020B	Total/NA
Lead	6.70		0.391	0.0461	mg/Kg	5	☼	6020B	Total/NA
Manganese	101	B	0.782	0.0481	mg/Kg	5	☼	6020B	Total/NA
Nickel	11.0		0.782	0.0204	mg/Kg	5	☼	6020B	Total/NA
Silver	0.190	J B	0.195	0.00227	mg/Kg	5	☼	6020B	Total/NA
Vanadium	17.9		0.782	0.0981	mg/Kg	5	☼	6020B	Total/NA
Zinc	33.7		1.95	1.62	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.510	J	1.25	0.125	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-Dup

Lab Sample ID: 752-40094-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0411	J	0.0996	0.0220	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0760	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.101	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.179	J	0.402	0.00170	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0980	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0558	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.121	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.198	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0939	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0632	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.179	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Arsenic	0.497		0.446	0.0398	mg/Kg	5	☼	6020B	Total/NA
Barium	13.5		1.86	0.0105	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0329	J	0.372	0.0260	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0424	J	0.372	0.0121	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.23		0.743	0.153	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.01		0.557	0.0210	mg/Kg	5	☼	6020B	Total/NA
Copper	3.61	B	0.372	0.0386	mg/Kg	5	☼	6020B	Total/NA
Lead	6.15		0.372	0.0438	mg/Kg	5	☼	6020B	Total/NA
Manganese	97.0	B	0.743	0.0457	mg/Kg	5	☼	6020B	Total/NA
Nickel	4.31		0.743	0.0194	mg/Kg	5	☼	6020B	Total/NA
Silver	0.205	B	0.186	0.00215	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.9		0.743	0.0932	mg/Kg	5	☼	6020B	Total/NA
Zinc	23.3		1.86	1.54	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.759	J	1.22	0.122	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-40094-8

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-40094-1

Client Sample ID: SED-1
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-1
Matrix: Solid
Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0558**	**J**	0.126	0.0277	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Benzene	ND		0.00628	0.000949	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Bromobenzene	ND	*3	0.00628	0.00118	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Bromoform	ND		0.00628	0.00266	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Bromomethane	ND		0.00628	0.00247	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
2-Butanone (MEK)	**0.0163**	**J**	0.0628	0.00698	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Carbon disulfide	ND		0.0126	0.00321	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Carbon tetrachloride	ND		0.00628	0.00119	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Chlorobenzene	ND		0.00628	0.00105	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Chlorobromomethane	ND		0.00628	0.00151	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Chlorodibromomethane	ND		0.00628	0.000998	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Chloroethane	ND		0.0126	0.00237	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Chloroform	ND		0.00628	0.00122	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Chloromethane	ND		0.0126	0.00186	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
2-Chlorotoluene	ND	*3	0.00628	0.00136	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
4-Chlorotoluene	ND	*3	0.00628	0.00137	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
cis-1,2-Dichloroethene	ND		0.00628	0.00151	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
cis-1,3-Dichloropropene	ND		0.00628	0.00147	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.00628	0.00259	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Dibromomethane	ND		0.00628	0.00127	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2-Dichlorobenzene	ND	*3	0.00628	0.00136	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,3-Dichlorobenzene	ND	*3	0.00628	0.000999	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,4-Dichlorobenzene	ND	*3	0.00628	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Dichlorobromomethane	ND		0.00628	0.00118	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1-Dichloroethane	ND		0.00628	0.00114	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2-Dichloroethane	ND		0.00628	0.00152	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1-Dichloroethene	ND		0.00628	0.00149	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2-Dichloropropane	ND		0.00628	0.000860	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,3-Dichloropropane	ND		0.00628	0.00144	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
2,2-Dichloropropane	ND		0.00628	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1-Dichloropropene	ND		0.00628	0.00128	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Ethyl acetate	ND		0.0628	0.0628	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Ethylbenzene	ND		0.00628	0.00134	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Ethylene Dibromide	ND		0.00628	0.00110	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Hexachlorobutadiene	ND	*3	0.00628	0.00201	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Hexane	ND		0.0126	0.0126	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
2-Hexanone	ND		0.0126	0.00925	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Iodomethane	ND		0.0126	0.00240	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Isopropylbenzene	ND	*3	0.00628	0.00184	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Isopropyl ether	ND		0.0126	0.0126	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
4-Isopropyltoluene	ND	*3	0.00628	0.00427	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Methylene Chloride	ND		0.0251	0.00705	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.0126	0.00409	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Methyl tert-butyl ether	ND		0.00628	0.00220	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
m-Xylene & p-Xylene	ND		0.0126	0.00272	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Naphthalene	ND	*3	0.00628	0.00483	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
n-Butylbenzene	ND	*3	0.00628	0.00221	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
n-Heptane	ND		0.0126	0.0126	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
N-Propylbenzene	ND	*3	0.00628	0.00131	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1

Client Sample ID: SED-1
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-1
Matrix: Solid
Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00628	0.00166	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
sec-Butylbenzene	ND	*3	0.00628	0.00143	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Styrene	ND		0.00628	0.00319	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
tert-Butylbenzene	ND	*3	0.00628	0.00149	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1,1,2-Tetrachloroethane	ND		0.00628	0.00124	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1,2,2-Tetrachloroethane	ND	*3	0.00628	0.00163	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Tetrachloroethene	ND		0.00628	0.00102	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Toluene	**0.00145**	**J**	0.00628	0.00123	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0126	0.00633	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
trans-1,2-Dichloroethene	ND		0.00628	0.00152	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
trans-1,3-Dichloropropene	ND		0.00628	0.00129	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2,3-Trichlorobenzene	ND	*3	0.00628	0.00328	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2,4-Trichlorobenzene	ND	*3	0.00628	0.00252	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1,1-Trichloroethane	ND		0.00628	0.00181	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1,2-Trichloroethane	ND		0.00628	0.00113	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Trichloroethene	ND		0.00628	0.000871	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Trichlorofluoromethane	ND		0.00628	0.00237	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2,3-Trichloropropane	ND	*3	0.00628	0.00168	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0126	0.00125	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,2,4-Trimethylbenzene	ND	*3	0.00628	0.00147	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
1,3,5-Trimethylbenzene	ND	*3	0.00628	0.00156	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Vinyl acetate	ND		0.0126	0.00417	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Vinyl chloride	ND	*+	0.0126	0.00207	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1
Xylenes, Total	ND		0.00628	0.00166	mg/Kg	☼	12/12/25 10:00	12/14/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*67 - 127*	*12/12/25 10:00*	*12/14/25 19:04*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/12/25 10:00*	*12/14/25 19:04*	*1*
Toluene-d8 (Surr)	*105*		*71 - 129*	*12/12/25 10:00*	*12/14/25 19:04*	*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	ND		0.00155	0.00155	mg/Kg	☼	12/12/25 10:43	12/16/25 16:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*61*		*10 - 150*	*12/12/25 10:43*	*12/16/25 16:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.406	0.0118	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,4,5-Trichlorophenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,4,6-Trichlorophenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,4-Dichlorophenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,4-Dimethylphenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,4-Dinitrophenol	ND		1.22	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,4-Dinitrotoluene	ND	*+	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2,6-Dinitrotoluene	ND	*+	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2-Chloronaphthalene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2-Chlorophenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2-Methylnaphthalene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2-Methylphenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1

Client Sample ID: SED-1
Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-1
Matrix: Solid
Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
2-Nitrophenol	ND	*+	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
3 & 4 Methylphenol	ND		0.812	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
3,3'-Dichlorobenzidine	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
3-Nitroaniline	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4,6-Dinitro-2-methylphenol	ND	*+	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4-Bromophenyl phenyl ether	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4-Chloro-3-methylphenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4-Chloroaniline	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4-Chlorophenyl phenyl ether	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4-Nitroaniline	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
4-Nitrophenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Acenaphthene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Acenaphthylene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Acetophenone	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Anthracene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Atrazine	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Benzaldehyde	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Benzo[a]anthracene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Benzo[a]pyrene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Benzo[b]fluoranthene	**0.0330**	**J**	0.406	0.00172	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Benzo[g,h,i]perylene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Benzo[k]fluoranthene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
bis (2-chloroisopropyl) ether	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Bis(2-chloroethoxy)methane	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Bis(2-chloroethyl)ether	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Bis(2-ethylhexyl) phthalate	ND		0.406	0.123	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Butyl benzyl phthalate	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Caprolactam	**0.137**	**J**	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Carbazole	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Chrysene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Dibenz(a,h)anthracene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Dibenzofuran	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Diethyl phthalate	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Dimethyl phthalate	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Di-n-butyl phthalate	**0.779**	**J**	1.22	0.369	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Di-n-octyl phthalate	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Fluoranthene	**0.0524**	**J**	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Fluorene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Hexachlorobenzene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Hexachlorobutadiene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Hexachlorocyclopentadiene	ND	*+	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Hexachloroethane	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Indeno[1,2,3-cd]pyrene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Isophorone	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Naphthalene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Nitrobenzene	ND	*+	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
N-Nitrosodi-n-propylamine	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
N-Nitrosodiphenylamine	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1

Client Sample ID: SED-1

Date Collected: 12/09/25 13:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-1

Matrix: Solid
Percent Solids: 76.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Phenanthrene	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Phenol	ND		0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1
Pyrene	**0.0416**	**J**	0.406	0.0406	mg/Kg	☼	12/12/25 10:18	12/15/25 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*40 - 140*	*12/12/25 10:18*	*12/15/25 16:52*	*1*
2-Fluorobiphenyl (Surr)	*108*		*40 - 140*	*12/12/25 10:18*	*12/15/25 16:52*	*1*
2-Fluorophenol (Surr)	*113*		*40 - 140*	*12/12/25 10:18*	*12/15/25 16:52*	*1*
Nitrobenzene-d5 (Surr)	*100*		*40 - 140*	*12/12/25 10:18*	*12/15/25 16:52*	*1*
Phenol-d5 (Surr)	*98*		*40 - 140*	*12/12/25 10:18*	*12/15/25 16:52*	*1*
Terphenyl-d14 (Surr)	*109*		*40 - 140*	*12/12/25 10:18*	*12/15/25 16:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.22	0.933	mg/Kg	☼		12/17/25 06:16	1
Sulfate	**30.6**		12.9	12.6	mg/Kg	☼		12/17/25 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	0.888	0.203	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Arsenic	**0.380**	**J**	1.07	0.0950	mg/Kg	☼	12/13/25 15:14	12/15/25 16:02	10
Barium	**10.7**		2.22	0.0126	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Beryllium	ND		0.444	0.0311	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Cadmium	**0.0423**	**J**	0.444	0.0145	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Chromium	**8.89**	**F1**	0.888	0.183	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Cobalt	**2.61**		0.666	0.0251	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Copper	**3.40**	**B**	0.444	0.0462	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Lead	**7.76**	**F1**	0.444	0.0524	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Manganese	**72.7**	**B**	0.888	0.0546	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Nickel	**3.79**		0.888	0.0232	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Selenium	ND		2.22	0.158	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Silver	**0.230**	**B**	0.222	0.00257	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Thallium	ND		0.621	0.0374	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Vanadium	**8.21**	**F1**	0.888	0.111	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5
Zinc	**19.1**	**F1**	2.22	1.84	mg/Kg	☼	12/13/25 15:14	12/14/25 21:42	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.123	0.0180	mg/Kg	☼	12/16/25 10:40	12/16/25 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.210**	**J**	1.19	0.119	mg/Kg	☼	12/15/25 10:02	12/18/25 01:50	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.31	0.419	mg/Kg	☼		12/19/25 12:26	1

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

Job ID: 752-40094-1

Client Sample ID: SED-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0364	J	0.0984	0.0217	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Benzene	ND		0.00492	0.000744	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Bromobenzene	ND		0.00492	0.000928	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Bromoform	ND		0.00492	0.00209	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Bromomethane	ND		0.00492	0.00194	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
2-Butanone (MEK)	ND		0.0492	0.00547	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Carbon disulfide	ND		0.00984	0.00252	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Carbon tetrachloride	ND		0.00492	0.000931	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Chlorobenzene	ND		0.00492	0.000825	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Chlorobromomethane	ND		0.00492	0.00118	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Chlorodibromomethane	ND		0.00492	0.000782	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Chloroethane	ND		0.00984	0.00186	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Chloroform	ND		0.00492	0.000953	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Chloromethane	ND		0.00984	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
2-Chlorotoluene	ND		0.00492	0.00106	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
4-Chlorotoluene	ND		0.00492	0.00107	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
cis-1,2-Dichloroethene	ND		0.00492	0.00118	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
cis-1,3-Dichloropropene	ND		0.00492	0.00115	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2-Dibromo-3-Chloropropane	ND		0.00492	0.00203	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Dibromomethane	ND		0.00492	0.000993	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2-Dichlorobenzene	ND		0.00492	0.00106	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,3-Dichlorobenzene	ND		0.00492	0.000783	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,4-Dichlorobenzene	ND		0.00492	0.00114	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Dichlorobromomethane	ND		0.00492	0.000923	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1-Dichloroethane	ND		0.00492	0.000890	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2-Dichloroethane	ND		0.00492	0.00119	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1-Dichloroethene	ND		0.00492	0.00117	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2-Dichloropropane	ND		0.00492	0.000674	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,3-Dichloropropane	ND		0.00492	0.00113	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
2,2-Dichloropropane	ND		0.00492	0.00114	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1-Dichloropropene	ND		0.00492	0.00100	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Ethyl acetate	ND		0.0492	0.0492	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Ethylbenzene	ND		0.00492	0.00105	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Ethylene Dibromide	ND		0.00492	0.000859	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Hexachlorobutadiene	ND		0.00492	0.00157	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Hexane	ND		0.00984	0.00984	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
2-Hexanone	ND		0.00984	0.00725	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Iodomethane	ND		0.00984	0.00188	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Isopropylbenzene	ND		0.00492	0.00145	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Isopropyl ether	ND		0.00984	0.00984	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
4-Isopropyltoluene	ND		0.00492	0.00334	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Methylene Chloride	ND		0.0197	0.00553	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.00984	0.00321	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Methyl tert-butyl ether	ND		0.00492	0.00172	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
m-Xylene & p-Xylene	ND		0.00984	0.00213	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Naphthalene	ND		0.00492	0.00379	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
n-Butylbenzene	ND		0.00492	0.00173	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
n-Heptane	ND		0.00984	0.00984	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
N-Propylbenzene	ND		0.00492	0.00102	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1

Client Sample ID: SED-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00492	0.00130	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
sec-Butylbenzene	ND		0.00492	0.00112	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Styrene	ND		0.00492	0.00250	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
tert-Butylbenzene	ND		0.00492	0.00117	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1,1,2-Tetrachloroethane	ND		0.00492	0.000973	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1,2,2-Tetrachloroethane	ND		0.00492	0.00128	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Tetrachloroethene	ND		0.00492	0.000801	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Toluene	ND		0.00492	0.000966	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
trans-1,4-Dichloro-2-butene	ND		0.00984	0.00496	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
trans-1,2-Dichloroethene	ND		0.00492	0.00119	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
trans-1,3-Dichloropropene	ND		0.00492	0.00101	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2,3-Trichlorobenzene	ND		0.00492	0.00257	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2,4-Trichlorobenzene	ND		0.00492	0.00198	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1,1-Trichloroethane	ND		0.00492	0.00142	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1,2-Trichloroethane	ND		0.00492	0.000885	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Trichloroethene	ND		0.00492	0.000683	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Trichlorofluoromethane	ND		0.00492	0.00186	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2,3-Trichloropropane	ND		0.00492	0.00132	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00984	0.000977	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,2,4-Trimethylbenzene	ND		0.00492	0.00115	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
1,3,5-Trimethylbenzene	ND		0.00492	0.00122	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Vinyl acetate	ND		0.00984	0.00327	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Vinyl chloride	ND	*+	0.00984	0.00162	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1
Xylenes, Total	ND		0.00492	0.00130	mg/Kg	☼	12/12/25 10:00	12/14/25 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 127*	*12/12/25 10:00*	*12/14/25 19:29*	*1*
Dibromofluoromethane	*98*		*80 - 119*	*12/12/25 10:00*	*12/14/25 19:29*	*1*
Toluene-d8 (Surr)	*105*		*71 - 129*	*12/12/25 10:00*	*12/14/25 19:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00160	0.00160	mg/Kg	☼	12/12/25 10:43	12/16/25 16:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*12/12/25 10:43*	*12/16/25 16:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.429	0.0125	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,4,5-Trichlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,4,6-Trichlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,4-Dichlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,4-Dimethylphenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,4-Dinitrophenol	ND		1.29	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,4-Dinitrotoluene	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2,6-Dinitrotoluene	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2-Chloronaphthalene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2-Chlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2-Methylnaphthalene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2-Methylphenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1

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

Job ID: 752-40094-1

Client Sample ID: SED-2
Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
2-Nitrophenol	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
3 & 4 Methylphenol	ND		0.857	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
3,3'-Dichlorobenzidine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
3-Nitroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4,6-Dinitro-2-methylphenol	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4-Bromophenyl phenyl ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4-Chloro-3-methylphenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4-Chloroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4-Chlorophenyl phenyl ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4-Nitroaniline	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
4-Nitrophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Acenaphthene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Acenaphthylene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Acetophenone	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Anthracene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Atrazine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Benzaldehyde	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Benzo[a]anthracene	**0.283**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Benzo[a]pyrene	**0.356**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Benzo[b]fluoranthene	**0.551**		0.429	0.00182	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Benzo[g,h,i]perylene	**0.312**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Benzo[k]fluoranthene	**0.193**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
bis (2-chloroisopropyl) ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Bis(2-chloroethoxy)methane	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Bis(2-chloroethyl)ether	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Bis(2-ethylhexyl) phthalate	ND		0.429	0.130	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Butyl benzyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Caprolactam	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Carbazole	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Chrysene	**0.379**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Dibenz(a,h)anthracene	**0.0668**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Dibenzofuran	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Diethyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Dimethyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Di-n-butyl phthalate	ND		1.29	0.390	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Di-n-octyl phthalate	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Fluoranthene	**0.646**		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Fluorene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Hexachlorobenzene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Hexachlorobutadiene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Hexachlorocyclopentadiene	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Hexachloroethane	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Indeno[1,2,3-cd]pyrene	**0.311**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Isophorone	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Naphthalene	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Nitrobenzene	ND	*+	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
N-Nitrosodi-n-propylamine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
N-Nitrosodiphenylamine	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1

Client Sample ID: SED-2

Date Collected: 12/09/25 13:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-2

Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Phenanthrene	**0.122**	**J**	0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Phenol	ND		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1
Pyrene	**0.545**		0.429	0.0429	mg/Kg	☼	12/12/25 10:18	12/15/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:22*	*1*
2-Fluorobiphenyl (Surr)	*106*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:22*	*1*
2-Fluorophenol (Surr)	*114*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:22*	*1*
Nitrobenzene-d5 (Surr)	*106*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:22*	*1*
Phenol-d5 (Surr)	*94*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:22*	*1*
Terphenyl-d14 (Surr)	*97*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:22*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.34	0.968	mg/Kg	☼		12/17/25 06:50	1
Sulfate	ND		13.3	13.1	mg/Kg	☼		12/17/25 06:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.352**	**J**	1.17	0.267	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Arsenic	**0.391**	**J**	0.700	0.0624	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Barium	**11.6**		2.92	0.0165	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Beryllium	**0.0664**	**J**	0.583	0.0409	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Cadmium	**0.0284**	**J**	0.583	0.0190	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Chromium	**7.18**		1.17	0.240	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Cobalt	**1.56**		0.875	0.0330	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Copper	**2.04**	**B**	0.583	0.0607	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Lead	**3.50**		0.583	0.0688	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Manganese	**64.9**	**B**	1.17	0.0717	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Nickel	**2.22**		1.17	0.0305	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Selenium	ND		2.92	0.207	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Silver	**0.0884**	**J B**	0.292	0.00338	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Thallium	ND		0.817	0.0492	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Vanadium	**7.80**		1.17	0.146	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5
Zinc	**7.79**		2.92	2.42	mg/Kg	☼	12/13/25 15:14	12/14/25 21:57	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.125	0.0182	mg/Kg	☼	12/16/25 10:40	12/16/25 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.391**	**J**	1.22	0.122	mg/Kg	☼	12/15/25 10:02	12/18/25 02:03	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.32	0.423	mg/Kg	☼		12/19/25 12:29	1

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

Job ID: 752-40094-1

Client Sample ID: SED-3
Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-3
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	0.0465	J	0.112	0.0248	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Benzene	ND		0.00560	0.000847	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Bromobenzene	ND		0.00560	0.00106	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Bromoform	ND		0.00560	0.00237	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Bromomethane	ND		0.00560	0.00221	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
2-Butanone (MEK)	ND		0.0560	0.00623	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Carbon disulfide	ND		0.0112	0.00287	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Carbon tetrachloride	ND		0.00560	0.00106	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Chlorobenzene	ND		0.00560	0.000940	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Chlorobromomethane	ND		0.00560	0.00134	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Chlorodibromomethane	ND		0.00560	0.000891	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Chloroethane	ND		0.0112	0.00212	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Chloroform	ND		0.00560	0.00109	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Chloromethane	ND		0.0112	0.00166	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
2-Chlorotoluene	ND		0.00560	0.00121	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
4-Chlorotoluene	ND		0.00560	0.00122	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
cis-1,2-Dichloroethene	ND		0.00560	0.00134	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
cis-1,3-Dichloropropene	ND		0.00560	0.00131	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2-Dibromo-3-Chloropropane	ND		0.00560	0.00231	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Dibromomethane	ND		0.00560	0.00113	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2-Dichlorobenzene	ND		0.00560	0.00121	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,3-Dichlorobenzene	ND		0.00560	0.000892	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,4-Dichlorobenzene	ND		0.00560	0.00130	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Dichlorobromomethane	ND		0.00560	0.00105	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1-Dichloroethane	ND		0.00560	0.00101	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2-Dichloroethane	ND		0.00560	0.00136	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1-Dichloroethene	ND		0.00560	0.00133	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2-Dichloropropane	ND		0.00560	0.000767	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,3-Dichloropropane	ND		0.00560	0.00129	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
2,2-Dichloropropane	ND		0.00560	0.00130	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1-Dichloropropene	ND		0.00560	0.00114	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Ethyl acetate	ND		0.0560	0.0560	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Ethylbenzene	ND		0.00560	0.00120	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Ethylene Dibromide	ND		0.00560	0.000978	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Hexachlorobutadiene	ND		0.00560	0.00179	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Hexane	ND		0.0112	0.0112	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
2-Hexanone	ND		0.0112	0.00826	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Iodomethane	ND		0.0112	0.00214	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Isopropylbenzene	ND		0.00560	0.00165	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Isopropyl ether	ND		0.0112	0.0112	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
4-Isopropyltoluene	ND		0.00560	0.00381	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Methylene Chloride	ND		0.0224	0.00630	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
4-Methyl-2-pentanone (MIBK)	ND		0.0112	0.00365	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Methyl tert-butyl ether	ND		0.00560	0.00196	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
m-Xylene & p-Xylene	ND		0.0112	0.00243	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Naphthalene	ND		0.00560	0.00431	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
n-Butylbenzene	ND		0.00560	0.00197	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
n-Heptane	ND		0.0112	0.0112	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
N-Propylbenzene	ND		0.00560	0.00116	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1

Client Sample ID: SED-3
Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-3
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
o-Xylene	ND		0.00560	0.00148	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
sec-Butylbenzene	ND		0.00560	0.00128	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Styrene	ND		0.00560	0.00285	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
tert-Butylbenzene	ND		0.00560	0.00133	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1,1,2-Tetrachloroethane	ND		0.00560	0.00111	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1,2,2-Tetrachloroethane	ND		0.00560	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Tetrachloroethene	ND		0.00560	0.000912	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Toluene	ND		0.00560	0.00110	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
trans-1,4-Dichloro-2-butene	ND		0.0112	0.00565	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
trans-1,2-Dichloroethene	ND		0.00560	0.00136	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
trans-1,3-Dichloropropene	ND		0.00560	0.00115	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2,3-Trichlorobenzene	ND		0.00560	0.00292	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2,4-Trichlorobenzene	ND		0.00560	0.00225	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1,1-Trichloroethane	ND		0.00560	0.00161	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1,2-Trichloroethane	ND		0.00560	0.00101	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Trichloroethene	ND		0.00560	0.000777	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Trichlorofluoromethane	ND		0.00560	0.00212	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2,3-Trichloropropane	ND		0.00560	0.00150	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0112	0.00111	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,2,4-Trimethylbenzene	ND		0.00560	0.00131	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
1,3,5-Trimethylbenzene	ND		0.00560	0.00139	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Vinyl acetate	ND		0.0112	0.00372	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Vinyl chloride	ND	*+	0.0112	0.00185	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1
Xylenes, Total	ND		0.00560	0.00148	mg/Kg	☼	12/12/25 10:00	12/14/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 127*	*12/12/25 10:00*	*12/14/25 19:54*	*1*
Dibromofluoromethane	*99*		*80 - 119*	*12/12/25 10:00*	*12/14/25 19:54*	*1*
Toluene-d8 (Surr)	*107*		*71 - 129*	*12/12/25 10:00*	*12/14/25 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00156	0.00156	mg/Kg	☼	12/12/25 10:43	12/16/25 17:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*57*		*10 - 150*	*12/12/25 10:43*	*12/16/25 17:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.410	0.0119	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,4,5-Trichlorophenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,4,6-Trichlorophenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,4-Dichlorophenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,4-Dimethylphenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,4-Dinitrophenol	ND		1.23	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,4-Dinitrotoluene	ND	*+	0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2,6-Dinitrotoluene	ND	*+	0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2-Chloronaphthalene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2-Chlorophenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2-Methylnaphthalene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2-Methylphenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1

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

Job ID: 752-40094-1

Client Sample ID: SED-3
Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-3
Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
2-Nitrophenol	ND	*+	0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
3 & 4 Methylphenol	ND		0.821	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
3,3'-Dichlorobenzidine	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
3-Nitroaniline	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4,6-Dinitro-2-methylphenol	ND	*+	0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4-Bromophenyl phenyl ether	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4-Chloro-3-methylphenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4-Chloroaniline	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4-Chlorophenyl phenyl ether	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4-Nitroaniline	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
4-Nitrophenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Acenaphthene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Acenaphthylene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Acetophenone	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Anthracene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Atrazine	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Benzaldehyde	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Benzo[a]anthracene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Benzo[a]pyrene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Benzo[b]fluoranthene	**0.0145**	**J**	0.410	0.00174	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Benzo[g,h,i]perylene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Benzo[k]fluoranthene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
bis (2-chloroisopropyl) ether	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Bis(2-chloroethoxy)methane	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Bis(2-chloroethyl)ether	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Bis(2-ethylhexyl) phthalate	ND		0.410	0.124	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Butyl benzyl phthalate	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Caprolactam	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Carbazole	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Chrysene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Dibenz(a,h)anthracene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Dibenzofuran	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Diethyl phthalate	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Dimethyl phthalate	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Di-n-butyl phthalate	ND		1.23	0.373	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Di-n-octyl phthalate	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Fluoranthene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Fluorene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Hexachlorobenzene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Hexachlorobutadiene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Hexachlorocyclopentadiene	ND	*+	0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Hexachloroethane	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Indeno[1,2,3-cd]pyrene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Isophorone	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Naphthalene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Nitrobenzene	ND	*+	0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
N-Nitrosodi-n-propylamine	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
N-Nitrosodiphenylamine	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1

Client Sample ID: SED-3

Date Collected: 12/09/25 14:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-3

Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Phenanthrene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Phenol	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1
Pyrene	ND		0.410	0.0410	mg/Kg	☼	12/12/25 10:18	12/15/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:52*	*1*
2-Fluorobiphenyl (Surr)	*103*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:52*	*1*
2-Fluorophenol (Surr)	*107*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:52*	*1*
Nitrobenzene-d5 (Surr)	*99*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:52*	*1*
Phenol-d5 (Surr)	*86*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:52*	*1*
Terphenyl-d14 (Surr)	*94*		*40 - 140*	*12/12/25 10:18*	*12/15/25 17:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.24	0.940	mg/Kg	☼		12/17/25 07:35	1
Sulfate	ND		13.0	12.7	mg/Kg	☼		12/17/25 07:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.793	0.181	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Arsenic	**0.380**	**J**	0.476	0.0424	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Barium	**11.2**		1.98	0.0112	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Beryllium	ND		0.396	0.0278	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Cadmium	**0.0326**	**J**	0.396	0.0129	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Chromium	**9.83**		0.793	0.163	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Cobalt	**2.53**		0.594	0.0224	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Copper	**2.66**	**B**	0.396	0.0412	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Lead	**5.19**		0.396	0.0468	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Manganese	**54.2**	**B**	0.793	0.0487	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Nickel	**4.45**		0.793	0.0207	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Selenium	ND		1.98	0.141	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Silver	**0.218**	**B**	0.198	0.00230	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Thallium	ND		0.555	0.0334	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Vanadium	**11.5**		0.793	0.0995	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5
Zinc	**16.7**		1.98	1.64	mg/Kg	☼	12/13/25 15:14	12/14/25 22:00	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.125	0.0182	mg/Kg	☼	12/16/25 10:40	12/16/25 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.475**	**J**	1.27	0.127	mg/Kg	☼	12/15/25 10:02	12/18/25 02:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.31	0.420	mg/Kg	☼		12/19/25 12:31	1

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

Job ID: 752-40094-1

Client Sample ID: SED-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-4
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0546	J	0.110	0.0244	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Benzene	ND		0.00552	0.000834	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Bromobenzene	ND		0.00552	0.00104	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Bromoform	ND		0.00552	0.00234	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Bromomethane	ND		0.00552	0.00217	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
2-Butanone (MEK)	ND		0.0552	0.00614	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Carbon disulfide	ND		0.0110	0.00282	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Carbon tetrachloride	ND		0.00552	0.00104	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Chlorobenzene	ND		0.00552	0.000926	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Chlorobromomethane	ND		0.00552	0.00132	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Chlorodibromomethane	ND		0.00552	0.000877	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Chloroethane	ND		0.0110	0.00209	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Chloroform	ND		0.00552	0.00107	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Chloromethane	ND		0.0110	0.00163	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
2-Chlorotoluene	ND		0.00552	0.00119	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
4-Chlorotoluene	ND		0.00552	0.00120	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
cis-1,2-Dichloroethene	ND		0.00552	0.00132	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
cis-1,3-Dichloropropene	ND		0.00552	0.00129	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2-Dibromo-3-Chloropropane	ND		0.00552	0.00227	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Dibromomethane	ND		0.00552	0.00111	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2-Dichlorobenzene	ND		0.00552	0.00119	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,3-Dichlorobenzene	ND		0.00552	0.000878	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,4-Dichlorobenzene	ND		0.00552	0.00128	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Dichlorobromomethane	ND		0.00552	0.00104	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1-Dichloroethane	ND		0.00552	0.000999	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2-Dichloroethane	ND		0.00552	0.00134	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1-Dichloroethene	ND		0.00552	0.00131	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2-Dichloropropane	ND		0.00552	0.000756	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,3-Dichloropropane	ND		0.00552	0.00127	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
2,2-Dichloropropane	ND		0.00552	0.00128	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1-Dichloropropene	ND		0.00552	0.00113	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Ethyl acetate	ND		0.0552	0.0552	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Ethylbenzene	ND		0.00552	0.00118	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Ethylene Dibromide	ND		0.00552	0.000963	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Hexachlorobutadiene	ND		0.00552	0.00177	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Hexane	ND		0.0110	0.0110	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
2-Hexanone	ND		0.0110	0.00813	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Iodomethane	ND		0.0110	0.00211	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Isopropylbenzene	ND		0.00552	0.00162	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Isopropyl ether	ND		0.0110	0.0110	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
4-Isopropyltoluene	ND		0.00552	0.00375	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Methylene Chloride	ND		0.0221	0.00620	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.0110	0.00360	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Methyl tert-butyl ether	ND		0.00552	0.00193	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
m-Xylene & p-Xylene	ND		0.0110	0.00239	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Naphthalene	ND		0.00552	0.00425	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
n-Butylbenzene	ND		0.00552	0.00194	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
n-Heptane	ND		0.0110	0.0110	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
N-Propylbenzene	ND		0.00552	0.00115	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1

Client Sample ID: SED-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-4
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00552	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
sec-Butylbenzene	ND		0.00552	0.00126	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Styrene	ND		0.00552	0.00280	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
tert-Butylbenzene	ND		0.00552	0.00131	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1,1,2-Tetrachloroethane	ND		0.00552	0.00109	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1,2,2-Tetrachloroethane	ND		0.00552	0.00143	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Tetrachloroethene	ND		0.00552	0.000898	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Toluene	ND		0.00552	0.00108	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
trans-1,4-Dichloro-2-butene	ND		0.0110	0.00556	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
trans-1,2-Dichloroethene	ND		0.00552	0.00134	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
trans-1,3-Dichloropropene	ND		0.00552	0.00114	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2,3-Trichlorobenzene	ND		0.00552	0.00288	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2,4-Trichlorobenzene	ND		0.00552	0.00222	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1,1-Trichloroethane	ND		0.00552	0.00159	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1,2-Trichloroethane	ND		0.00552	0.000993	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Trichloroethene	ND		0.00552	0.000766	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Trichlorofluoromethane	ND		0.00552	0.00209	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2,3-Trichloropropane	ND		0.00552	0.00148	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0110	0.00110	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,2,4-Trimethylbenzene	ND		0.00552	0.00129	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
1,3,5-Trimethylbenzene	ND		0.00552	0.00137	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Vinyl acetate	ND		0.0110	0.00366	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Vinyl chloride	ND	*+	0.0110	0.00182	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1
Xylenes, Total	ND		0.00552	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 127*	*12/12/25 10:00*	*12/14/25 20:19*	*1*
Dibromofluoromethane	*101*		*80 - 119*	*12/12/25 10:00*	*12/14/25 20:19*	*1*
Toluene-d8 (Surr)	*106*		*71 - 129*	*12/12/25 10:00*	*12/14/25 20:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00159	0.00159	mg/Kg	☼	12/12/25 10:43	12/16/25 17:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*10 - 150*	*12/12/25 10:43*	*12/16/25 17:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.419	0.0122	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,4,5-Trichlorophenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,4,6-Trichlorophenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,4-Dichlorophenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,4-Dimethylphenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,4-Dinitrophenol	ND		1.26	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,4-Dinitrotoluene	ND	*+	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2,6-Dinitrotoluene	ND	*+	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2-Chloronaphthalene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2-Chlorophenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2-Methylnaphthalene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2-Methylphenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1

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

Job ID: 752-40094-1

Client Sample ID: SED-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-4
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
2-Nitrophenol	ND	*+	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
3 & 4 Methylphenol	ND		0.838	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
3,3'-Dichlorobenzidine	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
3-Nitroaniline	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4,6-Dinitro-2-methylphenol	ND	*+	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4-Bromophenyl phenyl ether	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4-Chloro-3-methylphenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4-Chloroaniline	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4-Chlorophenyl phenyl ether	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4-Nitroaniline	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
4-Nitrophenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Acenaphthene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Acenaphthylene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Acetophenone	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Anthracene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Atrazine	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Benzaldehyde	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Benzo[a]anthracene	**0.0649**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Benzo[a]pyrene	**0.0802**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Benzo[b]fluoranthene	**0.161**	**J**	0.419	0.00178	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Benzo[g,h,i]perylene	**0.109**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Benzo[k]fluoranthene	**0.0556**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
bis (2-chloroisopropyl) ether	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Bis(2-chloroethoxy)methane	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Bis(2-chloroethyl)ether	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Bis(2-ethylhexyl) phthalate	ND		0.419	0.127	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Butyl benzyl phthalate	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Caprolactam	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Carbazole	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Chrysene	**0.0966**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Dibenz(a,h)anthracene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Dibenzofuran	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Diethyl phthalate	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Dimethyl phthalate	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Di-n-butyl phthalate	ND		1.26	0.381	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Di-n-octyl phthalate	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Fluoranthene	**0.164**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Fluorene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Hexachlorobenzene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Hexachlorobutadiene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Hexachlorocyclopentadiene	ND	*+	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Hexachloroethane	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Indeno[1,2,3-cd]pyrene	**0.103**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Isophorone	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Naphthalene	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Nitrobenzene	ND	*+	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
N-Nitrosodi-n-propylamine	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
N-Nitrosodiphenylamine	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1

Client Sample ID: SED-4

Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-4

Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Phenanthrene	**0.0480**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Phenol	ND		0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1
Pyrene	**0.135**	**J**	0.419	0.0419	mg/Kg	☼	12/12/25 10:18	12/15/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:22*	*1*
2-Fluorobiphenyl (Surr)	*102*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:22*	*1*
2-Fluorophenol (Surr)	*98*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:22*	*1*
Nitrobenzene-d5 (Surr)	*98*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:22*	*1*
Phenol-d5 (Surr)	*80*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:22*	*1*
Terphenyl-d14 (Surr)	*95*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:22*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.34	0.969	mg/Kg	☼		12/17/25 07:47	1
Sulfate	ND		13.4	13.1	mg/Kg	☼		12/17/25 07:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.15	0.263	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Arsenic	**0.938**		0.691	0.0616	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Barium	**26.9**		2.88	0.0163	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Beryllium	**0.0451**	**J**	0.576	0.0404	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Cadmium	**0.0612**	**J**	0.576	0.0188	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Chromium	**12.6**		1.15	0.237	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Cobalt	**4.70**		0.864	0.0326	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Copper	**5.86**	**B**	0.576	0.0599	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Lead	**10.3**		0.576	0.0679	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Manganese	**159**	**B**	1.15	0.0708	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Nickel	**5.86**		1.15	0.0301	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Selenium	ND		2.88	0.204	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Silver	**0.269**	**J B**	0.288	0.00334	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Thallium	**0.0598**	**J**	0.806	0.0485	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Vanadium	**14.9**		1.15	0.145	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5
Zinc	**27.1**		2.88	2.39	mg/Kg	☼	12/13/25 15:14	12/14/25 22:24	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.122	0.0178	mg/Kg	☼	12/16/25 10:40	12/16/25 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.971**	**J**	1.28	0.128	mg/Kg	☼	12/15/25 10:02	12/18/25 02:28	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.35	0.431	mg/Kg	☼		12/19/25 12:34	1

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

Job ID: 752-40094-1

Client Sample ID: SED-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-5
Matrix: Solid
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0489**	**J**	0.0939	0.0208	mg/Kg	☼	12/12/25 10:00	12/15/25 14:18	1
Benzene	ND		0.00965	0.00146	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Bromobenzene	ND		0.00965	0.00182	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Bromoform	ND		0.00965	0.00409	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Bromomethane	ND		0.00965	0.00380	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
2-Butanone (MEK)	**0.0497**	**J**	0.0965	0.0107	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Carbon disulfide	ND		0.0193	0.00494	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Carbon tetrachloride	ND		0.00965	0.00183	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Chlorobenzene	ND		0.00965	0.00162	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Chlorobromomethane	ND		0.00965	0.00232	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Chlorodibromomethane	ND		0.00965	0.00153	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Chloroethane	ND		0.0193	0.00365	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Chloroform	ND		0.00965	0.00187	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Chloromethane	ND		0.0193	0.00286	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
2-Chlorotoluene	ND		0.00965	0.00208	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
4-Chlorotoluene	ND		0.00965	0.00210	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
cis-1,2-Dichloroethene	ND		0.00965	0.00232	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
cis-1,3-Dichloropropene	ND		0.00965	0.00226	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2-Dibromo-3-Chloropropane	ND		0.00965	0.00398	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Dibromomethane	ND		0.00965	0.00195	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2-Dichlorobenzene	ND		0.00965	0.00208	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,3-Dichlorobenzene	ND		0.00965	0.00154	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,4-Dichlorobenzene	ND		0.00965	0.00224	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Dichlorobromomethane	ND		0.00965	0.00181	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1-Dichloroethane	ND		0.00965	0.00175	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2-Dichloroethane	ND		0.00965	0.00234	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1-Dichloroethene	ND		0.00965	0.00230	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2-Dichloropropane	ND		0.00965	0.00132	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,3-Dichloropropane	ND		0.00965	0.00222	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
2,2-Dichloropropane	ND		0.00965	0.00224	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1-Dichloropropene	ND		0.00965	0.00197	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Ethyl acetate	ND		0.0965	0.0965	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Ethylbenzene	ND		0.00965	0.00207	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Ethylene Dibromide	ND		0.00965	0.00169	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Hexachlorobutadiene	ND		0.00965	0.00309	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Hexane	ND		0.0193	0.0193	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
2-Hexanone	ND		0.0193	0.0142	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Iodomethane	ND		0.0193	0.00369	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Isopropylbenzene	ND		0.00965	0.00284	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Isopropyl ether	ND		0.0193	0.0193	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
4-Isopropyltoluene	ND		0.00965	0.00656	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Methylene Chloride	ND		0.0386	0.0108	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.0193	0.00629	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Methyl tert-butyl ether	ND		0.00965	0.00338	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
m-Xylene & p-Xylene	ND		0.0193	0.00419	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Naphthalene	ND		0.00965	0.00743	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
n-Butylbenzene	ND		0.00965	0.00340	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
n-Heptane	ND		0.0193	0.0193	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
N-Propylbenzene	ND		0.00965	0.00201	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1

Client Sample ID: SED-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-5
Matrix: Solid
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00965	0.00255	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
sec-Butylbenzene	ND		0.00965	0.00220	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Styrene	ND		0.00965	0.00490	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
tert-Butylbenzene	ND		0.00965	0.00230	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1,1,2-Tetrachloroethane	ND		0.00965	0.00191	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1,2,2-Tetrachloroethane	ND		0.00965	0.00251	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Tetrachloroethene	ND		0.00965	0.00157	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Toluene	ND		0.00965	0.00190	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
trans-1,4-Dichloro-2-butene	ND		0.0193	0.00973	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
trans-1,2-Dichloroethene	ND		0.00965	0.00234	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
trans-1,3-Dichloropropene	ND		0.00965	0.00199	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2,3-Trichlorobenzene	ND		0.00965	0.00504	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2,4-Trichlorobenzene	ND		0.00965	0.00388	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1,1-Trichloroethane	ND		0.00965	0.00278	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1,2-Trichloroethane	ND		0.00965	0.00174	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Trichloroethene	ND		0.00965	0.00134	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Trichlorofluoromethane	ND		0.00965	0.00365	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2,3-Trichloropropane	ND		0.00965	0.00259	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0193	0.00192	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,2,4-Trimethylbenzene	ND		0.00965	0.00226	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
1,3,5-Trimethylbenzene	ND		0.00965	0.00239	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Vinyl acetate	ND		0.0193	0.00641	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Vinyl chloride	ND	*+	0.0193	0.00319	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1
Xylenes, Total	ND		0.00965	0.00255	mg/Kg	☼	12/12/25 10:00	12/14/25 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 127*	*12/12/25 10:00*	*12/14/25 20:44*	*1*
4-Bromofluorobenzene	*93*		*67 - 127*	*12/12/25 10:00*	*12/15/25 14:18*	*1*
Dibromofluoromethane	*102*		*80 - 119*	*12/12/25 10:00*	*12/14/25 20:44*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/12/25 10:00*	*12/15/25 14:18*	*1*
Toluene-d8 (Surr)	*106*		*71 - 129*	*12/12/25 10:00*	*12/14/25 20:44*	*1*
Toluene-d8 (Surr)	*106*		*71 - 129*	*12/12/25 10:00*	*12/15/25 14:18*	*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		0.00154	0.00154	mg/Kg	☼	12/12/25 10:43	12/16/25 18:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*46*		*10 - 150*	*12/12/25 10:43*	*12/16/25 18:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.421	0.0122	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,4,5-Trichlorophenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,4,6-Trichlorophenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,4-Dichlorophenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,4-Dimethylphenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,4-Dinitrophenol	ND		1.26	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,4-Dinitrotoluene	ND	*+	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2,6-Dinitrotoluene	ND	*+	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2-Chloronaphthalene	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1

Client Sample ID: SED-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-5
Matrix: Solid
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2-Methylnaphthalene	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2-Methylphenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2-Nitroaniline	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
2-Nitrophenol	ND	*+	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
3 & 4 Methylphenol	ND		0.841	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
3,3'-Dichlorobenzidine	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
3-Nitroaniline	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4,6-Dinitro-2-methylphenol	ND	*+	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4-Bromophenyl phenyl ether	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4-Chloro-3-methylphenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4-Chloroaniline	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4-Chlorophenyl phenyl ether	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4-Nitroaniline	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
4-Nitrophenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Acenaphthene	**0.0546**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Acenaphthylene	**0.0469**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Acetophenone	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Anthracene	**0.232**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Atrazine	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Benzaldehyde	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Benzo[a]anthracene	**1.19**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Benzo[a]pyrene	**1.07**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Benzo[b]fluoranthene	**1.49**		0.421	0.00178	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Benzo[g,h,i]perylene	**0.711**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Benzo[k]fluoranthene	**0.507**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
bis (2-chloroisopropyl) ether	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Bis(2-chloroethoxy)methane	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Bis(2-chloroethyl)ether	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Bis(2-ethylhexyl) phthalate	ND		0.421	0.127	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Butyl benzyl phthalate	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Caprolactam	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Carbazole	**0.225**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Chrysene	**1.18**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Dibenz(a,h)anthracene	**0.173**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Dibenzofuran	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Diethyl phthalate	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Dimethyl phthalate	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Di-n-butyl phthalate	ND		1.26	0.382	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Di-n-octyl phthalate	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Fluoranthene	**2.64**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Fluorene	**0.0535**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Hexachlorobenzene	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Hexachlorobutadiene	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Hexachlorocyclopentadiene	ND	*+	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Hexachloroethane	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Indeno[1,2,3-cd]pyrene	**0.721**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Isophorone	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Naphthalene	**0.0668**	**J**	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1

Client Sample ID: SED-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-5
Matrix: Solid
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND	*+	0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
N-Nitrosodi-n-propylamine	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
N-Nitrosodiphenylamine	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Pentachlorophenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Phenanthrene	**1.10**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Phenol	ND		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1
Pyrene	**2.13**		0.421	0.0421	mg/Kg	☼	12/12/25 10:18	12/15/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:53*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:53*	*1*
2-Fluorophenol (Surr)	*104*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:53*	*1*
Nitrobenzene-d5 (Surr)	*104*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:53*	*1*
Phenol-d5 (Surr)	*89*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:53*	*1*
Terphenyl-d14 (Surr)	*105*		*40 - 140*	*12/12/25 10:18*	*12/15/25 18:53*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.23	0.937	mg/Kg	☼		12/17/25 07:58	1
Sulfate	ND		12.9	12.7	mg/Kg	☼		12/17/25 07:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.706**	**J**	1.01	0.232	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Arsenic	**2.17**		0.609	0.0543	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Barium	**35.6**		2.54	0.0144	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Beryllium	**0.197**	**J**	0.507	0.0356	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Cadmium	**0.157**	**J**	0.507	0.0165	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Chromium	**15.2**		1.01	0.209	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Cobalt	**6.22**		0.761	0.0287	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Copper	**14.6**	**B**	0.507	0.0528	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Lead	**51.1**		0.507	0.0599	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Manganese	**313**	**B**	1.01	0.0624	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Nickel	**8.48**		1.01	0.0265	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Selenium	ND		2.54	0.180	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Silver	**0.361**	**B**	0.254	0.00294	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Thallium	**0.0616**	**J**	0.710	0.0428	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Vanadium	**19.2**		1.01	0.127	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5
Zinc	**48.0**		2.54	2.11	mg/Kg	☼	12/13/25 15:14	12/14/25 22:27	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0276**	**J**	0.126	0.0184	mg/Kg	☼	12/16/25 10:40	12/16/25 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**1.24**	**J**	1.30	0.130	mg/Kg	☼	12/15/25 10:02	12/18/25 02:41	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.26	0.405	mg/Kg	☼		12/19/25 12:48	1

Client Sample ID: SED-6
Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-6
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0910**	**J**	0.122	0.0270	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Benzene	ND		0.00611	0.000924	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Bromobenzene	ND		0.00611	0.00115	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Bromoform	ND		0.00611	0.00259	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Bromomethane	ND		0.00611	0.00241	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
2-Butanone (MEK)	**0.0122**	**J**	0.0611	0.00679	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Carbon disulfide	ND		0.0122	0.00313	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Carbon tetrachloride	ND		0.00611	0.00116	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Chlorobenzene	ND		0.00611	0.00103	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Chlorobromomethane	ND		0.00611	0.00147	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Chlorodibromomethane	ND		0.00611	0.000971	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Chloroethane	ND	*+	0.0122	0.00231	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Chloroform	ND		0.00611	0.00118	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Chloromethane	ND	*+	0.0122	0.00181	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
2-Chlorotoluene	ND		0.00611	0.00132	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
4-Chlorotoluene	ND		0.00611	0.00133	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
cis-1,2-Dichloroethene	ND		0.00611	0.00147	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
cis-1,3-Dichloropropene	ND		0.00611	0.00143	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2-Dibromo-3-Chloropropane	ND		0.00611	0.00252	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Dibromomethane	ND		0.00611	0.00123	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2-Dichlorobenzene	ND		0.00611	0.00132	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,3-Dichlorobenzene	ND		0.00611	0.000973	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,4-Dichlorobenzene	ND		0.00611	0.00142	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Dichlorobromomethane	ND		0.00611	0.00115	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1-Dichloroethane	ND		0.00611	0.00111	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2-Dichloroethane	ND		0.00611	0.00148	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1-Dichloroethene	ND		0.00611	0.00145	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2-Dichloropropane	ND		0.00611	0.000837	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,3-Dichloropropane	ND		0.00611	0.00140	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
2,2-Dichloropropane	ND		0.00611	0.00142	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1-Dichloropropene	ND		0.00611	0.00125	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Ethyl acetate	ND		0.0611	0.0611	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Ethylbenzene	ND		0.00611	0.00131	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Ethylene Dibromide	ND		0.00611	0.00107	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Hexachlorobutadiene	ND	*-	0.00611	0.00195	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Hexane	ND		0.0122	0.0122	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
2-Hexanone	ND		0.0122	0.00900	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Iodomethane	ND		0.0122	0.00233	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Isopropylbenzene	ND		0.00611	0.00180	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Isopropyl ether	ND		0.0122	0.0122	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
4-Isopropyltoluene	ND		0.00611	0.00415	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Methylene Chloride	ND		0.0244	0.00687	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.0122	0.00398	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Methyl tert-butyl ether	ND		0.00611	0.00214	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
m-Xylene & p-Xylene	ND		0.0122	0.00265	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Naphthalene	ND		0.00611	0.00470	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
n-Butylbenzene	ND		0.00611	0.00215	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
n-Heptane	ND		0.0122	0.0122	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
N-Propylbenzene	ND		0.00611	0.00127	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1

Client Sample ID: SED-6
Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-6
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00611	0.00161	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
sec-Butylbenzene	ND		0.00611	0.00139	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Styrene	ND		0.00611	0.00310	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
tert-Butylbenzene	ND		0.00611	0.00145	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1,1,2-Tetrachloroethane	ND		0.00611	0.00121	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1,2,2-Tetrachloroethane	ND		0.00611	0.00159	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Tetrachloroethene	ND		0.00611	0.000994	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Toluene	ND		0.00611	0.00120	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
trans-1,4-Dichloro-2-butene	ND		0.0122	0.00616	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
trans-1,2-Dichloroethene	ND		0.00611	0.00148	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
trans-1,3-Dichloropropene	ND		0.00611	0.00126	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2,3-Trichlorobenzene	ND		0.00611	0.00319	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2,4-Trichlorobenzene	ND		0.00611	0.00246	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1,1-Trichloroethane	ND		0.00611	0.00176	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1,2-Trichloroethane	ND		0.00611	0.00110	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Trichloroethene	ND		0.00611	0.000848	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Trichlorofluoromethane	ND		0.00611	0.00231	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2,3-Trichloropropane	ND		0.00611	0.00164	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0122	0.00121	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,2,4-Trimethylbenzene	ND		0.00611	0.00143	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
1,3,5-Trimethylbenzene	ND		0.00611	0.00151	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Vinyl acetate	ND		0.0122	0.00406	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Vinyl chloride	ND	*+	0.0122	0.00202	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1
Xylenes, Total	ND		0.00611	0.00161	mg/Kg	☼	12/12/25 10:00	12/15/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*12/12/25 10:00*	*12/15/25 14:42*	*1*
Dibromofluoromethane	*102*		*80 - 119*	*12/12/25 10:00*	*12/15/25 14:42*	*1*
Toluene-d8 (Surr)	*108*		*71 - 129*	*12/12/25 10:00*	*12/15/25 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		0.00156	0.00156	mg/Kg	☼	12/12/25 10:43	12/16/25 18:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*12/12/25 10:43*	*12/16/25 18:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.422	0.0123	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,4,5-Trichlorophenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,4,6-Trichlorophenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,4-Dichlorophenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,4-Dimethylphenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,4-Dinitrophenol	ND		1.27	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,4-Dinitrotoluene	ND	*+	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2,6-Dinitrotoluene	ND	*+	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2-Chloronaphthalene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2-Chlorophenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2-Methylnaphthalene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2-Methylphenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1

Client Sample ID: SED-6
Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-6
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
2-Nitrophenol	ND	*+	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
3 & 4 Methylphenol	ND		0.844	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
3,3'-Dichlorobenzidine	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
3-Nitroaniline	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4,6-Dinitro-2-methylphenol	ND	*+	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4-Bromophenyl phenyl ether	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4-Chloro-3-methylphenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4-Chloroaniline	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4-Chlorophenyl phenyl ether	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4-Nitroaniline	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
4-Nitrophenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Acenaphthene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Acenaphthylene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Acetophenone	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Anthracene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Atrazine	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Benzaldehyde	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Benzo[a]anthracene	**0.0934**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Benzo[a]pyrene	**0.0805**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Benzo[b]fluoranthene	**0.112**	**J**	0.422	0.00179	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Benzo[g,h,i]perylene	**0.0529**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Benzo[k]fluoranthene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
bis (2-chloroisopropyl) ether	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Bis(2-chloroethoxy)methane	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Bis(2-chloroethyl)ether	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Bis(2-ethylhexyl) phthalate	ND		0.422	0.128	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Butyl benzyl phthalate	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Caprolactam	**0.122**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Carbazole	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Chrysene	**0.106**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Dibenz(a,h)anthracene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Dibenzofuran	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Diethyl phthalate	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Dimethyl phthalate	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Di-n-butyl phthalate	ND		1.27	0.384	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Di-n-octyl phthalate	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Fluoranthene	**0.208**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Fluorene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Hexachlorobenzene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Hexachlorobutadiene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Hexachlorocyclopentadiene	ND	*+	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Hexachloroethane	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Indeno[1,2,3-cd]pyrene	**0.0467**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Isophorone	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Naphthalene	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Nitrobenzene	ND	*+	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
N-Nitrosodi-n-propylamine	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
N-Nitrosodiphenylamine	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1

Client Sample ID: SED-6

Date Collected: 12/09/25 16:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-6

Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Phenanthrene	**0.158**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Phenol	ND		0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1
Pyrene	**0.228**	**J**	0.422	0.0422	mg/Kg	☼	12/12/25 10:18	12/15/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:23*	*1*
2-Fluorobiphenyl (Surr)	*101*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:23*	*1*
2-Fluorophenol (Surr)	*114*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:23*	*1*
Nitrobenzene-d5 (Surr)	*103*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:23*	*1*
Phenol-d5 (Surr)	*95*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:23*	*1*
Terphenyl-d14 (Surr)	*92*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:23*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.29	0.953	mg/Kg	☼		12/17/25 08:09	1
Sulfate	**14.1**		13.1	12.9	mg/Kg	☼		12/17/25 08:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.782	0.179	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Arsenic	**1.22**		0.469	0.0418	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Barium	**13.9**		1.95	0.0111	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Beryllium	**0.110**	**J**	0.391	0.0274	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Cadmium	**0.0447**	**J**	0.391	0.0127	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Chromium	**25.2**		0.782	0.161	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Cobalt	**6.02**		0.586	0.0221	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Copper	**7.90**	**B**	0.391	0.0406	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Lead	**6.70**		0.391	0.0461	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Manganese	**101**	**B**	0.782	0.0481	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Nickel	**11.0**		0.782	0.0204	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Selenium	ND		1.95	0.139	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Silver	**0.190**	**J B**	0.195	0.00227	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Thallium	ND		0.547	0.0329	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Vanadium	**17.9**		0.782	0.0981	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5
Zinc	**33.7**		1.95	1.62	mg/Kg	☼	12/13/25 15:14	12/14/25 22:30	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.124	0.0181	mg/Kg	☼	12/16/25 10:40	12/16/25 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.510**	**J**	1.25	0.125	mg/Kg	☼	12/15/25 10:02	12/18/25 03:18	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.25	0.400	mg/Kg	☼		12/19/25 12:50	1

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

Job ID: 752-40094-1

Client Sample ID: SED-Dup
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-7
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0411	J	0.0996	0.0220	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Benzene	ND		0.00498	0.000753	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Bromobenzene	ND		0.00498	0.000939	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Bromoform	ND		0.00498	0.00211	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Bromomethane	ND		0.00498	0.00196	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
2-Butanone (MEK)	ND		0.0498	0.00554	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Carbon disulfide	ND		0.00996	0.00255	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Carbon tetrachloride	ND		0.00498	0.000943	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Chlorobenzene	ND		0.00498	0.000835	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Chlorobromomethane	ND		0.00498	0.00119	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Chlorodibromomethane	ND		0.00498	0.000792	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Chloroethane	ND	*+	0.00996	0.00188	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Chloroform	ND		0.00498	0.000965	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Chloromethane	ND	*+	0.00996	0.00147	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
2-Chlorotoluene	ND		0.00498	0.00108	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
4-Chlorotoluene	ND		0.00498	0.00109	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
cis-1,2-Dichloroethene	ND		0.00498	0.00119	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
cis-1,3-Dichloropropene	ND		0.00498	0.00116	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2-Dibromo-3-Chloropropane	ND		0.00498	0.00205	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Dibromomethane	ND		0.00498	0.00101	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2-Dichlorobenzene	ND		0.00498	0.00108	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,3-Dichlorobenzene	ND		0.00498	0.000793	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,4-Dichlorobenzene	ND		0.00498	0.00115	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Dichlorobromomethane	ND		0.00498	0.000934	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1-Dichloroethane	ND		0.00498	0.000901	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2-Dichloroethane	ND		0.00498	0.00120	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1-Dichloroethene	ND		0.00498	0.00118	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2-Dichloropropane	ND		0.00498	0.000682	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,3-Dichloropropane	ND		0.00498	0.00114	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
2,2-Dichloropropane	ND		0.00498	0.00115	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1-Dichloropropene	ND		0.00498	0.00102	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Ethyl acetate	ND		0.0498	0.0498	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Ethylbenzene	ND		0.00498	0.00107	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Ethylene Dibromide	ND		0.00498	0.000869	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Hexachlorobutadiene	ND	*-	0.00498	0.00159	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Hexane	ND		0.00996	0.00996	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
2-Hexanone	ND		0.00996	0.00734	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Iodomethane	ND		0.00996	0.00190	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Isopropylbenzene	ND		0.00498	0.00146	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Isopropyl ether	ND		0.00996	0.00996	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
4-Isopropyltoluene	ND		0.00498	0.00339	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Methylene Chloride	ND		0.0199	0.00560	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
4-Methyl-2-pentanone (MIBK)	ND		0.00996	0.00325	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Methyl tert-butyl ether	ND		0.00498	0.00174	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
m-Xylene & p-Xylene	ND		0.00996	0.00216	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Naphthalene	ND		0.00498	0.00383	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
n-Butylbenzene	ND		0.00498	0.00175	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
n-Heptane	ND		0.00996	0.00996	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
N-Propylbenzene	ND		0.00498	0.00104	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1

Client Sample ID: SED-Dup
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-7
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00498	0.00131	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
sec-Butylbenzene	ND		0.00498	0.00114	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Styrene	ND		0.00498	0.00253	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
tert-Butylbenzene	ND		0.00498	0.00118	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1,1,2-Tetrachloroethane	ND		0.00498	0.000985	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1,2,2-Tetrachloroethane	ND		0.00498	0.00129	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Tetrachloroethene	ND		0.00498	0.000810	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Toluene	ND		0.00498	0.000978	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
trans-1,4-Dichloro-2-butene	ND		0.00996	0.00502	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
trans-1,2-Dichloroethene	ND		0.00498	0.00120	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
trans-1,3-Dichloropropene	ND		0.00498	0.00103	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2,3-Trichlorobenzene	ND		0.00498	0.00260	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2,4-Trichlorobenzene	ND		0.00498	0.00200	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1,1-Trichloroethane	ND		0.00498	0.00143	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1,2-Trichloroethane	ND		0.00498	0.000896	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Trichloroethene	ND		0.00498	0.000691	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Trichlorofluoromethane	ND		0.00498	0.00188	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2,3-Trichloropropane	ND		0.00498	0.00133	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00996	0.000989	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,2,4-Trimethylbenzene	ND		0.00498	0.00116	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
1,3,5-Trimethylbenzene	ND		0.00498	0.00123	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Vinyl acetate	ND		0.00996	0.00331	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Vinyl chloride	ND	*+	0.00996	0.00164	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1
Xylenes, Total	ND		0.00498	0.00131	mg/Kg	☼	12/12/25 10:00	12/15/25 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/12/25 10:00*	*12/15/25 15:07*	*1*
Dibromofluoromethane	*101*		*80 - 119*	*12/12/25 10:00*	*12/15/25 15:07*	*1*
Toluene-d8 (Surr)	*106*		*71 - 129*	*12/12/25 10:00*	*12/15/25 15:07*	*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		0.00148	0.00148	mg/Kg	☼	12/12/25 10:43	12/16/25 18:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*53*		*10 - 150*	*12/12/25 10:43*	*12/16/25 18:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.402	0.0117	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,4,5-Trichlorophenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,4,6-Trichlorophenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,4-Dichlorophenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,4-Dimethylphenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,4-Dinitrophenol	ND		1.21	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,4-Dinitrotoluene	ND	*+	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2,6-Dinitrotoluene	ND	*+	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2-Chloronaphthalene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2-Chlorophenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2-Methylnaphthalene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2-Methylphenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1

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

Job ID: 752-40094-1

Client Sample ID: SED-Dup
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-7
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
2-Nitrophenol	ND	*+	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
3 & 4 Methylphenol	ND		0.803	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
3,3'-Dichlorobenzidine	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
3-Nitroaniline	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4,6-Dinitro-2-methylphenol	ND	*+	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4-Bromophenyl phenyl ether	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4-Chloro-3-methylphenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4-Chloroaniline	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4-Chlorophenyl phenyl ether	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4-Nitroaniline	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
4-Nitrophenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Acenaphthene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Acenaphthylene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Acetophenone	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Anthracene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Atrazine	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Benzaldehyde	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Benzo[a]anthracene	**0.0760**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Benzo[a]pyrene	**0.101**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Benzo[b]fluoranthene	**0.179**	**J**	0.402	0.00170	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Benzo[g,h,i]perylene	**0.0980**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Benzo[k]fluoranthene	**0.0558**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
bis (2-chloroisopropyl) ether	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Bis(2-chloroethoxy)methane	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Bis(2-chloroethyl)ether	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Bis(2-ethylhexyl) phthalate	ND		0.402	0.122	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Butyl benzyl phthalate	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Caprolactam	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Carbazole	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Chrysene	**0.121**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Dibenz(a,h)anthracene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Dibenzofuran	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Diethyl phthalate	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Dimethyl phthalate	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Di-n-butyl phthalate	ND		1.21	0.365	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Di-n-octyl phthalate	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Fluoranthene	**0.198**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Fluorene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Hexachlorobenzene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Hexachlorobutadiene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Hexachlorocyclopentadiene	ND	*+	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Hexachloroethane	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Indeno[1,2,3-cd]pyrene	**0.0939**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Isophorone	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Naphthalene	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Nitrobenzene	ND	*+	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
N-Nitrosodi-n-propylamine	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
N-Nitrosodiphenylamine	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1

Client Sample ID: SED-Dup

Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-7

Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Phenanthrene	**0.0632**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Phenol	ND		0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1
Pyrene	**0.179**	**J**	0.402	0.0402	mg/Kg	☼	12/12/25 10:18	12/15/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:54*	*1*
2-Fluorobiphenyl (Surr)	*103*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:54*	*1*
2-Fluorophenol (Surr)	*98*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:54*	*1*
Nitrobenzene-d5 (Surr)	*96*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:54*	*1*
Phenol-d5 (Surr)	*84*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:54*	*1*
Terphenyl-d14 (Surr)	*99*		*40 - 140*	*12/12/25 10:18*	*12/15/25 19:54*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.09	0.896	mg/Kg	☼		12/17/25 08:21	1
Sulfate	ND		12.4	12.1	mg/Kg	☼		12/17/25 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.743	0.170	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Arsenic	**0.497**		0.446	0.0398	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Barium	**13.5**		1.86	0.0105	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Beryllium	**0.0329**	**J**	0.372	0.0260	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Cadmium	**0.0424**	**J**	0.372	0.0121	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Chromium	**8.23**		0.743	0.153	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Cobalt	**3.01**		0.557	0.0210	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Copper	**3.61**	**B**	0.372	0.0386	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Lead	**6.15**		0.372	0.0438	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Manganese	**97.0**	**B**	0.743	0.0457	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Nickel	**4.31**		0.743	0.0194	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Selenium	ND		1.86	0.132	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Silver	**0.205**	**B**	0.186	0.00215	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Thallium	ND		0.520	0.0313	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Vanadium	**12.9**		0.743	0.0932	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5
Zinc	**23.3**		1.86	1.54	mg/Kg	☼	12/13/25 15:14	12/14/25 22:33	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.122	0.0178	mg/Kg	☼	12/16/25 10:40	12/16/25 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.759**	**J**	1.22	0.122	mg/Kg	☼	12/15/25 10:02	12/18/25 03:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.21	0.387	mg/Kg	☼		12/19/25 12:53	1

Client: S&ME Inc
Job ID: 752-40094-1
Project/Site: Northgate Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-40094-8
Date Collected: 12/09/25 00:00
Matrix: Water
Date Received: 12/10/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/18/25 19:27	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 20:20	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 20:20	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 20:20	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 20:20	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 19:27	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 20:20	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 20:20	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 20:20	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 20:20	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 20:20	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 20:20	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 20:20	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 20:20	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 20:20	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 20:20	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 20:20	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 20:20	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 20:20	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 20:20	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 20:20	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 20:20	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 20:20	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 20:20	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 20:20	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 20:20	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 20:20	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 20:20	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 20:20	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 20:20	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 20:20	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 19:27	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 20:20	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 20:20	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 20:20	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 20:20	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 20:20	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 20:20	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 20:20	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 20:20	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 20:20	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 20:20	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 20:20	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 20:20	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 20:20	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 20:20	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 20:20	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 20:20	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 20:20	1

Client Sample ID: Trip Blank
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 20:20	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 20:20	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 20:20	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 20:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 20:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 20:20	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 20:20	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 20:20	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 20:20	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 20:20	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 20:20	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 20:20	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 20:20	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 20:20	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 20:20	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 20:20	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 20:20	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 20:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 20:20	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 20:20	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 20:20	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 20:20	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 20:20	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/17/25 20:20*	*1*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/18/25 19:27*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/17/25 20:20*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/18/25 19:27*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*12/17/25 20:20*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/18/25 19:27*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40094-1
Project/Site: Northgate Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(67-127)	(80-119)	(71-129)
752-40094-1	SED-1	89	100	105
752-40094-2	SED-2	91	98	105
752-40094-3	SED-3	91	99	107
752-40094-4	SED-4	87	101	106
752-40094-5	SED-5	87	102	106
752-40094-5	SED-5	93	100	106
752-40094-6	SED-6	93	102	108
752-40094-7	SED-Dup	95	101	106
LCS 705-101572/1001	Lab Control Sample	95	101	107
LCS 705-101572/1002	Lab Control Sample	89	105	107
LCS 705-101729/1001	Lab Control Sample	99	101	105
LCS 705-101729/1003	Lab Control Sample	91	104	106
LCSD 705-101572/3	Lab Control Sample Dup	95	98	107
LCSD 705-101572/4	Lab Control Sample Dup	89	105	106
LCSD 705-101729/2	Lab Control Sample Dup	99	98	106
LCSD 705-101729/4	Lab Control Sample Dup	91	104	106
MB 705-101572/6	Method Blank	92	98	107
MB 705-101729/6	Method Blank	93	101	107

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
752-40094-8	Trip Blank	94	103	102
752-40094-8	Trip Blank	94	100	100
LCS 705-102332/1002	Lab Control Sample	102	98	101
LCS 705-102332/1003	Lab Control Sample	93	98	98
LCS 705-102601/1001	Lab Control Sample	102	99	98
LCS 705-102601/1003	Lab Control Sample	94	104	99
MB 705-102332/5	Method Blank	95	103	100
MB 705-102601/9	Method Blank	95	102	99

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-40094-1	SED-1	81	108	113	100	98	109

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40094-1
Project/Site: Northgate Park

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)		
752-40094-2	SED-2	91	106	114	106	94	97		
752-40094-3	SED-3	83	103	107	99	86	94		
752-40094-4	SED-4	72	102	98	98	80	95		
752-40094-5	SED-5	71	107	104	104	89	105		
752-40094-6	SED-6	87	101	114	103	95	92		
752-40094-7	SED-Dup	65	103	98	96	84	99		
LCS 400-733429/2-A	Lab Control Sample	152 S1+	108	94	133	82	106		
MB 400-733429/1-A	Method Blank	135	107	95	133	79	105		

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: Northgate Park

Job ID: 752-40094-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-150)						
752-40094-1	SED-1	61						
752-40094-1 MS	SED-1	62						
752-40094-1 MSD	SED-1	61						
752-40094-2	SED-2	55						
752-40094-3	SED-3	57						
752-40094-4	SED-4	58						
752-40094-5	SED-5	46						
752-40094-6	SED-6	49						
752-40094-7	SED-Dup	53						
LCS 400-733621/2-A	Lab Control Sample	68						
MB 400-733621/1-A	Method Blank	72						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-101572/6
Matrix: Solid
Analysis Batch: 101572

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			12/14/25 18:15	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/14/25 18:15	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/14/25 18:15	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/14/25 18:15	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/14/25 18:15	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/14/25 18:15	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/14/25 18:15	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/14/25 18:15	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/14/25 18:15	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/14/25 18:15	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/14/25 18:15	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/14/25 18:15	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/14/25 18:15	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/14/25 18:15	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			12/14/25 18:15	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/14/25 18:15	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/14/25 18:15	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/14/25 18:15	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/14/25 18:15	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/14/25 18:15	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/14/25 18:15	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/14/25 18:15	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/14/25 18:15	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/14/25 18:15	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/14/25 18:15	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/14/25 18:15	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/14/25 18:15	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/14/25 18:15	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/14/25 18:15	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/14/25 18:15	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/14/25 18:15	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/14/25 18:15	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/14/25 18:15	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/14/25 18:15	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/14/25 18:15	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/14/25 18:15	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/14/25 18:15	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/14/25 18:15	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/14/25 18:15	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			12/14/25 18:15	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/14/25 18:15	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/14/25 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/14/25 18:15	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/14/25 18:15	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/14/25 18:15	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/14/25 18:15	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/14/25 18:15	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/14/25 18:15	1

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

Lab Sample ID: MB 705-101572/6
Matrix: Solid
Analysis Batch: 101572

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/14/25 18:15	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/14/25 18:15	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/14/25 18:15	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/14/25 18:15	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/14/25 18:15	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/14/25 18:15	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/14/25 18:15	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/14/25 18:15	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/14/25 18:15	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/14/25 18:15	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/14/25 18:15	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/14/25 18:15	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/14/25 18:15	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/14/25 18:15	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/14/25 18:15	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			12/14/25 18:15	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/14/25 18:15	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/14/25 18:15	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/14/25 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/14/25 18:15	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/14/25 18:15	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/14/25 18:15	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/14/25 18:15	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/14/25 18:15	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/14/25 18:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*67 - 127*		*12/14/25 18:15*	*1*
Dibromofluoromethane	*98*		*80 - 119*		*12/14/25 18:15*	*1*
Toluene-d8 (Surr)	*107*		*71 - 129*		*12/14/25 18:15*	*1*

Lab Sample ID: LCS 705-101572/1001
Matrix: Solid
Analysis Batch: 101572

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.1299		mg/Kg		130	70 - 131
Benzene	0.0500	0.05616		mg/Kg		112	79 - 120
Bromobenzene	0.0500	0.04779		mg/Kg		96	75 - 118
Bromoform	0.0500	0.04459		mg/Kg		89	71 - 136
Bromomethane	0.0500	0.05606	E	mg/Kg		112	62 - 134
2-Butanone (MEK)	0.100	0.1048		mg/Kg		105	73 - 134
Carbon disulfide	0.0500	0.05701		mg/Kg		114	80 - 127
Carbon tetrachloride	0.0500	0.04822		mg/Kg		96	72 - 132
Chlorobenzene	0.0500	0.05066		mg/Kg		101	80 - 120
Chlorobromomethane	0.0500	0.05167		mg/Kg		103	79 - 122
Chlorodibromomethane	0.0500	0.04975		mg/Kg		99	81 - 123
Chloroethane	0.0500	0.05121		mg/Kg		102	66 - 130

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

Lab Sample ID: LCS 705-101572/1001
Matrix: Solid
Analysis Batch: 101572

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	0.0500	0.05580		mg/Kg		112	74 - 120
Chloromethane	0.0500	0.06160		mg/Kg		123	64 - 131
2-Chlorotoluene	0.0500	0.05074		mg/Kg		101	74 - 122
4-Chlorotoluene	0.0500	0.05216		mg/Kg		104	75 - 121
cis-1,2-Dichloroethene	0.0500	0.05553		mg/Kg		111	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04974		mg/Kg		99	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04685		mg/Kg		94	68 - 125
Dibromomethane	0.0500	0.05370		mg/Kg		107	82 - 119
1,2-Dichlorobenzene	0.0500	0.05012		mg/Kg		100	80 - 120
1,3-Dichlorobenzene	0.0500	0.05079		mg/Kg		102	78 - 120
1,4-Dichlorobenzene	0.0500	0.05037		mg/Kg		101	79 - 120
Dichlorobromomethane	0.0500	0.05354		mg/Kg		107	80 - 122
1,1-Dichloroethane	0.0500	0.05744		mg/Kg		115	72 - 123
1,2-Dichloroethane	0.0500	0.05364		mg/Kg		107	73 - 123
1,1-Dichloroethene	0.0500	0.05305		mg/Kg		106	74 - 126
1,2-Dichloropropane	0.0500	0.05713		mg/Kg		114	78 - 122
1,3-Dichloropropane	0.0500	0.05250		mg/Kg		105	82 - 120
2,2-Dichloropropane	0.0500	0.05027		mg/Kg		101	70 - 132
1,1-Dichloropropene	0.0500	0.04959		mg/Kg		99	74 - 126
Ethylbenzene	0.0500	0.05385		mg/Kg		108	80 - 121
Ethylene Dibromide	0.0500	0.04878		mg/Kg		98	82 - 118
Hexachlorobutadiene	0.0500	0.04406		mg/Kg		88	81 - 123
Hexane	0.0500	0.05875		mg/Kg		118	25 - 150
2-Hexanone	0.100	0.1104		mg/Kg		110	81 - 132
Iodomethane	0.0500	0.05220		mg/Kg		104	50 - 150
Isopropylbenzene	0.0500	0.04416		mg/Kg		88	72 - 129
4-Isopropyltoluene	0.0500	0.05240		mg/Kg		105	73 - 131
Methylene Chloride	0.0500	0.05610		mg/Kg		112	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1122		mg/Kg		112	81 - 135
Methyl tert-butyl ether	0.0500	0.05329		mg/Kg		107	80 - 122
m-Xylene & p-Xylene	0.0500	0.05039		mg/Kg		101	79 - 123
Naphthalene	0.0500	0.04663		mg/Kg		93	66 - 128
n-Butylbenzene	0.0500	0.05432		mg/Kg		109	73 - 132
n-Heptane	0.0500	0.06066		mg/Kg		121	25 - 150
N-Propylbenzene	0.0500	0.05241		mg/Kg		105	74 - 127
o-Xylene	0.0500	0.05195		mg/Kg		104	78 - 122
sec-Butylbenzene	0.0500	0.05077		mg/Kg		102	72 - 131
Styrene	0.0500	0.05076		mg/Kg		102	79 - 128
tert-Butylbenzene	0.0500	0.04791		mg/Kg		96	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.05062		mg/Kg		101	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.05335		mg/Kg		107	73 - 121
Tetrachloroethene	0.0500	0.04759		mg/Kg		95	74 - 121
Toluene	0.0500	0.05396		mg/Kg		108	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.04865		mg/Kg		97	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05922		mg/Kg		118	76 - 124
trans-1,3-Dichloropropene	0.0500	0.04806		mg/Kg		96	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04625		mg/Kg		92	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04553		mg/Kg		91	69 - 130
1,1,1-Trichloroethane	0.0500	0.05036		mg/Kg		101	73 - 126

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

Lab Sample ID: LCS 705-101572/1001
Matrix: Solid
Analysis Batch: 101572

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			0.0500	0.05559		mg/Kg		111	77 - 124		
Trichloroethene			0.0500	0.04894		mg/Kg		98	79 - 121		
Trichlorofluoromethane			0.0500	0.04344		mg/Kg		87	77 - 128		
1,2,3-Trichloropropane			0.0500	0.04850		mg/Kg		97	68 - 125		
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04859		mg/Kg		97	80 - 121		
1,2,4-Trimethylbenzene			0.0500	0.04886		mg/Kg		98	75 - 125		
1,3,5-Trimethylbenzene			0.0500	0.04924		mg/Kg		98	74 - 128		
Vinyl acetate			0.100	0.1048		mg/Kg		105	50 - 150		
Vinyl chloride			0.0500	0.07096	*+	mg/Kg		142	68 - 130		
Xylenes, Total			0.100	0.1023		mg/Kg		102	79 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 127*
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*107*		*71 - 129*

Lab Sample ID: LCS 705-101572/1002
Matrix: Solid
Analysis Batch: 101572

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			0.100	0.1046		mg/Kg		105	25 - 150		
Isopropyl ether			0.0500	0.05857		mg/Kg		117	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*67 - 127*
Dibromofluoromethane	*105*		*80 - 119*
Toluene-d8 (Surr)	*107*		*71 - 129*

Lab Sample ID: LCSD 705-101572/3
Matrix: Solid
Analysis Batch: 101572

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.1173		mg/Kg		117	70 - 131	10	50
Benzene			0.0500	0.05834		mg/Kg		117	79 - 120	4	30
Bromobenzene			0.0500	0.05185		mg/Kg		104	75 - 118	8	20
Bromoform			0.0500	0.04882		mg/Kg		98	71 - 136	9	20
Bromomethane			0.0500	0.05816	E	mg/Kg		116	62 - 134	4	90
2-Butanone (MEK)			0.100	0.09301		mg/Kg		93	73 - 134	12	50
Carbon disulfide			0.0500	0.05885		mg/Kg		118	80 - 127	3	50
Carbon tetrachloride			0.0500	0.05000		mg/Kg		100	72 - 132	4	20
Chlorobenzene			0.0500	0.05431		mg/Kg		109	80 - 120	7	30
Chlorobromomethane			0.0500	0.05218		mg/Kg		104	79 - 122	1	20
Chlorodibromomethane			0.0500	0.05256		mg/Kg		105	81 - 123	5	20
Chloroethane			0.0500	0.05315		mg/Kg		106	66 - 130	4	57
Chloroform			0.0500	0.05616		mg/Kg		112	74 - 120	1	20

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

Lab Sample ID: LCSD 705-101572/3
Matrix: Solid
Analysis Batch: 101572

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0500	0.06059		mg/Kg		121	64 - 131	2	99
2-Chlorotoluene	0.0500	0.05532		mg/Kg		111	74 - 122	9	20
4-Chlorotoluene	0.0500	0.05588		mg/Kg		112	75 - 121	7	20
cis-1,2-Dichloroethene	0.0500	0.05736		mg/Kg		115	78 - 122	3	20
cis-1,3-Dichloropropene	0.0500	0.05207		mg/Kg		104	75 - 134	5	20
1,2-Dibromo-3-Chloropropane	0.0500	0.05130		mg/Kg		103	68 - 125	9	20
Dibromomethane	0.0500	0.05420		mg/Kg		108	82 - 119	1	20
1,2-Dichlorobenzene	0.0500	0.05345		mg/Kg		107	80 - 120	6	20
1,3-Dichlorobenzene	0.0500	0.05534		mg/Kg		111	78 - 120	9	20
1,4-Dichlorobenzene	0.0500	0.05449		mg/Kg		109	79 - 120	8	20
Dichlorobromomethane	0.0500	0.05418		mg/Kg		108	80 - 122	1	20
1,1-Dichloroethane	0.0500	0.05710		mg/Kg		114	72 - 123	1	20
1,2-Dichloroethane	0.0500	0.05582		mg/Kg		112	73 - 123	4	20
1,1-Dichloroethene	0.0500	0.05616		mg/Kg		112	74 - 126	6	30
1,2-Dichloropropane	0.0500	0.05849		mg/Kg		117	78 - 122	2	20
1,3-Dichloropropane	0.0500	0.05457		mg/Kg		109	82 - 120	4	20
2,2-Dichloropropane	0.0500	0.05298		mg/Kg		106	70 - 132	5	20
1,1-Dichloropropene	0.0500	0.05277		mg/Kg		106	74 - 126	6	20
Ethylbenzene	0.0500	0.05667		mg/Kg		113	80 - 121	5	30
Ethylene Dibromide	0.0500	0.05188		mg/Kg		104	82 - 118	6	20
Hexachlorobutadiene	0.0500	0.04734		mg/Kg		95	81 - 123	7	20
Hexane	0.0500	0.06417		mg/Kg		128	25 - 150	9	50
2-Hexanone	0.100	0.1155		mg/Kg		115	81 - 132	4	50
Iodomethane	0.0500	0.05448		mg/Kg		109	50 - 150	4	50
Isopropylbenzene	0.0500	0.04780		mg/Kg		96	72 - 129	8	20
4-Isopropyltoluene	0.0500	0.05595		mg/Kg		112	73 - 131	7	20
Methylene Chloride	0.0500	0.05741		mg/Kg		115	72 - 122	2	20
4-Methyl-2-pentanone (MIBK)	0.100	0.1133		mg/Kg		113	81 - 135	1	50
Methyl tert-butyl ether	0.0500	0.05538		mg/Kg		111	80 - 122	4	20
m-Xylene & p-Xylene	0.0500	0.05251		mg/Kg		105	79 - 123	4	30
Naphthalene	0.0500	0.04924		mg/Kg		98	66 - 128	5	30
n-Butylbenzene	0.0500	0.05902		mg/Kg		118	73 - 132	8	20
n-Heptane	0.0500	0.06699		mg/Kg		134	25 - 150	10	50
N-Propylbenzene	0.0500	0.05702		mg/Kg		114	74 - 127	8	20
o-Xylene	0.0500	0.05396		mg/Kg		108	78 - 122	4	30
sec-Butylbenzene	0.0500	0.05497		mg/Kg		110	72 - 131	8	20
Styrene	0.0500	0.05310		mg/Kg		106	79 - 128	5	20
tert-Butylbenzene	0.0500	0.05117		mg/Kg		102	73 - 128	7	20
1,1,1,2-Tetrachloroethane	0.0500	0.05365		mg/Kg		107	78 - 124	6	20
1,1,2,2-Tetrachloroethane	0.0500	0.06071		mg/Kg		121	73 - 121	13	20
Tetrachloroethene	0.0500	0.05052		mg/Kg		101	74 - 121	6	20
Toluene	0.0500	0.05571		mg/Kg		111	77 - 123	3	30
trans-1,4-Dichloro-2-butene	0.0500	0.05690		mg/Kg		114	50 - 150	16	50
trans-1,2-Dichloroethene	0.0500	0.05931		mg/Kg		119	76 - 124	0	20
trans-1,3-Dichloropropene	0.0500	0.05035		mg/Kg		101	70 - 131	5	20
1,2,3-Trichlorobenzene	0.0500	0.05049		mg/Kg		101	70 - 128	9	20
1,2,4-Trichlorobenzene	0.0500	0.04915		mg/Kg		98	69 - 130	8	20
1,1,1-Trichloroethane	0.0500	0.05190		mg/Kg		104	73 - 126	3	20
1,1,2-Trichloroethane	0.0500	0.05688		mg/Kg		114	77 - 124	2	20

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

Lab Sample ID: LCSD 705-101572/3
Matrix: Solid
Analysis Batch: 101572

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene			0.0500	0.04996		mg/Kg		100	79 - 121	2	30
Trichlorofluoromethane			0.0500	0.04409		mg/Kg		88	77 - 128	1	50
1,2,3-Trichloropropane			0.0500	0.05397		mg/Kg		108	68 - 125	11	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05095		mg/Kg		102	80 - 121	5	50
1,2,4-Trimethylbenzene			0.0500	0.05278		mg/Kg		106	75 - 125	8	20
1,3,5-Trimethylbenzene			0.0500	0.05414		mg/Kg		108	74 - 128	9	20
Vinyl acetate			0.100	0.1117		mg/Kg		112	50 - 150	6	50
Vinyl chloride			0.0500	0.06940	*+	mg/Kg		139	68 - 130	2	20
Xylenes, Total			0.100	0.1065		mg/Kg		106	79 - 122	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*107*		*71 - 129*

Lab Sample ID: LCSD 705-101572/4
Matrix: Solid
Analysis Batch: 101572

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl acetate			0.100	0.1031		mg/Kg		103	25 - 150	1	50
Isopropyl ether			0.0500	0.05683		mg/Kg		114	50 - 150	3	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*67 - 127*
Dibromofluoromethane	*105*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: MB 705-101729/6
Matrix: Solid
Analysis Batch: 101729

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			12/15/25 13:12	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/15/25 13:12	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/15/25 13:12	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/15/25 13:12	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/15/25 13:12	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/15/25 13:12	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/15/25 13:12	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/15/25 13:12	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/15/25 13:12	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/15/25 13:12	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/15/25 13:12	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/15/25 13:12	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/15/25 13:12	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/15/25 13:12	1

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

Lab Sample ID: MB 705-101729/6
Matrix: Solid
Analysis Batch: 101729

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			12/15/25 13:12	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/15/25 13:12	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/15/25 13:12	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/15/25 13:12	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/15/25 13:12	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/15/25 13:12	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/15/25 13:12	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/15/25 13:12	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/15/25 13:12	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/15/25 13:12	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/15/25 13:12	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/15/25 13:12	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/15/25 13:12	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/15/25 13:12	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/15/25 13:12	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/15/25 13:12	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/15/25 13:12	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/15/25 13:12	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/15/25 13:12	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/15/25 13:12	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/15/25 13:12	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/15/25 13:12	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/15/25 13:12	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/15/25 13:12	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/15/25 13:12	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			12/15/25 13:12	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/15/25 13:12	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/15/25 13:12	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/15/25 13:12	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/15/25 13:12	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/15/25 13:12	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/15/25 13:12	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/15/25 13:12	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/15/25 13:12	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/15/25 13:12	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/15/25 13:12	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/15/25 13:12	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/15/25 13:12	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/15/25 13:12	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/15/25 13:12	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/15/25 13:12	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/15/25 13:12	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/15/25 13:12	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/15/25 13:12	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/15/25 13:12	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/15/25 13:12	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/15/25 13:12	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/15/25 13:12	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/15/25 13:12	1

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

Lab Sample ID: MB 705-101729/6
Matrix: Solid
Analysis Batch: 101729

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			12/15/25 13:12	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/15/25 13:12	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/15/25 13:12	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/15/25 13:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/15/25 13:12	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/15/25 13:12	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/15/25 13:12	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/15/25 13:12	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/15/25 13:12	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/15/25 13:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*		*12/15/25 13:12*	*1*
Dibromofluoromethane	*101*		*80 - 119*		*12/15/25 13:12*	*1*
Toluene-d8 (Surr)	*107*		*71 - 129*		*12/15/25 13:12*	*1*

Lab Sample ID: LCS 705-101729/1001
Matrix: Solid
Analysis Batch: 101729

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.09642	J	mg/Kg		96	70 - 131
Benzene	0.0500	0.05275		mg/Kg		105	79 - 120
Bromobenzene	0.0500	0.04565		mg/Kg		91	75 - 118
Bromoform	0.0500	0.04450		mg/Kg		89	71 - 136
Bromomethane	0.0500	0.05943	E	mg/Kg		119	62 - 134
2-Butanone (MEK)	0.100	0.09623		mg/Kg		96	73 - 134
Carbon disulfide	0.0500	0.05616		mg/Kg		112	80 - 127
Carbon tetrachloride	0.0500	0.04686		mg/Kg		94	72 - 132
Chlorobenzene	0.0500	0.04903		mg/Kg		98	80 - 120
Chlorobromomethane	0.0500	0.04903		mg/Kg		98	79 - 122
Chlorodibromomethane	0.0500	0.04910		mg/Kg		98	81 - 123
Chloroethane	0.0500	0.07560	*+	mg/Kg		151	66 - 130
Chloroform	0.0500	0.05455		mg/Kg		109	74 - 120
Chloromethane	0.0500	0.06681	*+	mg/Kg		134	64 - 131
2-Chlorotoluene	0.0500	0.05028		mg/Kg		101	74 - 122
4-Chlorotoluene	0.0500	0.05040		mg/Kg		101	75 - 121
cis-1,2-Dichloroethene	0.0500	0.05329		mg/Kg		107	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04915		mg/Kg		98	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04513		mg/Kg		90	68 - 125
Dibromomethane	0.0500	0.05093		mg/Kg		102	82 - 119
1,2-Dichlorobenzene	0.0500	0.04758		mg/Kg		95	80 - 120
1,3-Dichlorobenzene	0.0500	0.04820		mg/Kg		96	78 - 120
1,4-Dichlorobenzene	0.0500	0.04855		mg/Kg		97	79 - 120
Dichlorobromomethane	0.0500	0.05168		mg/Kg		103	80 - 122
1,1-Dichloroethane	0.0500	0.05554		mg/Kg		111	72 - 123
1,2-Dichloroethane	0.0500	0.05220		mg/Kg		104	73 - 123
1,1-Dichloroethene	0.0500	0.05195		mg/Kg		104	74 - 126

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

Lab Sample ID: LCS 705-101729/1001
Matrix: Solid
Analysis Batch: 101729

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	0.0500	0.05408		mg/Kg		108	78 - 122
1,3-Dichloropropane	0.0500	0.05196		mg/Kg		104	82 - 120
2,2-Dichloropropane	0.0500	0.04978		mg/Kg		100	70 - 132
1,1-Dichloropropene	0.0500	0.04679		mg/Kg		94	74 - 126
Ethylbenzene	0.0500	0.05255		mg/Kg		105	80 - 121
Ethylene Dibromide	0.0500	0.04807		mg/Kg		96	82 - 118
Hexachlorobutadiene	0.0500	0.04270		mg/Kg		85	81 - 123
Hexane	0.0500	0.05591		mg/Kg		112	25 - 150
2-Hexanone	0.100	0.1046		mg/Kg		105	81 - 132
Iodomethane	0.0500	0.05444		mg/Kg		109	50 - 150
Isopropylbenzene	0.0500	0.04846		mg/Kg		97	72 - 129
4-Isopropyltoluene	0.0500	0.04940		mg/Kg		99	73 - 131
Methylene Chloride	0.0500	0.05299		mg/Kg		106	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1033		mg/Kg		103	81 - 135
Methyl tert-butyl ether	0.0500	0.05176		mg/Kg		104	80 - 122
m-Xylene & p-Xylene	0.0500	0.04925		mg/Kg		99	79 - 123
Naphthalene	0.0500	0.04655		mg/Kg		93	66 - 128
n-Butylbenzene	0.0500	0.05300		mg/Kg		106	73 - 132
n-Heptane	0.0500	0.05851		mg/Kg		117	25 - 150
N-Propylbenzene	0.0500	0.05170		mg/Kg		103	74 - 127
o-Xylene	0.0500	0.05108		mg/Kg		102	78 - 122
sec-Butylbenzene	0.0500	0.05053		mg/Kg		101	72 - 131
Styrene	0.0500	0.05034		mg/Kg		101	79 - 128
tert-Butylbenzene	0.0500	0.04784		mg/Kg		96	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04879		mg/Kg		98	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.05320		mg/Kg		106	73 - 121
Tetrachloroethene	0.0500	0.04565		mg/Kg		91	74 - 121
Toluene	0.0500	0.04977		mg/Kg		100	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.05203		mg/Kg		104	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05557		mg/Kg		111	76 - 124
trans-1,3-Dichloropropene	0.0500	0.04935		mg/Kg		99	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04508		mg/Kg		90	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04517		mg/Kg		90	69 - 130
1,1,1-Trichloroethane	0.0500	0.05216		mg/Kg		104	73 - 126
1,1,2-Trichloroethane	0.0500	0.05442		mg/Kg		109	77 - 124
Trichloroethene	0.0500	0.04629		mg/Kg		93	79 - 121
Trichlorofluoromethane	0.0500	0.05252		mg/Kg		105	77 - 128
1,2,3-Trichloropropane	0.0500	0.04790		mg/Kg		96	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04923		mg/Kg		98	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04764		mg/Kg		95	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04974		mg/Kg		99	74 - 128
Vinyl acetate	0.100	0.1036		mg/Kg		104	50 - 150
Vinyl chloride	0.0500	0.07239	*+	mg/Kg		145	68 - 130
Xylenes, Total	0.100	0.1003		mg/Kg		100	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 127*

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

Lab Sample ID: LCS 705-101729/1001
Matrix: Solid
Analysis Batch: 101729

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*101*		*80 - 119*
Toluene-d8 (Surr)	*105*		*71 - 129*

Lab Sample ID: LCS 705-101729/1003
Matrix: Solid
Analysis Batch: 101729

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			0.100	0.1094		mg/Kg		109	25 - 150		
Isopropyl ether			0.0500	0.05862		mg/Kg		117	50 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*91*		*67 - 127*
Dibromofluoromethane	*104*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: LCSD 705-101729/2
Matrix: Solid
Analysis Batch: 101729

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.09540	J	mg/Kg		95	70 - 131	1	50
Benzene			0.0500	0.05226		mg/Kg		105	79 - 120	1	30
Bromobenzene			0.0500	0.04623		mg/Kg		92	75 - 118	1	20
Bromoform			0.0500	0.04427		mg/Kg		89	71 - 136	1	20
Bromomethane			0.0500	0.06152	E	mg/Kg		123	62 - 134	3	90
2-Butanone (MEK)			0.100	0.08650		mg/Kg		86	73 - 134	11	50
Carbon disulfide			0.0500	0.05325		mg/Kg		107	80 - 127	5	50
Carbon tetrachloride			0.0500	0.04625		mg/Kg		92	72 - 132	1	20
Chlorobenzene			0.0500	0.04790		mg/Kg		96	80 - 120	2	30
Chlorobromomethane			0.0500	0.04939		mg/Kg		99	79 - 122	1	20
Chlorodibromomethane			0.0500	0.04706		mg/Kg		94	81 - 123	4	20
Chloroethane			0.0500	0.07394	*+	mg/Kg		148	66 - 130	2	57
Chloroform			0.0500	0.05261		mg/Kg		105	74 - 120	4	20
Chloromethane			0.0500	0.06471		mg/Kg		129	64 - 131	3	99
2-Chlorotoluene			0.0500	0.04923		mg/Kg		98	74 - 122	2	20
4-Chlorotoluene			0.0500	0.04900		mg/Kg		98	75 - 121	3	20
cis-1,2-Dichloroethene			0.0500	0.05228		mg/Kg		105	78 - 122	2	20
cis-1,3-Dichloropropene			0.0500	0.04932		mg/Kg		99	75 - 134	0	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04472		mg/Kg		89	68 - 125	1	20
Dibromomethane			0.0500	0.04918		mg/Kg		98	82 - 119	3	20
1,2-Dichlorobenzene			0.0500	0.04721		mg/Kg		94	80 - 120	1	20
1,3-Dichlorobenzene			0.0500	0.04729		mg/Kg		95	78 - 120	2	20
1,4-Dichlorobenzene			0.0500	0.04686		mg/Kg		94	79 - 120	4	20
Dichlorobromomethane			0.0500	0.05200		mg/Kg		104	80 - 122	1	20
1,1-Dichloroethane			0.0500	0.05476		mg/Kg		110	72 - 123	1	20
1,2-Dichloroethane			0.0500	0.05165		mg/Kg		103	73 - 123	1	20
1,1-Dichloroethene			0.0500	0.04938		mg/Kg		99	74 - 126	5	30

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

Lab Sample ID: LCSD 705-101729/2
Matrix: Solid
Analysis Batch: 101729

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane			0.0500	0.05432		mg/Kg		109	78 - 122	0	20
1,3-Dichloropropane			0.0500	0.05125		mg/Kg		102	82 - 120	1	20
2,2-Dichloropropane			0.0500	0.04931		mg/Kg		99	70 - 132	1	20
1,1-Dichloropropene			0.0500	0.04672		mg/Kg		93	74 - 126	0	20
Ethylbenzene			0.0500	0.04972		mg/Kg		99	80 - 121	6	30
Ethylene Dibromide			0.0500	0.04768		mg/Kg		95	82 - 118	1	20
Hexachlorobutadiene			0.0500	0.03990	*-	mg/Kg		80	81 - 123	7	20
Hexane			0.0500	0.05312		mg/Kg		106	25 - 150	5	50
2-Hexanone			0.100	0.09982		mg/Kg		100	81 - 132	5	50
Iodomethane			0.0500	0.05178		mg/Kg		104	50 - 150	5	50
Isopropylbenzene			0.0500	0.04740		mg/Kg		95	72 - 129	2	20
4-Isopropyltoluene			0.0500	0.04797		mg/Kg		96	73 - 131	3	20
Methylene Chloride			0.0500	0.05299		mg/Kg		106	72 - 122	0	20
4-Methyl-2-pentanone (MIBK)			0.100	0.1007		mg/Kg		101	81 - 135	3	50
Methyl tert-butyl ether			0.0500	0.05128		mg/Kg		103	80 - 122	1	20
m-Xylene & p-Xylene			0.0500	0.04594		mg/Kg		92	79 - 123	7	30
Naphthalene			0.0500	0.04593		mg/Kg		92	66 - 128	1	30
n-Butylbenzene			0.0500	0.05086		mg/Kg		102	73 - 132	4	20
n-Heptane			0.0500	0.05679		mg/Kg		114	25 - 150	3	50
N-Propylbenzene			0.0500	0.05052		mg/Kg		101	74 - 127	2	20
o-Xylene			0.0500	0.04854		mg/Kg		97	78 - 122	5	30
sec-Butylbenzene			0.0500	0.04849		mg/Kg		97	72 - 131	4	20
Styrene			0.0500	0.04838		mg/Kg		97	79 - 128	4	20
tert-Butylbenzene			0.0500	0.04642		mg/Kg		93	73 - 128	3	20
1,1,1,2-Tetrachloroethane			0.0500	0.04939		mg/Kg		99	78 - 124	1	20
1,1,2,2-Tetrachloroethane			0.0500	0.05393		mg/Kg		108	73 - 121	1	20
Tetrachloroethene			0.0500	0.04314		mg/Kg		86	74 - 121	6	20
Toluene			0.0500	0.04980		mg/Kg		100	77 - 123	0	30
trans-1,4-Dichloro-2-butene			0.0500	0.05511		mg/Kg		110	50 - 150	6	50
trans-1,2-Dichloroethene			0.0500	0.05321		mg/Kg		106	76 - 124	4	20
trans-1,3-Dichloropropene			0.0500	0.04953		mg/Kg		99	70 - 131	0	20
1,2,3-Trichlorobenzene			0.0500	0.04411		mg/Kg		88	70 - 128	2	20
1,2,4-Trichlorobenzene			0.0500	0.04171		mg/Kg		83	69 - 130	8	20
1,1,1-Trichloroethane			0.0500	0.04956		mg/Kg		99	73 - 126	5	20
1,1,2-Trichloroethane			0.0500	0.05186		mg/Kg		104	77 - 124	5	20
Trichloroethene			0.0500	0.04459		mg/Kg		89	79 - 121	4	30
Trichlorofluoromethane			0.0500	0.04809		mg/Kg		96	77 - 128	9	50
1,2,3-Trichloropropane			0.0500	0.04812		mg/Kg		96	68 - 125	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04545		mg/Kg		91	80 - 121	8	50
1,2,4-Trimethylbenzene			0.0500	0.04646		mg/Kg		93	75 - 125	3	20
1,3,5-Trimethylbenzene			0.0500	0.04794		mg/Kg		96	74 - 128	4	20
Vinyl acetate			0.100	0.1001		mg/Kg		100	50 - 150	3	50
Vinyl chloride			0.0500	0.06909	*+	mg/Kg		138	68 - 130	5	20
Xylenes, Total			0.100	0.09448		mg/Kg		94	79 - 122	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 127*

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

Lab Sample ID: LCSD 705-101729/2
Matrix: Solid
Analysis Batch: 101729

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: LCSD 705-101729/4
Matrix: Solid
Analysis Batch: 101729

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl acetate			0.100	0.1061		mg/Kg		106	25 - 150	3	50
Isopropyl ether			0.0500	0.05811		mg/Kg		116	50 - 150	1	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*91*		*67 - 127*
Dibromofluoromethane	*104*		*80 - 119*
Toluene-d8 (Surr)	*106*		*71 - 129*

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/17/25 14:30	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 14:30	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 14:30	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 14:30	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 14:30	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 14:30	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 14:30	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 14:30	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 14:30	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 14:30	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 14:30	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 14:30	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 14:30	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 14:30	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 14:30	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 14:30	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 14:30	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 14:30	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 14:30	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 14:30	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 14:30	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 14:30	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 14:30	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 14:30	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 14:30	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 14:30	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 14:30	1

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

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 14:30	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 14:30	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 14:30	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 14:30	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/17/25 14:30	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 14:30	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 14:30	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 14:30	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 14:30	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 14:30	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 14:30	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 14:30	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 14:30	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 14:30	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 14:30	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 14:30	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 14:30	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 14:30	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 14:30	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 14:30	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 14:30	1
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 14:30	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 14:30	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 14:30	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 14:30	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 14:30	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 14:30	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 14:30	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 14:30	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 14:30	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 14:30	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 14:30	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 14:30	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 14:30	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 14:30	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 14:30	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 14:30	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 14:30	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 14:30	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 14:30	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 14:30	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 14:30	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 14:30	1

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

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 126		12/17/25 14:30	1
Dibromofluoromethane	103		77 - 121		12/17/25 14:30	1
Toluene-d8 (Surr)	100		79 - 119		12/17/25 14:30	1

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	34.62		ug/L		87	62 - 136
Benzene	20.0	20.80		ug/L		104	76 - 122
Bromobenzene	20.0	20.13		ug/L		101	77 - 125
Bromoform	20.0	20.08		ug/L		100	65 - 129
Bromomethane	20.0	20.59		ug/L		103	60 - 138
2-Butanone (MEK)	40.0	36.34		ug/L		91	74 - 131
Carbon disulfide	20.0	21.41		ug/L		107	71 - 122
Carbon tetrachloride	20.0	21.90		ug/L		110	72 - 131
Chlorobenzene	20.0	21.18		ug/L		106	75 - 121
Chlorobromomethane	20.0	20.48		ug/L		102	77 - 120
Chlorodibromomethane	20.0	20.01		ug/L		100	70 - 131
Chloroethane	20.0	20.73		ug/L		104	55 - 138
Chloroform	20.0	20.77		ug/L		104	73 - 121
Chloromethane	20.0	21.31		ug/L		107	57 - 129
2-Chlorotoluene	20.0	21.22		ug/L		106	75 - 123
4-Chlorotoluene	20.0	21.80		ug/L		109	76 - 124
cis-1,2-Dichloroethene	20.0	20.61		ug/L		103	76 - 121
cis-1,3-Dichloropropene	20.0	20.65		ug/L		103	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.86		ug/L		89	64 - 125
Dibromomethane	20.0	19.09		ug/L		95	70 - 130
1,2-Dichlorobenzene	20.0	20.80		ug/L		104	69 - 127
1,3-Dichlorobenzene	20.0	21.33		ug/L		107	68 - 128
1,4-Dichlorobenzene	20.0	20.22		ug/L		101	68 - 126
Dichlorobromomethane	20.0	20.20		ug/L		101	70 - 124
1,1-Dichloroethane	20.0	21.04		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.64		ug/L		98	72 - 127
1,1-Dichloroethene	20.0	20.69		ug/L		103	69 - 130
1,2-Dichloropropane	20.0	20.44		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	19.69		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	22.75		ug/L		114	71 - 131
1,1-Dichloropropene	20.0	21.94		ug/L		110	74 - 129
Ethylbenzene	20.0	21.04		ug/L		105	75 - 127
Ethylene Dibromide	20.0	19.74		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	21.97		ug/L		110	65 - 137
Hexane	20.0	23.57		ug/L		118	25 - 150
2-Hexanone	40.0	37.34		ug/L		93	70 - 130
Iodomethane	20.0	16.39		ug/L		82	50 - 150
Isopropylbenzene	20.0	22.38		ug/L		112	76 - 125
4-Isopropyltoluene	20.0	23.07		ug/L		115	78 - 126

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

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	20.0	19.94		ug/L		100	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.13		ug/L		95	76 - 122
Methyl tert-butyl ether	20.0	18.70		ug/L		94	76 - 123
m-Xylene & p-Xylene	20.0	21.13		ug/L		106	76 - 128
Naphthalene	20.0	18.77		ug/L		94	67 - 129
n-Butylbenzene	20.0	22.66		ug/L		113	71 - 131
n-Heptane	20.0	25.09		ug/L		125	25 - 150
N-Propylbenzene	20.0	22.01		ug/L		110	75 - 127
o-Xylene	20.0	21.12		ug/L		106	78 - 124
sec-Butylbenzene	20.0	23.46		ug/L		117	74 - 127
Styrene	20.0	22.29		ug/L		111	71 - 129
tert-Butylbenzene	20.0	22.65		ug/L		113	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.76		ug/L		104	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.14		ug/L		96	73 - 127
Tetrachloroethene	20.0	22.66		ug/L		113	74 - 129
Toluene	20.0	21.26		ug/L		106	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.28		ug/L		96	50 - 150
trans-1,2-Dichloroethene	20.0	20.87		ug/L		104	74 - 124
trans-1,3-Dichloropropene	20.0	19.95		ug/L		100	59 - 135
1,2,3-Trichlorobenzene	20.0	20.43		ug/L		102	65 - 130
1,2,4-Trichlorobenzene	20.0	20.47		ug/L		102	65 - 131
1,1,1-Trichloroethane	20.0	21.21		ug/L		106	71 - 124
1,1,2-Trichloroethane	20.0	19.38		ug/L		97	69 - 127
Trichloroethene	20.0	20.97		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	22.34		ug/L		112	63 - 142
1,2,3-Trichloropropane	20.0	18.44		ug/L		92	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.85		ug/L		114	74 - 122
1,2,4-Trimethylbenzene	20.0	22.39		ug/L		112	80 - 123
1,3,5-Trimethylbenzene	20.0	22.35		ug/L		112	79 - 124
Vinyl acetate	40.0	42.36		ug/L		106	50 - 150
Vinyl chloride	20.0	21.83		ug/L		109	65 - 132
Xylenes, Total	40.0	42.25		ug/L		106	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: LCS 705-102332/1003
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropyl ether	20.0	15.96		ug/L		80	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 126*

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

Lab Sample ID: LCS 705-102332/1003
Matrix: Water
Analysis Batch: 102332

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			12/18/25 12:38	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 12:38	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 12:38	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 12:38	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 12:38	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 12:38	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 12:38	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 12:38	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 12:38	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 12:38	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 12:38	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 12:38	1
Chloroform	ND		1.00	0.216	ug/L			12/18/25 12:38	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 12:38	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/18/25 12:38	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 12:38	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 12:38	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 12:38	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 12:38	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 12:38	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 12:38	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 12:38	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 12:38	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 12:38	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 12:38	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 12:38	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 12:38	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 12:38	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 12:38	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 12:38	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 12:38	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 12:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 12:38	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 12:38	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 12:38	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 12:38	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 12:38	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 12:38	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 12:38	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 12:38	1

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

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 12:38	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 12:38	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 12:38	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 12:38	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 12:38	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 12:38	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 12:38	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 12:38	1
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 12:38	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 12:38	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 12:38	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 12:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 12:38	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 12:38	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 12:38	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 12:38	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 12:38	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 12:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 12:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 12:38	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 12:38	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/18/25 12:38	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 12:38	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 12:38	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 12:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 12:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 12:38	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 12:38	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 12:38	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/18/25 12:38*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/18/25 12:38*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 12:38*	*1*

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	38.84		ug/L		97	62 - 136		
Benzene			20.0	18.60		ug/L		93	76 - 122		
Bromobenzene			20.0	18.42		ug/L		92	77 - 125		
Bromoform			20.0	19.04		ug/L		95	65 - 129		

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

Lab Sample ID: LCS 705-102601/1001
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 102601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	20.91		ug/L		105	60 - 138
2-Butanone (MEK)	40.0	36.43		ug/L		91	74 - 131
Carbon disulfide	20.0	19.65		ug/L		98	71 - 122
Carbon tetrachloride	20.0	18.53		ug/L		93	72 - 131
Chlorobenzene	20.0	18.79		ug/L		94	75 - 121
Chlorobromomethane	20.0	19.46		ug/L		97	77 - 120
Chlorodibromomethane	20.0	18.80		ug/L		94	70 - 131
Chloroethane	20.0	23.62		ug/L		118	55 - 138
Chloroform	20.0	18.67		ug/L		93	73 - 121
Chloromethane	20.0	23.16		ug/L		116	57 - 129
2-Chlorotoluene	20.0	17.88		ug/L		89	75 - 123
4-Chlorotoluene	20.0	18.51		ug/L		93	76 - 124
cis-1,2-Dichloroethene	20.0	18.62		ug/L		93	76 - 121
cis-1,3-Dichloropropene	20.0	19.52		ug/L		98	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.86		ug/L		99	64 - 125
Dibromomethane	20.0	19.21		ug/L		96	70 - 130
1,2-Dichlorobenzene	20.0	18.24		ug/L		91	69 - 127
1,3-Dichlorobenzene	20.0	18.50		ug/L		93	68 - 128
1,4-Dichlorobenzene	20.0	18.41		ug/L		92	68 - 126
Dichlorobromomethane	20.0	19.87		ug/L		99	70 - 124
1,1-Dichloroethane	20.0	22.44		ug/L		112	65 - 126
1,2-Dichloroethane	20.0	18.95		ug/L		95	72 - 127
1,1-Dichloroethene	20.0	20.32		ug/L		102	69 - 130
1,2-Dichloropropane	20.0	19.32		ug/L		97	71 - 121
1,3-Dichloropropane	20.0	19.67		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	19.92		ug/L		100	71 - 131
1,1-Dichloropropene	20.0	18.10		ug/L		91	74 - 129
Ethylbenzene	20.0	17.81		ug/L		89	75 - 127
Ethylene Dibromide	20.0	19.27		ug/L		96	68 - 133
Hexachlorobutadiene	20.0	18.71		ug/L		94	65 - 137
Hexane	20.0	21.94		ug/L		110	25 - 150
2-Hexanone	40.0	42.47		ug/L		106	70 - 130
Iodomethane	20.0	20.66		ug/L		103	50 - 150
Isopropylbenzene	20.0	16.44		ug/L		82	76 - 125
4-Isopropyltoluene	20.0	17.81		ug/L		89	78 - 126
Methylene Chloride	20.0	21.05		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.77		ug/L		97	76 - 122
Methyl tert-butyl ether	20.0	22.47		ug/L		112	76 - 123
m-Xylene & p-Xylene	20.0	19.02		ug/L		95	76 - 128
Naphthalene	20.0	16.82		ug/L		84	67 - 129
n-Butylbenzene	20.0	17.88		ug/L		89	71 - 131
n-Heptane	20.0	21.44		ug/L		107	25 - 150
N-Propylbenzene	20.0	18.47		ug/L		92	75 - 127
o-Xylene	20.0	17.12		ug/L		86	78 - 124
sec-Butylbenzene	20.0	17.85		ug/L		89	74 - 127
Styrene	20.0	18.83		ug/L		94	71 - 129
tert-Butylbenzene	20.0	18.24		ug/L		91	72 - 127
1,1,1,2-Tetrachloroethane	20.0	16.57		ug/L		83	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.47		ug/L		97	73 - 127

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

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	20.0	20.12		ug/L		101	74 - 129
Toluene	20.0	18.66		ug/L		93	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.32		ug/L		92	50 - 150
trans-1,2-Dichloroethene	20.0	21.42		ug/L		107	74 - 124
trans-1,3-Dichloropropene	20.0	19.67		ug/L		98	59 - 135
1,2,3-Trichlorobenzene	20.0	17.70		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	17.84		ug/L		89	65 - 131
1,1,1-Trichloroethane	20.0	18.92		ug/L		95	71 - 124
1,1,2-Trichloroethane	20.0	18.96		ug/L		95	69 - 127
Trichloroethene	20.0	18.62		ug/L		93	72 - 129
Trichlorofluoromethane	20.0	24.15		ug/L		121	63 - 142
1,2,3-Trichloropropane	20.0	20.20		ug/L		101	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.82		ug/L		109	74 - 122
1,2,4-Trimethylbenzene	20.0	18.26		ug/L		91	80 - 123
1,3,5-Trimethylbenzene	20.0	18.46		ug/L		92	79 - 124
Vinyl acetate	40.0	50.74		ug/L		127	50 - 150
Vinyl chloride	20.0	22.10		ug/L		111	65 - 132
Xylenes, Total	40.0	36.14		ug/L		90	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: LCS 705-102601/1003
Matrix: Water
Analysis Batch: 102601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	40.0	44.64		ug/L		112	25 - 150
Isopropyl ether	20.0	26.55	*+	ug/L		133	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

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

Lab Sample ID: MB 400-733429/1-A
Matrix: Solid
Analysis Batch: 733460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1

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

Lab Sample ID: MB 400-733429/1-A
Matrix: Solid
Analysis Batch: 733460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Acetophenone	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Anthracene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Atrazine	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Caprolactam	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Carbazole	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Chrysene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Fluorene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1

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

Lab Sample ID: MB 400-733429/1-A
Matrix: Solid
Analysis Batch: 733460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Isophorone	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Naphthalene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Phenol	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1
Pyrene	ND		0.330	0.0330	mg/Kg		12/11/25 09:27	12/11/25 19:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*135*		*40 - 140*	*12/11/25 09:27*	*12/11/25 19:12*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*12/11/25 09:27*	*12/11/25 19:12*	*1*
2-Fluorophenol (Surr)	*95*		*40 - 140*	*12/11/25 09:27*	*12/11/25 19:12*	*1*
Nitrobenzene-d5 (Surr)	*133*		*40 - 140*	*12/11/25 09:27*	*12/11/25 19:12*	*1*
Phenol-d5 (Surr)	*79*		*40 - 140*	*12/11/25 09:27*	*12/11/25 19:12*	*1*
Terphenyl-d14 (Surr)	*105*		*40 - 140*	*12/11/25 09:27*	*12/11/25 19:12*	*1*

Lab Sample ID: LCS 400-733429/2-A
Matrix: Solid
Analysis Batch: 733460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.541		mg/Kg		103	19 - 126
2,4,5-Trichlorophenol	1.50	1.280		mg/Kg		85	10 - 150
2,4,6-Trichlorophenol	1.50	1.455		mg/Kg		97	10 - 150
2,4-Dichlorophenol	1.50	1.879		mg/Kg		125	10 - 150
2,4-Dimethylphenol	1.50	0.2074	J	mg/Kg		14	10 - 141
2,4-Dinitrophenol	3.00	4.006		mg/Kg		134	10 - 150
2,4-Dinitrotoluene	1.50	2.542	*+	mg/Kg		169	31 - 136
2,6-Dinitrotoluene	1.50	2.656	*+	mg/Kg		177	31 - 137
2-Chloronaphthalene	1.50	1.849		mg/Kg		123	20 - 126
2-Chlorophenol	1.50	1.457		mg/Kg		97	10 - 150
2-Methylnaphthalene	1.50	1.770		mg/Kg		118	20 - 150
2-Methylphenol	1.50	1.379		mg/Kg		92	18 - 126
2-Nitroaniline	1.50	2.210		mg/Kg		147	30 - 150
2-Nitrophenol	1.50	2.572	*+	mg/Kg		171	19 - 150
3 & 4 Methylphenol	1.50	1.225		mg/Kg		82	10 - 150
3,3'-Dichlorobenzidine	3.00	2.285		mg/Kg		76	10 - 124
3-Nitroaniline	1.50	2.056		mg/Kg		137	10 - 148
4,6-Dinitro-2-methylphenol	3.00	4.515	*+	mg/Kg		151	15 - 150
4-Bromophenyl phenyl ether	1.50	1.473		mg/Kg		98	21 - 129
4-Chloro-3-methylphenol	1.50	1.540		mg/Kg		103	16 - 150
4-Chloroaniline	1.50	1.391		mg/Kg		93	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.677		mg/Kg		112	21 - 124

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

Lab Sample ID: LCS 400-733429/2-A
Matrix: Solid
Analysis Batch: 733460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	1.50	2.128		mg/Kg		142	21 - 146
4-Nitrophenol	3.00	4.468		mg/Kg		149	10 - 150
Acenaphthene	1.50	1.486		mg/Kg		99	21 - 150
Acenaphthylene	1.50	1.599		mg/Kg		107	22 - 150
Acetophenone	1.50	1.442		mg/Kg		96	15 - 128
Anthracene	1.50	1.772		mg/Kg		118	28 - 150
Atrazine	1.50	1.420		mg/Kg		95	10 - 150
Benzaldehyde	1.50	1.004		mg/Kg		67	10 - 150
Benzo[a]anthracene	1.50	1.768		mg/Kg		118	32 - 150
Benzo[a]pyrene	1.50	1.707		mg/Kg		114	24 - 150
Benzo[b]fluoranthene	1.50	1.622		mg/Kg		108	17 - 150
Benzo[g,h,i]perylene	1.50	1.825		mg/Kg		122	25 - 150
Benzo[k]fluoranthene	1.50	1.695		mg/Kg		113	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.395		mg/Kg		93	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.931		mg/Kg		129	16 - 132
Bis(2-chloroethyl)ether	1.50	1.449		mg/Kg		97	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.781		mg/Kg		119	12 - 150
Butyl benzyl phthalate	1.50	2.032		mg/Kg		135	24 - 150
Caprolactam	1.50	1.585		mg/Kg		106	10 - 150
Carbazole	1.50	1.757		mg/Kg		117	16 - 150
Chrysene	1.50	1.746		mg/Kg		116	31 - 150
Dibenz(a,h)anthracene	1.50	1.752		mg/Kg		117	26 - 150
Dibenzofuran	1.50	1.676		mg/Kg		112	27 - 123
Diethyl phthalate	1.50	1.650		mg/Kg		110	20 - 150
Dimethyl phthalate	1.50	1.783		mg/Kg		119	21 - 140
Di-n-butyl phthalate	1.50	1.878		mg/Kg		125	10 - 150
Di-n-octyl phthalate	1.50	2.020		mg/Kg		135	23 - 150
Fluoranthene	1.50	1.705		mg/Kg		114	27 - 150
Fluorene	1.50	1.755		mg/Kg		117	21 - 150
Hexachlorobenzene	1.50	1.667		mg/Kg		111	23 - 121
Hexachlorobutadiene	1.50	1.758		mg/Kg		117	15 - 120
Hexachlorocyclopentadiene	1.50	2.168	*+	mg/Kg		145	14 - 132
Hexachloroethane	1.50	1.798		mg/Kg		120	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.816		mg/Kg		121	33 - 150
Isophorone	1.50	1.411		mg/Kg		94	22 - 129
Naphthalene	1.50	1.798		mg/Kg		120	17 - 150
Nitrobenzene	1.50	2.185	*+	mg/Kg		146	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.575		mg/Kg		105	23 - 128
N-Nitrosodiphenylamine	1.49	1.535		mg/Kg		103	21 - 137
Pentachlorophenol	3.00	3.999		mg/Kg		133	10 - 150
Phenanthrene	1.50	1.752		mg/Kg		117	24 - 150
Phenol	1.50	1.272		mg/Kg		85	10 - 150
Pyrene	1.50	1.761		mg/Kg		117	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*152*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*108*		*40 - 140*
2-Fluorophenol (Surr)	*94*		*40 - 140*

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

Lab Sample ID: LCS 400-733429/2-A
Matrix: Solid
Analysis Batch: 733460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733429

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*133*		*40 - 140*
Phenol-d5 (Surr)	*82*		*40 - 140*
Terphenyl-d14 (Surr)	*106*		*40 - 140*

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

Lab Sample ID: MB 400-733621/1-A
Matrix: Solid
Analysis Batch: 733966

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		12/12/25 10:42	12/16/25 15:12	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*72*		*10 - 150*	*12/12/25 10:42*	*12/16/25 15:12*	*1*

Lab Sample ID: LCS 400-733621/2-A
Matrix: Solid
Analysis Batch: 733966

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733621

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2584		mg/Kg		97	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*68*		*10 - 150*

Lab Sample ID: 752-40094-1 MS
Matrix: Solid
Analysis Batch: 733966

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 733621

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		0.346	0.3438		mg/Kg	☼	99	50 - 150		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*62*		*10 - 150*

Lab Sample ID: 752-40094-1 MSD
Matrix: Solid
Analysis Batch: 733966

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 733621

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.347	0.3387		mg/Kg	☼	98	50 - 150	1	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*61*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-102116/1-A
Matrix: Solid
Analysis Batch: 102065

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			12/17/25 05:54	1

Lab Sample ID: LCS 705-102116/2-A
Matrix: Solid
Analysis Batch: 102065

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	53.14		mg/Kg		106	90 - 110

Lab Sample ID: 752-40094-1 MS
Matrix: Solid
Analysis Batch: 102065

Client Sample ID: SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND		64.4	66.10		mg/Kg	☼	103	80 - 120

Lab Sample ID: 752-40094-1 MSD
Matrix: Solid
Analysis Batch: 102065

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
Nitrate as N	ND		64.4	64.84		mg/Kg	☼	101	80 - 120	2	15

Lab Sample ID: MB 705-102116/1-A
Matrix: Solid
Analysis Batch: 102066

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			12/17/25 05:54	1

Lab Sample ID: LCS 705-102116/2-A
Matrix: Solid
Analysis Batch: 102066

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	243.3		mg/Kg		97	90 - 110

Lab Sample ID: 752-40094-1 MS
Matrix: Solid
Analysis Batch: 102066

Client Sample ID: SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	30.6		322	345.9		mg/Kg	☼	98	80 - 120

Lab Sample ID: 752-40094-1 MSD
Matrix: Solid
Analysis Batch: 102066

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
Sulfate	30.6		322	333.3		mg/Kg	☼	94	80 - 120	4	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-101326/1-A
Matrix: Solid
Analysis Batch: 101681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Arsenic	ND		0.600	0.0535	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Barium	ND		2.50	0.0142	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Beryllium	ND		0.500	0.0351	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Cadmium	ND		0.500	0.0163	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Chromium	ND		1.00	0.206	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Cobalt	ND		0.750	0.0283	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Copper	0.1071	J	0.500	0.0520	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Lead	ND		0.500	0.0590	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Manganese	0.06352	J	1.00	0.0615	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Nickel	ND		1.00	0.0262	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Selenium	ND		2.50	0.178	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Silver	0.03072	J	0.250	0.00290	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Thallium	ND		0.700	0.0422	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Vanadium	ND		1.00	0.126	mg/Kg		12/13/25 15:14	12/14/25 21:36	5
Zinc	ND		2.50	2.08	mg/Kg		12/13/25 15:14	12/14/25 21:36	5

Lab Sample ID: LCS 705-101326/2-A
Matrix: Solid
Analysis Batch: 101681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.434		mg/Kg		94	80 - 120
Arsenic	10.0	9.690		mg/Kg		97	80 - 120
Barium	10.0	8.933		mg/Kg		89	80 - 120
Beryllium	10.0	10.08		mg/Kg		101	80 - 120
Cadmium	10.0	9.421		mg/Kg		94	80 - 120
Chromium	10.0	10.19		mg/Kg		102	80 - 120
Cobalt	10.0	10.44		mg/Kg		104	80 - 120
Copper	10.0	10.42		mg/Kg		104	80 - 120
Lead	10.0	10.16		mg/Kg		102	80 - 120
Manganese	10.0	10.03		mg/Kg		100	80 - 120
Nickel	10.0	10.01		mg/Kg		100	80 - 120
Selenium	10.0	9.559		mg/Kg		96	80 - 120
Silver	1.00	1.139		mg/Kg		114	80 - 120
Thallium	10.0	10.26		mg/Kg		103	80 - 120
Vanadium	10.0	9.813		mg/Kg		98	80 - 120
Zinc	10.0	10.19		mg/Kg		102	80 - 120

Lab Sample ID: 752-40094-1 MS
Matrix: Solid
Analysis Batch: 101681

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 101326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	8.92	6.482	F1	mg/Kg	☼	73	75 - 125
Arsenic	0.586		8.92	8.416		mg/Kg	☼	88	75 - 125
Barium	10.7		8.92	20.04		mg/Kg	☼	104	75 - 125
Beryllium	ND		8.92	8.426		mg/Kg	☼	94	75 - 125
Cadmium	0.0423	J	8.92	7.674		mg/Kg	☼	86	75 - 125

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

Lab Sample ID: 752-40094-1 MS
Matrix: Solid
Analysis Batch: 101681

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 101326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	8.89	F1	8.92	23.45	F1	mg/Kg	☼	163	75 - 125
Cobalt	2.61		8.92	11.61		mg/Kg	☼	101	75 - 125
Copper	3.40	B	8.92	12.31		mg/Kg	☼	100	75 - 125
Lead	7.76	F1	8.92	13.28	F1	mg/Kg	☼	62	75 - 125
Manganese	72.7	B	8.92	66.33	4	mg/Kg	☼	-71	75 - 125
Nickel	3.79		8.92	12.90		mg/Kg	☼	102	75 - 125
Selenium	ND		8.92	7.560		mg/Kg	☼	85	75 - 125
Silver	0.230	B	0.892	1.254		mg/Kg	☼	115	75 - 125
Thallium	ND		8.92	8.646		mg/Kg	☼	97	75 - 125
Vanadium	8.21	F1	8.92	21.80	F1	mg/Kg	☼	152	75 - 125
Zinc	19.1	F1	8.92	31.88	F1	mg/Kg	☼	144	75 - 125

Lab Sample ID: 752-40094-1 MSD
Matrix: Solid
Analysis Batch: 101681

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 101326

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	8.92	6.118	F1	mg/Kg	☼	69	75 - 125	6	20
Arsenic	0.586		8.92	7.898		mg/Kg	☼	82	75 - 125	6	20
Barium	10.7		8.92	18.64		mg/Kg	☼	89	75 - 125	7	20
Beryllium	ND		8.92	7.315		mg/Kg	☼	82	75 - 125	14	20
Cadmium	0.0423	J	8.92	7.447		mg/Kg	☼	83	75 - 125	3	20
Chromium	8.89	F1	8.92	19.25		mg/Kg	☼	116	75 - 125	20	20
Cobalt	2.61		8.92	10.33		mg/Kg	☼	87	75 - 125	12	20
Copper	3.40	B	8.92	11.46		mg/Kg	☼	90	75 - 125	7	20
Lead	7.76	F1	8.92	12.10	F1	mg/Kg	☼	49	75 - 125	9	20
Manganese	72.7	B	8.92	59.82	4	mg/Kg	☼	-144	75 - 125	10	20
Nickel	3.79		8.92	11.53		mg/Kg	☼	87	75 - 125	11	20
Selenium	ND		8.92	6.712		mg/Kg	☼	75	75 - 125	12	20
Silver	0.230	B	0.892	1.055		mg/Kg	☼	93	75 - 125	17	20
Thallium	ND		8.92	8.185		mg/Kg	☼	92	75 - 125	5	20
Vanadium	8.21	F1	8.92	19.79	F1	mg/Kg	☼	130	75 - 125	10	20
Zinc	19.1	F1	8.92	32.90	F1	mg/Kg	☼	155	75 - 125	3	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-101724/1-A
Matrix: Solid
Analysis Batch: 102502

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101724

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		12/16/25 10:40	12/16/25 18:20	1

Lab Sample ID: LCS 705-101724/2-A
Matrix: Solid
Analysis Batch: 102502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101724

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.3923		mg/Kg		98	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-734454/19
Matrix: Solid
Analysis Batch: 734454

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			0.0500	0.04400	J	mg/L		88	50 - 150		

Lab Sample ID: MB 400-734277/1-A
Matrix: Solid
Analysis Batch: 734454

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		1.00	0.321	mg/Kg			12/19/25 12:08	1

Lab Sample ID: LCS 400-734277/2-A
Matrix: Solid
Analysis Batch: 734454

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.1	60.45		mg/Kg		102	90 - 110		

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-733802/1-A
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		12/15/25 10:01	12/17/25 22:15	1

Lab Sample ID: LCS 400-733802/2-A
Matrix: Solid
Analysis Batch: 734145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733802

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	2.035		mg/Kg		102	85 - 115		

GC/MS VOA

Prep Batch: 101184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	5035	
752-40094-2	SED-2	Total/NA	Solid	5035	
752-40094-3	SED-3	Total/NA	Solid	5035	
752-40094-4	SED-4	Total/NA	Solid	5035	
752-40094-5	SED-5	Total/NA	Solid	5035	
752-40094-5	SED-5	Total/NA	Solid	5035	
752-40094-6	SED-6	Total/NA	Solid	5035	
752-40094-7	SED-Dup	Total/NA	Solid	5035	

Analysis Batch: 101572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	8260D	101184
752-40094-2	SED-2	Total/NA	Solid	8260D	101184
752-40094-3	SED-3	Total/NA	Solid	8260D	101184
752-40094-4	SED-4	Total/NA	Solid	8260D	101184
752-40094-5	SED-5	Total/NA	Solid	8260D	101184
MB 705-101572/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-101572/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-101572/1002	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-101572/3	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-101572/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 101729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-5	SED-5	Total/NA	Solid	8260D	101184
752-40094-6	SED-6	Total/NA	Solid	8260D	101184
752-40094-7	SED-Dup	Total/NA	Solid	8260D	101184
MB 705-101729/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-101729/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-101729/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-101729/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-101729/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 102332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-8	Trip Blank	Total/NA	Water	8260D	
MB 705-102332/5	Method Blank	Total/NA	Water	8260D	
LCS 705-102332/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102332/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 102601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-8	Trip Blank	Total/NA	Water	8260D	
MB 705-102601/9	Method Blank	Total/NA	Water	8260D	
LCS 705-102601/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102601/1003	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	3546	
752-40094-2	SED-2	Total/NA	Solid	3546	
752-40094-3	SED-3	Total/NA	Solid	3546	
752-40094-4	SED-4	Total/NA	Solid	3546	
752-40094-5	SED-5	Total/NA	Solid	3546	
752-40094-6	SED-6	Total/NA	Solid	3546	
752-40094-7	SED-Dup	Total/NA	Solid	3546	
MB 400-733429/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-733429/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 733460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-733429/1-A	Method Blank	Total/NA	Solid	8270E	733429
LCS 400-733429/2-A	Lab Control Sample	Total/NA	Solid	8270E	733429

Prep Batch: 733621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	3546	
752-40094-2	SED-2	Total/NA	Solid	3546	
752-40094-3	SED-3	Total/NA	Solid	3546	
752-40094-4	SED-4	Total/NA	Solid	3546	
752-40094-5	SED-5	Total/NA	Solid	3546	
752-40094-6	SED-6	Total/NA	Solid	3546	
752-40094-7	SED-Dup	Total/NA	Solid	3546	
MB 400-733621/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-733621/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-40094-1 MS	SED-1	Total/NA	Solid	3546	
752-40094-1 MSD	SED-1	Total/NA	Solid	3546	

Analysis Batch: 733790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	8270E	733429
752-40094-2	SED-2	Total/NA	Solid	8270E	733429
752-40094-3	SED-3	Total/NA	Solid	8270E	733429
752-40094-4	SED-4	Total/NA	Solid	8270E	733429
752-40094-5	SED-5	Total/NA	Solid	8270E	733429
752-40094-6	SED-6	Total/NA	Solid	8270E	733429
752-40094-7	SED-Dup	Total/NA	Solid	8270E	733429

Analysis Batch: 733966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	8270E SIM ID	733621
752-40094-2	SED-2	Total/NA	Solid	8270E SIM ID	733621
752-40094-3	SED-3	Total/NA	Solid	8270E SIM ID	733621
752-40094-4	SED-4	Total/NA	Solid	8270E SIM ID	733621
752-40094-5	SED-5	Total/NA	Solid	8270E SIM ID	733621
752-40094-6	SED-6	Total/NA	Solid	8270E SIM ID	733621
752-40094-7	SED-Dup	Total/NA	Solid	8270E SIM ID	733621
MB 400-733621/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	733621
LCS 400-733621/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	733621
752-40094-1 MS	SED-1	Total/NA	Solid	8270E SIM ID	733621

GC/MS Semi VOA (Continued)

Analysis Batch: 733966 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1 MSD	SED-1	Total/NA	Solid	8270E SIM ID	733621

HPLC/IC

Analysis Batch: 102065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Soluble	Solid	9056A	102116
752-40094-2	SED-2	Soluble	Solid	9056A	102116
752-40094-3	SED-3	Soluble	Solid	9056A	102116
752-40094-4	SED-4	Soluble	Solid	9056A	102116
752-40094-5	SED-5	Soluble	Solid	9056A	102116
752-40094-6	SED-6	Soluble	Solid	9056A	102116
752-40094-7	SED-Dup	Soluble	Solid	9056A	102116
MB 705-102116/1-A	Method Blank	Soluble	Solid	9056A	102116
LCS 705-102116/2-A	Lab Control Sample	Soluble	Solid	9056A	102116
752-40094-1 MS	SED-1	Soluble	Solid	9056A	102116
752-40094-1 MSD	SED-1	Soluble	Solid	9056A	102116

Analysis Batch: 102066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Soluble	Solid	9056A	102116
752-40094-2	SED-2	Soluble	Solid	9056A	102116
752-40094-3	SED-3	Soluble	Solid	9056A	102116
752-40094-4	SED-4	Soluble	Solid	9056A	102116
752-40094-5	SED-5	Soluble	Solid	9056A	102116
752-40094-6	SED-6	Soluble	Solid	9056A	102116
752-40094-7	SED-Dup	Soluble	Solid	9056A	102116
MB 705-102116/1-A	Method Blank	Soluble	Solid	9056A	102116
LCS 705-102116/2-A	Lab Control Sample	Soluble	Solid	9056A	102116
752-40094-1 MS	SED-1	Soluble	Solid	9056A	102116
752-40094-1 MSD	SED-1	Soluble	Solid	9056A	102116

Leach Batch: 102116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Soluble	Solid	DI Leach	
752-40094-2	SED-2	Soluble	Solid	DI Leach	
752-40094-3	SED-3	Soluble	Solid	DI Leach	
752-40094-4	SED-4	Soluble	Solid	DI Leach	
752-40094-5	SED-5	Soluble	Solid	DI Leach	
752-40094-6	SED-6	Soluble	Solid	DI Leach	
752-40094-7	SED-Dup	Soluble	Solid	DI Leach	
MB 705-102116/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-102116/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-40094-1 MS	SED-1	Soluble	Solid	DI Leach	
752-40094-1 MSD	SED-1	Soluble	Solid	DI Leach	

Metals

Prep Batch: 101326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	3050B	
752-40094-2	SED-2	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 101326 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-3	SED-3	Total/NA	Solid	3050B	
752-40094-4	SED-4	Total/NA	Solid	3050B	
752-40094-5	SED-5	Total/NA	Solid	3050B	
752-40094-6	SED-6	Total/NA	Solid	3050B	
752-40094-7	SED-Dup	Total/NA	Solid	3050B	
MB 705-101326/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-101326/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-40094-1 MS	SED-1	Total/NA	Solid	3050B	
752-40094-1 MSD	SED-1	Total/NA	Solid	3050B	

Analysis Batch: 101681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	6020B	101326
752-40094-2	SED-2	Total/NA	Solid	6020B	101326
752-40094-3	SED-3	Total/NA	Solid	6020B	101326
752-40094-4	SED-4	Total/NA	Solid	6020B	101326
752-40094-5	SED-5	Total/NA	Solid	6020B	101326
752-40094-6	SED-6	Total/NA	Solid	6020B	101326
752-40094-7	SED-Dup	Total/NA	Solid	6020B	101326
MB 705-101326/1-A	Method Blank	Total/NA	Solid	6020B	101326
LCS 705-101326/2-A	Lab Control Sample	Total/NA	Solid	6020B	101326
752-40094-1 MS	SED-1	Total/NA	Solid	6020B	101326
752-40094-1 MSD	SED-1	Total/NA	Solid	6020B	101326

Prep Batch: 101724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	7471B	
752-40094-2	SED-2	Total/NA	Solid	7471B	
752-40094-3	SED-3	Total/NA	Solid	7471B	
752-40094-4	SED-4	Total/NA	Solid	7471B	
752-40094-5	SED-5	Total/NA	Solid	7471B	
752-40094-6	SED-6	Total/NA	Solid	7471B	
752-40094-7	SED-Dup	Total/NA	Solid	7471B	
MB 705-101724/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-101724/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 101871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	6020B	101326

Analysis Batch: 102502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	7471B	101724
752-40094-2	SED-2	Total/NA	Solid	7471B	101724
752-40094-3	SED-3	Total/NA	Solid	7471B	101724
752-40094-4	SED-4	Total/NA	Solid	7471B	101724
752-40094-5	SED-5	Total/NA	Solid	7471B	101724
752-40094-6	SED-6	Total/NA	Solid	7471B	101724
752-40094-7	SED-Dup	Total/NA	Solid	7471B	101724
MB 705-101724/1-A	Method Blank	Total/NA	Solid	7471B	101724
LCS 705-101724/2-A	Lab Control Sample	Total/NA	Solid	7471B	101724

General Chemistry

Analysis Batch: 733729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	Moisture	
752-40094-2	SED-2	Total/NA	Solid	Moisture	
752-40094-3	SED-3	Total/NA	Solid	Moisture	
752-40094-4	SED-4	Total/NA	Solid	Moisture	
752-40094-5	SED-5	Total/NA	Solid	Moisture	
752-40094-6	SED-6	Total/NA	Solid	Moisture	
752-40094-7	SED-Dup	Total/NA	Solid	Moisture	
752-40094-2 DU	SED-2	Total/NA	Solid	Moisture	

Prep Batch: 733802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	3060A	
752-40094-2	SED-2	Total/NA	Solid	3060A	
752-40094-3	SED-3	Total/NA	Solid	3060A	
752-40094-4	SED-4	Total/NA	Solid	3060A	
752-40094-5	SED-5	Total/NA	Solid	3060A	
752-40094-6	SED-6	Total/NA	Solid	3060A	
752-40094-7	SED-Dup	Total/NA	Solid	3060A	
MB 400-733802/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-733802/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 734145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Total/NA	Solid	7199	733802
752-40094-2	SED-2	Total/NA	Solid	7199	733802
752-40094-3	SED-3	Total/NA	Solid	7199	733802
752-40094-4	SED-4	Total/NA	Solid	7199	733802
752-40094-5	SED-5	Total/NA	Solid	7199	733802
752-40094-6	SED-6	Total/NA	Solid	7199	733802
752-40094-7	SED-Dup	Total/NA	Solid	7199	733802
MB 400-733802/1-A	Method Blank	Total/NA	Solid	7199	733802
LCS 400-733802/2-A	Lab Control Sample	Total/NA	Solid	7199	733802

Leach Batch: 734277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Soluble	Solid	DI Leach	
752-40094-2	SED-2	Soluble	Solid	DI Leach	
752-40094-3	SED-3	Soluble	Solid	DI Leach	
752-40094-4	SED-4	Soluble	Solid	DI Leach	
752-40094-5	SED-5	Soluble	Solid	DI Leach	
752-40094-6	SED-6	Soluble	Solid	DI Leach	
752-40094-7	SED-Dup	Soluble	Solid	DI Leach	
MB 400-734277/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-734277/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 734454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-1	SED-1	Soluble	Solid	350.1	734277
752-40094-2	SED-2	Soluble	Solid	350.1	734277
752-40094-3	SED-3	Soluble	Solid	350.1	734277
752-40094-4	SED-4	Soluble	Solid	350.1	734277

General Chemistry (Continued)

Analysis Batch: 734454 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40094-5	SED-5	Soluble	Solid	350.1	734277
752-40094-6	SED-6	Soluble	Solid	350.1	734277
752-40094-7	SED-Dup	Soluble	Solid	350.1	734277
MB 400-734277/1-A	Method Blank	Soluble	Solid	350.1	734277
LCS 400-734277/2-A	Lab Control Sample	Soluble	Solid	350.1	734277
MRL 400-734454/19	Lab Control Sample	Total/NA	Solid	350.1	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40094-1
Project/Site: Northgate Park

Client Sample ID: SED-1
Lab Sample ID: 752-40094-1
Date Collected: 12/09/25 13:15
Matrix: Solid
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-1
Lab Sample ID: 752-40094-1
Date Collected: 12/09/25 13:15
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101572	Y1S	EET ATL	12/14/25 19:04
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 16:52
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 16:37
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 06:16
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 06:16
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 21:42
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		10	101871	IF	EET ATL	12/15/25 16:02
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:22
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:26
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 01:50

Client Sample ID: SED-2
Lab Sample ID: 752-40094-2
Date Collected: 12/09/25 13:45
Matrix: Solid
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-2
Lab Sample ID: 752-40094-2
Date Collected: 12/09/25 13:45
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101572	Y1S	EET ATL	12/14/25 19:29
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 17:22

Client Sample ID: SED-2
Lab Sample ID: 752-40094-2

Date Collected: 12/09/25 13:45
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 16:58
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 06:50
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 06:50
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 21:57
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:26
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:29
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 02:03

Client Sample ID: SED-3
Lab Sample ID: 752-40094-3

Date Collected: 12/09/25 14:15
Matrix: Solid
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-3
Lab Sample ID: 752-40094-3

Date Collected: 12/09/25 14:15
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 76.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101572	Y1S	EET ATL	12/14/25 19:54
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 17:52
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 17:19
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 07:35
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 07:35
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 22:00
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:29
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:31
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 02:15

Lab Chronicle

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

Job ID: 752-40094-1

Client Sample ID: SED-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-4
Date Collected: 12/09/25 15:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-4
Matrix: Solid
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101572	Y1S	EET ATL	12/14/25 20:19
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 18:22
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 17:40
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 07:47
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 07:47
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 22:24
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:39
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:34
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 02:28

Client Sample ID: SED-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-5
Date Collected: 12/09/25 15:35
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40094-5
Matrix: Solid
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101572	Y1S	EET ATL	12/14/25 20:44
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101729	Y1S	EET ATL	12/15/25 14:18
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 18:53

Client Sample ID: SED-5
Lab Sample ID: 752-40094-5

Date Collected: 12/09/25 15:35
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 18:01
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 07:58
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 07:58
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 22:27
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:42
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:48
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 02:41

Client Sample ID: SED-6
Lab Sample ID: 752-40094-6

Date Collected: 12/09/25 16:00
Matrix: Solid
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-6
Lab Sample ID: 752-40094-6

Date Collected: 12/09/25 16:00
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101729	Y1S	EET ATL	12/15/25 14:42
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 19:23
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 18:23
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 08:09
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 08:09
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 22:30
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:45
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:50
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 03:18

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40094-1
Project/Site: Northgate Park

Client Sample ID: SED-Dup
Lab Sample ID: 752-40094-7
Date Collected: 12/09/25 00:00
Matrix: Solid
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	733729	TMP	EET PEN	12/13/25 10:29

Client Sample ID: SED-Dup
Lab Sample ID: 752-40094-7
Date Collected: 12/09/25 00:00
Matrix: Solid
Date Received: 12/10/25 08:00
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			101184	RC	EET ATL	12/12/25 10:00
Total/NA	Analysis	8260D		1	101729	Y1S	EET ATL	12/15/25 15:07
Total/NA	Prep	3546			733429	AMM	EET PEN	12/12/25 10:18
Total/NA	Analysis	8270E		1	733790	JAW	EET PEN	12/15/25 19:54
Total/NA	Prep	3546			733621	MH	EET PEN	12/12/25 10:43
Total/NA	Analysis	8270E SIM ID		1	733966	S1B	EET PEN	12/16/25 18:44
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102065	MS	EET ATL	12/17/25 08:21
Soluble	Leach	DI Leach			102116	MS	EET ATL	12/16/25 15:39
Soluble	Analysis	9056A		1	102066	MS	EET ATL	12/17/25 08:21
Total/NA	Prep	3050B			101326	MT	EET ATL	12/13/25 15:14
Total/NA	Analysis	6020B		5	101681	IF	EET ATL	12/14/25 22:33
Total/NA	Prep	7471B			101724	KB	EET ATL	12/16/25 10:40
Total/NA	Analysis	7471B		1	102502	TA	EET ATL	12/16/25 19:49
Soluble	Leach	DI Leach			734277	CAC	EET PEN	12/18/25 14:52
Soluble	Analysis	350.1		1	734454	CAC	EET PEN	12/19/25 12:53
Total/NA	Prep	3060A			733802	AC	EET PEN	12/15/25 10:02
Total/NA	Analysis	7199		1	734145	AR	EET PEN	12/18/25 03:31

Client Sample ID: Trip Blank
Lab Sample ID: 752-40094-8
Date Collected: 12/09/25 00:00
Matrix: Water
Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 20:20
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 19:27

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: 752-40094-1
Project/Site: Northgate Park

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5035	Solid	Ethyl acetate
8260D	5035	Solid	Hexane
8260D	5035	Solid	Isopropyl ether
8260D	5035	Solid	n-Heptane

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

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

Job ID: 752-40094-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7471B	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET ATL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
5035	Closed System Purge and Trap	SW846	EET ATL
7471B	Preparation, Mercury	SW846	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

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

Job ID: 752-40094-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40094-1	SED-1	Solid	12/09/25 13:15	12/10/25 08:00	North Carolina
752-40094-2	SED-2	Solid	12/09/25 13:45	12/10/25 08:00	North Carolina
752-40094-3	SED-3	Solid	12/09/25 14:15	12/10/25 08:00	North Carolina
752-40094-4	SED-4	Solid	12/09/25 15:00	12/10/25 08:00	North Carolina
752-40094-5	SED-5	Solid	12/09/25 15:35	12/10/25 08:00	North Carolina
752-40094-6	SED-6	Solid	12/09/25 16:00	12/10/25 08:00	North Carolina
752-40094-7	SED-Dup	Solid	12/09/25 00:00	12/10/25 08:00	North Carolina
752-40094-8	Trip Blank	Water	12/09/25 00:00	12/10/25 08:00	North Carolina

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone (919) 467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170290-59895.1
Client Contact: Jerry Paul	Phone: (336) 337-7999	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BM			
Email: jpaul@smeinc.com	WO #:			
Project Name: Northgate Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

Other: NCDEQ EQuIS EDDs

752-40094 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_DS - 1,4-Dioxane	8260D - VOC NC 02L List	6020B_LL - PRLF 16 Metals; 7473 - Hg	9056A_ORGFM_28D - Sulfate, 9056A_ORGFM_48H - Nitrate	7199 - Hexavalent Chromium	8260D - VOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	PL	N	N	N	A		
SED-1	12/9/25	1315	G	S			X	X	X	X	X	X	X		
SED-2	↓	1345	↓	↓			X	X	X	X	X	X	X		
SED-3		1415					X	X	X	X	X	X	X		
SED-4		1500					X	X	X	X	X	X	X		
SED-5		1535					X	X	X	X	X	X	X		
SED-6		1605					X	X	X	X	X	X	X		
SED-DUP		—					X	X	X	X	X	X	X		
TRIP BLANK															

Initial Temperature: 1.5/1.3°C
Correction Factor: -0.2°C
Corrected Temperature: 1.3/1.1°C
Temp IR Gun: CRY-T-182
Initials: RY BR PG DW DO HH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/9/25 1800	S&ME		12/9/25 800	
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: 752-7484.1
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 #: 752-40094-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/12/2025	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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350 1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SED-1 (752-40094-1)	12/9/25	13 15 Eastern	G	Solid			X	X	X	X	X		
SED-2 (752-40094-2)	12/9/25	13 45 Eastern	G	Solid			X	X	X	X	X		
SED-3 (752-40094-3)	12/9/25	14 15 Eastern	G	Solid			X	X	X	X	X		
SED-4 (752-40094-4)	12/9/25	15 00 Eastern	G	Solid			X	X	X	X	X		
SED-5 (752-40094-5)	12/9/25	15 35 Eastern	G	Solid			X	X	X	X	X		
SED-6 (752-40094-6)	12/9/25	16 00 Eastern	G	Solid			X	X	X	X	X		
SED-Dup (752-40094-7)	12/9/25	Eastern	G	Solid			X	X	X	X	X		

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

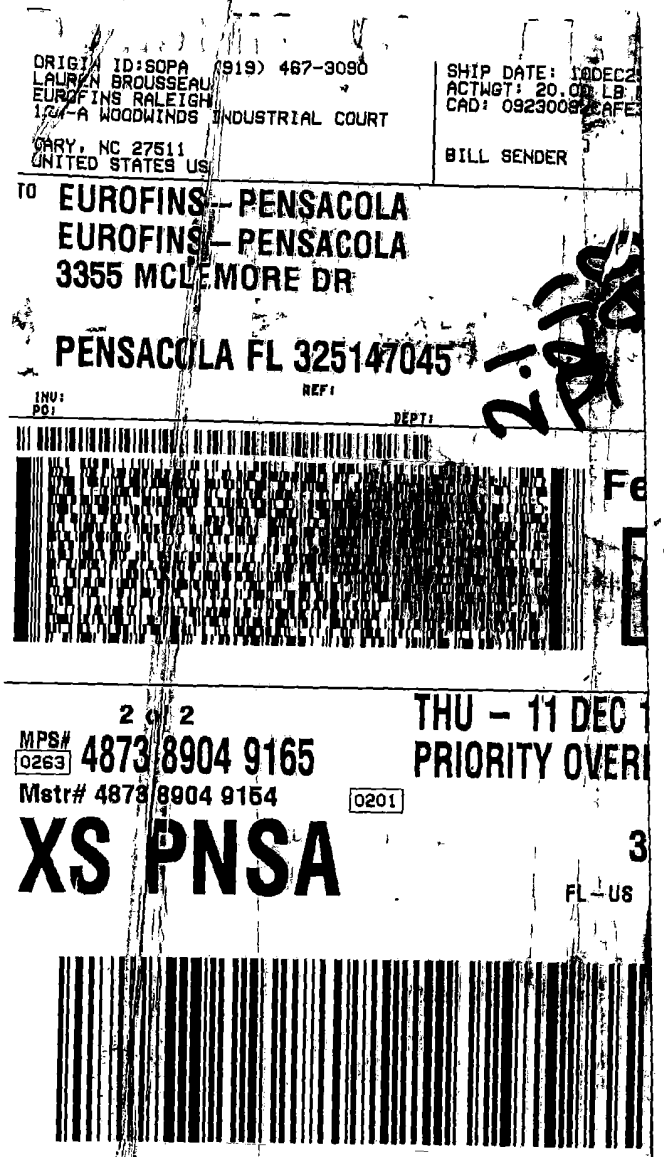
Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PG	12/10/25 16:10			12/11/25 0955	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: 2.1°C, 1.2°C IR 11

Ver: 10/10/2024



ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 10DEC25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953

BILL SENDER

TO EUROFINS – PENSACOLA
EUROFINS – PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

REF:
INV:
PO:
DEPT:

Part # 159460-404 RRDB EXP 08/26

FedEx Express

1 of 2
TRK# 0201 4873 8904 9154
MASTER

THU – 11 DEC 12:00P
PRIORITY OVERNIGHT

XS PNSA

32514
FL – US BFM

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7484.1
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 #: 752-40094-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/12/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_DS/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SED-1 (752-40094-1)	12/9/25	13 15 Eastern	G	Solid			X	X	X	X	X		
SED-2 (752-40094-2)	12/9/25	13 45 Eastern	G	Solid			X	X	X	X	X		
SED-3 (752-40094-3)	12/9/25	14 15 Eastern	G	Solid			X	X	X	X	X		
SED-4 (752-40094-4)	12/9/25	15 00 Eastern	G	Solid			X	X	X	X	X		
SED-5 (752-40094-5)	12/9/25	15 35 Eastern	G	Solid			X	X	X	X	X		
SED-6 (752-40094-6)	12/9/25	16 00 Eastern	G	Solid			X	X	X	X	X		
SED-Dup (752-40094-7)	12/9/25	Eastern	G	Solid			X	X	X	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

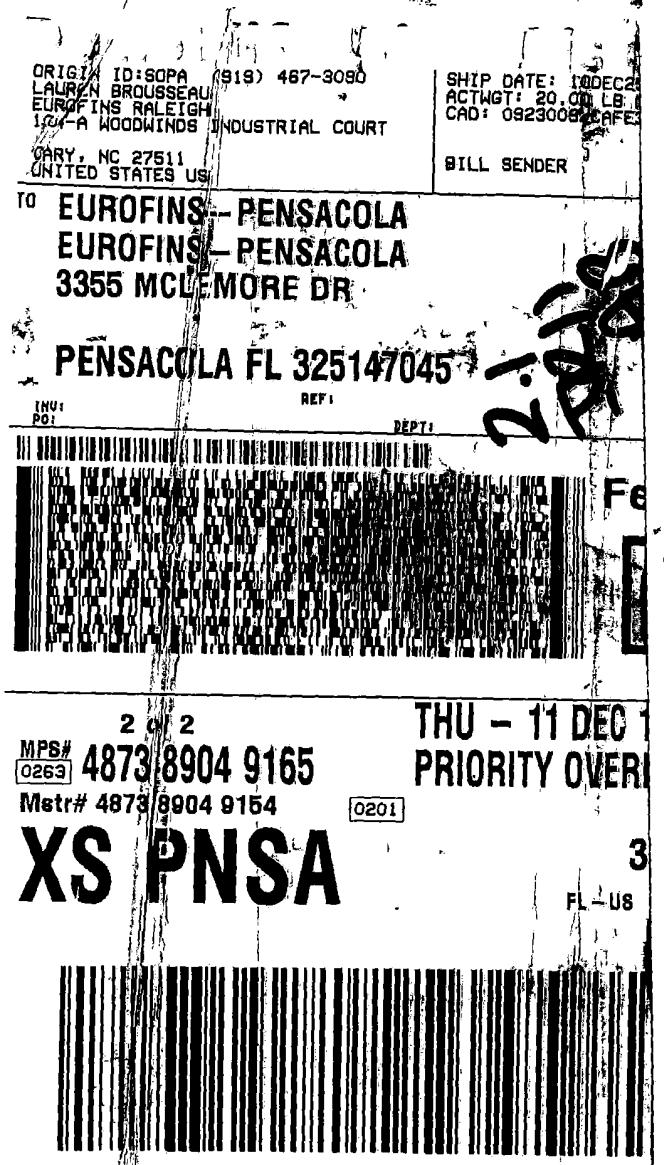
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	PG	12/10/25 16:10			12/11/25 1955	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: 2.1°C, 1.2°C IR 11

Ver: 10/10/2024

12/22/2025



ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 10DEC2
ACTWGT: 20.00 LB
CAD: 0923008/CAFE

BILL SENDER

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

REF:
INV:
PO:
DEPT:

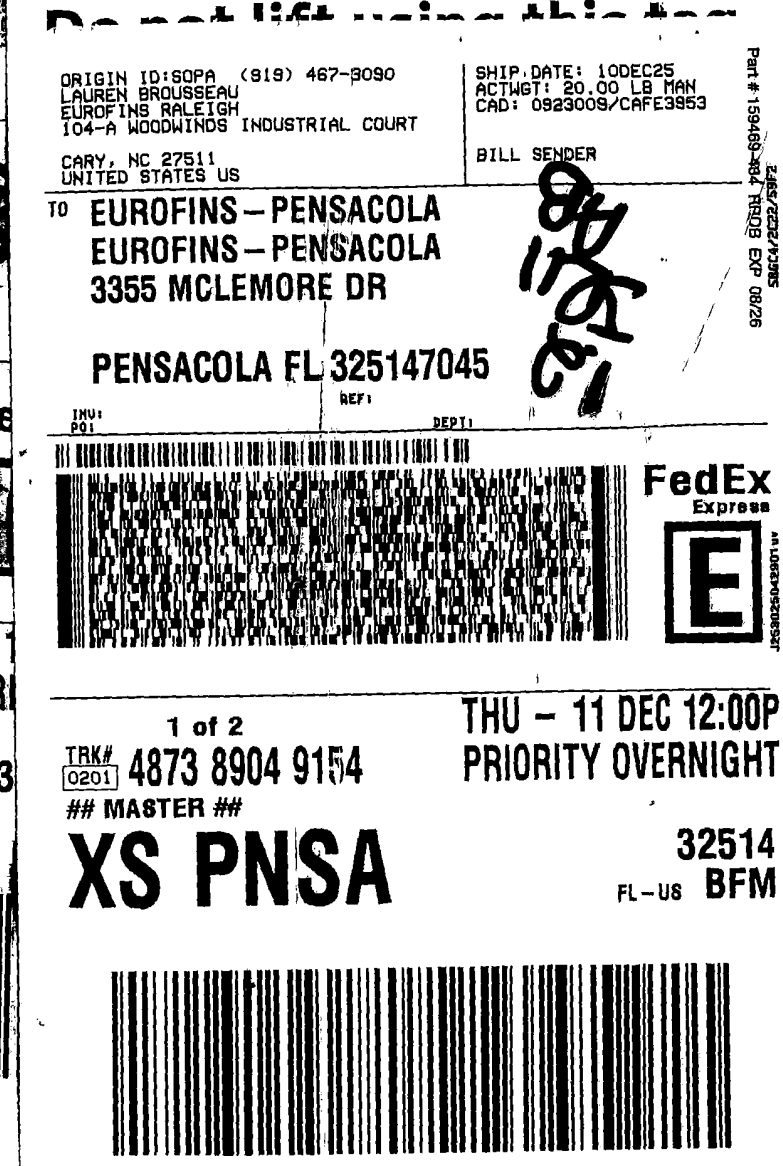
2 of 2
MPS# 0263 4873 8904 9165
Mstr# 4873 8904 9154

THU - 11 DEC
PRIORITY OVER

0201

XS PNSA

FL-US



ORIGIN ID:SOPA (919) 467-3090
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: 10DEC25
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953

BILL SENDER

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

REF:
INV:
PO:
DEPT:

Part # 159469-804 RRDB EXP 08/26

FedEx Express

1 of 2
TRK# 0201 4873 8904 9154
MASTER

THU - 11 DEC 12:00P
PRIORITY OVERNIGHT

XS PNSA

32514
FL-US BFM

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7481.1
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 #: 752-40094-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050BPRLF 16 Metals, including prep	7473Mercury	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	8260D/5035FP_CalcVOC NC 02L List	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SED-1 (752-40094-1)	12/9/25	13:15 Eastern	G	Solid			X	X	X	X	X		5	
SED-2 (752-40094-2)	12/9/25	13:45 Eastern	G	Solid			X	X	X	X	X		5	
SED-3 (752-40094-3)	12/9/25	14:15 Eastern	G	Solid			X	X	X	X	X		5	
SED-4 (752-40094-4)	12/9/25	15:00 Eastern	G	Solid			X	X	X	X	X		5	
SED-5 (752-40094-5)	12/9/25	15:35 Eastern	G	Solid			X	X	X	X	X		5	
SED-6 (752-40094-6)	12/9/25	16:00 Eastern	G	Solid			X	X	X	X	X		5	
SED-Dup (752-40094-7)	12/9/25	Eastern	G	Solid			X	X	X	X	X		5	
Trip Blank (752-40094-8)	12/9/25	13:15 Eastern	G	Water								X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: PG	Date/Time: 12/10/25 16:10	Company	Received by: TG	Date/Time: 12/11/25 1046	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: 2 #2665

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: 752-7481.1
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 #: 752-40094-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050BPRLF 16 Metals, including prep	7473Mercury	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	8260D/5035FP_CalcVOC NC 02L List	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SED-1 (752-40094-1)	12/9/25	13:15 Eastern	G	Solid			X	X	X	X	X		5	
SED-2 (752-40094-2)	12/9/25	13:45 Eastern	G	Solid			X	X	X	X	X		5	
SED-3 (752-40094-3)	12/9/25	14:15 Eastern	G	Solid			X	X	X	X	X		5	
SED-4 (752-40094-4)	12/9/25	15:00 Eastern	G	Solid			X	X	X	X	X		5	
SED-5 (752-40094-5)	12/9/25	15:35 Eastern	G	Solid			X	X	X	X	X		5	
SED-6 (752-40094-6)	12/9/25	16:00 Eastern	G	Solid			X	X	X	X	X		5	
SED-Dup (752-40094-7)	12/9/25	Eastern	G	Solid			X	X	X	X	X		5	
Trip Blank (752-40094-8)	12/9/25	13:15 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
PG	12/10/25 16:10		TG	12/11/25 10:4	
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: C #2665

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: 752-7481.1
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 #: 752-40094-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
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: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050BPRLF 16 Metals, including prep	7473Mercury	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	8260D/5035FP_CalcVOC NC 02L List	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SED-1 (752-40094-1)	12/9/25	13:15 Eastern	G	Solid			X	X	X	X	X		5	
SED-2 (752-40094-2)	12/9/25	13:45 Eastern	G	Solid			X	X	X	X	X		5	
SED-3 (752-40094-3)	12/9/25	14:15 Eastern	G	Solid			X	X	X	X	X		5	
SED-4 (752-40094-4)	12/9/25	15:00 Eastern	G	Solid			X	X	X	X	X		5	
SED-5 (752-40094-5)	12/9/25	15:35 Eastern	G	Solid			X	X	X	X	X		5	
SED-6 (752-40094-6)	12/9/25	16:00 Eastern	G	Solid			X	X	X	X	X		5	
SED-Dup (752-40094-7)	12/9/25	Eastern	G	Solid			X	X	X	X	X		5	
Trip Blank (752-40094-8)	12/9/25	13:15 Eastern	G	Water								X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PG	12/10/25 16:10		TG	12/11/25 10:4	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5 #2665

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40094-1

Login Number: 40094

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: 752-40094-1

Login Number: 40094
List Number: 2
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/11/25 01:32 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40094-1

Login Number: 40094
List Number: 3
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 12/12/25 09:46 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1, 1.2 °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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV- NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-1 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
13	J	67-64-1	Acetone			ug/m^3	LFGP-1									
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1									
4.3	J	67-63-0	Isopropanol			ug/m^3	LFGP-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.3E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	9.9E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	13	0.39	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
67-63-0	Isopropanol	4.3	0.129	-	4.2E+01		6.2E-04
					Cumulative:	0.0E+00	1.3E-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: NONCD0000825

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	13	0.13	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
67-63-0	Isopropanol	4.3	0.043	-	1.8E+02		4.9E-05
					Cumulative:	0.0E+00	9.9E-05

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-2 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
24		67-64-1	Acetone			ug/m^3	LFGP-2									
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2									
7.3	J	67-63-0	Isopropanol			ug/m^3	LFGP-2									
2.4	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	7.1E-10	1.8E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.0E-11	1.4E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	24	0.72	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
67-63-0	Isopropanol	7.3	0.219	-	4.2E+01		1.1E-03
75-09-2	Methylene Chloride	2.4	0.072	1.0E+02	1.3E+02	7.1E-10	1.2E-04
					Cumulative:	7.1E-10	1.8E-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: NONCD0000825

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	24	0.24	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
67-63-0	Isopropanol	7.3	0.073	-	1.8E+02		8.3E-05
75-09-2	Methylene Chloride	2.4	0.024	1.2E+03	5.3E+02	2.0E-11	9.1E-06
					Cumulative:	2.0E-11	1.4E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-3 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
9.3	J	67-64-1	Acetone			ug/m^3	LFGP-3									
2	J	67-66-3	Chloroform			ug/m^3	LFGP-3									
2.3	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-3									
3	J	67-63-0	Isopropanol			ug/m^3	LFGP-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.1E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	8.7E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	9.3	0.279	-	-		
67-66-3	Chloroform	2	0.06	1.2E-01	4.1E-01	4.9E-07	3.0E-02
75-71-8	Dichlorodifluoromethane	2.3	0.069	-	2.1E+01		6.6E-04
67-63-0	Isopropanol	3	0.09	-	4.2E+01		4.3E-04
					Cumulative:	4.9E-07	3.1E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	9.3	0.093	-	-		
67-66-3	Chloroform	2	0.02	5.3E-01	1.7E+00	3.8E-08	2.3E-03
75-71-8	Dichlorodifluoromethane	2.3	0.023	-	8.8E+01		5.3E-05
67-63-0	Isopropanol	3	0.03	-	1.8E+02		3.4E-05
					Cumulative:	3.8E-08	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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
8.1	J	67-64-1	Acetone			ug/m^3	LFGP-4									
2.1	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-4									
4.5	J	67-63-0	Isopropanol			ug/m^3	LFGP-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.3E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	9.9E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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: NONCD0000825

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	8.1	0.243	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
67-63-0	Isopropanol	4.5	0.135	-	4.2E+01		6.5E-04
					Cumulative:	0.0E+00	1.3E-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: NONCD0000825

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	8.1	0.081	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
67-63-0	Isopropanol	4.5	0.045	-	1.8E+02		5.1E-05
					Cumulative:	0.0E+00	9.9E-05

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
20	J	7664-41-7	Ammonia			ug/L										
31.5		7440-39-3	Barium			ug/L										
2.18		7440-50-8	Copper			ug/L										
64.4		7439-96-5	Manganese (Non-diet)			ug/L										
1.76	J	7440-02-0	Nickel Soluble Salts			ug/L										

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	2.6E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
7664-41-7	Ammonia	20	20						
7440-39-3	Barium	31.5	31.5				6.2E-04	4.7E-04	1.1E-03
7440-50-8	Copper	2.18	2.18				2.2E-04	1.1E-05	2.3E-04
7439-96-5	Manganese (Non-diet)	64.4	64.4				1.1E-02	1.4E-02	2.5E-02
7440-02-0	Nickel Soluble Salts	1.76	1.76				3.5E-04	9.2E-05	4.4E-04
					Cumulative:	0.0E+00			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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-2 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
21	J	7664-41-7	Ammonia			ug/L	SW-2									
33.7		7440-39-3	Barium			ug/L	SW-2									
2.3		7440-50-8	Copper			ug/L	SW-2									
51.9		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.48	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	2.2E-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?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-2 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	21	21						
7440-39-3	Barium	33.7	33.7				6.6E-04	5.0E-04	1.2E-03
7440-50-8	Copper	2.3	2.3				2.3E-04	1.2E-05	2.4E-04
7439-96-5	Manganese (Non-diet)	51.9	51.9				8.5E-03	1.1E-02	2.0E-02
7440-02-0	Nickel Soluble Salts	1.48	1.48				2.9E-04	7.7E-05	3.7E-04
					Cumulative:	0.0E+00			2.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-3 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-3 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP was taken at SW-3. Highest concentration taken between the two.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
18600	J	7664-41-7	Ammonia			ug/L	SW-DUP									
33		7440-39-3	Barium			ug/L	SW-3									
2.35		7440-50-8	Copper			ug/L	SW-3									
57.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-DUP									
1.42	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-DUP									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	2.4E-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?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
7664-41-7	Ammonia	18600	18600						
7440-39-3	Barium	33	33				6.5E-04	4.9E-04	1.1E-03
7440-50-8	Copper	2.35	2.35				2.3E-04	1.2E-05	2.4E-04
7439-96-5	Manganese (Non-diet)	57.2	57.2				9.4E-03	1.2E-02	2.2E-02
7440-02-0	Nickel Soluble Salts	1.42	1.42				2.8E-04	7.4E-05	3.5E-04
					Cumulative:	0.0E+00			2.4E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-4 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
33	J	7664-41-7	Ammonia			ug/L	SW-4									
33.6		7440-39-3	Barium			ug/L	SW-4									
2.58		7440-50-8	Copper			ug/L	SW-4									
67.1		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
1.39	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	2.7E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
7664-41-7	Ammonia	33	33						
7440-39-3	Barium	33.6	33.6				6.6E-04	5.0E-04	1.2E-03
7440-50-8	Copper	2.58	2.58				2.5E-04	1.3E-05	2.7E-04
7439-96-5	Manganese (Non-diet)	67.1	67.1				1.1E-02	1.5E-02	2.6E-02
7440-02-0	Nickel Soluble Salts	1.39	1.39				2.7E-04	7.3E-05	3.5E-04
					Cumulative:	0.0E+00			2.7E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-5 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
32	J	7664-41-7	Ammonia			ug/L	SW-5									
32.7		7440-39-3	Barium			ug/L	SW-5									
2.43		7440-50-8	Copper			ug/L	SW-5									
53.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
1.39	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	2.2E-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?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
7664-41-7	Ammonia	32	32						
7440-39-3	Barium	32.7	32.7				6.5E-04	4.9E-04	1.1E-03
7440-50-8	Copper	2.43	2.43				2.4E-04	1.3E-05	2.5E-04
7439-96-5	Manganese (Non-diet)	53.4	53.4				8.8E-03	1.2E-02	2.0E-02
7440-02-0	Nickel Soluble Salts	1.39	1.39				2.7E-04	7.3E-05	3.5E-04
					Cumulative:	0.0E+00			2.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-6 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-6 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
13500		7664-41-7	Ammonia			ug/L	SW-6									
32.6		7440-39-3	Barium			ug/L	SW-6									
2.28		7440-50-8	Copper			ug/L	SW-6									
53.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.72	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	2.2E-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?	NM
	Source Groundwater	Exceedence of 2L at Receptor?	NM
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	13500	13500						
7440-39-3	Barium	32.6	32.6				6.4E-04	4.9E-04	1.1E-03
7440-50-8	Copper	2.28	2.28				2.2E-04	1.2E-05	2.4E-04
7439-96-5	Manganese (Non-diet)	53.8	53.8				8.8E-03	1.2E-02	2.1E-02
7440-02-0	Nickel Soluble Salts	1.72	1.72				3.4E-04	9.0E-05	4.3E-04
					Cumulative:	0.0E+00			2.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
0.0558	J	67-64-1	Acetone			mg/kg	SED-1									
0.38	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
10.7		7440-39-3	Barium			mg/kg	SED-1									
0.0423	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
0.137	J	105-60-2	Caprolactam			mg/kg	SED-1									
8.89	F1	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
0.21	J	18540-29-9	Chromium(VI)			mg/kg	SED-1									
2.61		7440-48-4	Cobalt			mg/kg	SED-1									
3.4	B	7440-50-8	Copper			mg/kg	SED-1									
7.76	F1	7439-92-1	~Lead and Compounds			mg/kg	SED-1									
72.7	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
0.0163	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-1									
3.79		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
0.779	J	84-74-2	~Dibutyl Phthalate			mg/kg	SED-1									
0.033	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.0524	J	206-44-0	~Fluoranthene			mg/kg	SED-1									
0.0416	J	129-00-0	~Pyrene			mg/kg	SED-1									
0.23	B	7440-22-4	Silver			mg/kg	SED-1									
0.00145	J	108-88-3	Toluene			mg/kg	SED-1									
8.21	F1	7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
19.1	F1	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: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	8.1E-07	2.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.4E-07	1.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.5E-07	8.4E-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: NONCD0000825

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	0.0558	0.0558	0.0558					7.9E-07			7.9E-07
7440-38-2	Arsenic, Inorganic	0.38	0.38	0.38	4.9E-07	6.9E-08	9.8E-12	5.6E-07	9.7E-03	1.2E-03	4.1E-07	1.1E-02
7440-39-3	Barium	10.7	10.7	10.7					6.8E-04		3.5E-07	6.8E-04
7440-43-9	Cadmium (Diet)	0.0423	0.0423	0.0423			4.6E-13	4.6E-13	5.4E-03	5.1E-04	6.8E-08	5.9E-03
105-60-2	Caprolactam	0.137	0.137	0.137					3.5E-06	8.3E-07	1.0E-09	4.3E-06
16065-83-1	Chromium(III), Insoluble Salts	8.89	8.89	8.89					7.6E-05			7.6E-05
18540-29-9	Chromium(VI)	0.21	0.21	0.21	2.2E-07		3.8E-11	2.2E-07	3.0E-03		1.1E-07	3.0E-03
7440-48-4	Cobalt	2.61	2.61	2.61			1.4E-10	1.4E-10	1.1E-01		7.0E-06	1.1E-01
7440-50-8	Copper	3.4	3.4	3.4					1.1E-03			1.1E-03
7439-92-1	~Lead and Compounds	7.76	7.76	7.76					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	72.7	72.7	72.7					3.9E-02		2.4E-05	3.9E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0163	0.0163	0.0163					3.5E-07		2.4E-07	5.9E-07
7440-02-0	Nickel Soluble Salts	3.79	3.79	3.79			5.9E-12	5.9E-12	2.4E-03		6.1E-06	2.4E-03
84-74-2	~Dibutyl Phthalate	0.779	0.779	0.779					1.0E-04	2.4E-05		1.2E-04
205-99-2	~Benzo[b]fluoranthene	0.033	0.033	0.033	2.2E-08	7.2E-09	3.3E-14	2.9E-08				
206-44-0	~Fluoranthene	0.0524	0.0524	0.0524					1.7E-05	5.2E-06		2.2E-05
129-00-0	~Pyrene	0.0416	0.0416	0.0416					1.8E-05	5.5E-06		2.3E-05
7440-22-4	Silver	0.23	0.23	0.23					5.9E-04			5.9E-04
108-88-3	Toluene	0.00145	0.00145	0.00145					2.3E-07		6.1E-08	2.9E-07
7440-62-2	Vanadium and Compounds	8.21	8.21	8.21					2.1E-02		1.3E-06	2.1E-02
7440-66-6	Zinc and Compounds	19.1	19.1	19.1					8.1E-04			8.1E-04
						Cumulative:		8.1E-07				2.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0558	0.0558	0.0558					5.3E-08			5.3E-08
7440-38-2	Arsenic, Inorganic	0.38	0.38	0.38	1.0E-07	2.2E-08	2.2E-12	1.3E-07	6.5E-04	1.4E-04	9.7E-08	7.9E-04
7440-39-3	Barium	10.7	10.7	10.7					4.6E-05		8.2E-08	4.6E-05
7440-43-9	Cadmium (Diet)	0.0423	0.0423	0.0423			1.0E-13	1.0E-13	3.6E-04	6.1E-05	1.6E-08	4.2E-04
105-60-2	Caprolactam	0.137	0.137	0.137					2.3E-07	9.9E-08	2.4E-10	3.3E-07
16065-83-1	Chromium(III), Insoluble Salts	8.89	8.89	8.89					5.1E-06			5.1E-06
18540-29-9	Chromium(VI)	0.21	0.21	0.21	1.0E-08		3.2E-12	1.0E-08	2.0E-04		2.7E-08	2.0E-04
7440-48-4	Cobalt	2.61	2.61	2.61			3.2E-11	3.2E-11	7.4E-03		1.7E-06	7.5E-03
7440-50-8	Copper	3.4	3.4	3.4					7.3E-05			7.3E-05
7439-92-1	~Lead and Compounds	7.76	7.76	7.76					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	72.7	72.7	72.7					2.6E-03		5.6E-06	2.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0163	0.0163	0.0163					2.3E-08		5.7E-08	8.1E-08
7440-02-0	Nickel Soluble Salts	3.79	3.79	3.79			1.4E-12	1.4E-12	1.6E-04		1.5E-06	1.6E-04
84-74-2	~Dibutyl Phthalate	0.779	0.779	0.779					6.7E-06	2.8E-06		9.5E-06
205-99-2	~Benzo[b]fluoranthene	0.033	0.033	0.033	1.0E-09	5.6E-10	2.7E-15	1.6E-09				
206-44-0	~Fluoranthene	0.0524	0.0524	0.0524					1.1E-06	6.2E-07		1.7E-06
129-00-0	~Pyrene	0.0416	0.0416	0.0416					1.2E-06	6.5E-07		1.8E-06
7440-22-4	Silver	0.23	0.23	0.23					3.9E-05			3.9E-05
108-88-3	Toluene	0.00145	0.00145	0.00145					1.6E-08		1.5E-08	3.0E-08
7440-62-2	Vanadium and Compounds	8.21	8.21	8.21					1.4E-03		3.2E-07	1.4E-03
7440-66-6	Zinc and Compounds	19.1	19.1	19.1					5.5E-05			5.5E-05
						Cumulative:		1.4E-07				1.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0558	0.0558	0.0558					3.4E-07			3.4E-07
7440-38-2	Arsenic, Inorganic	0.38	0.38	0.38	2.1E-07	3.0E-08	3.5E-13	2.4E-07	4.2E-03	4.9E-04	1.5E-08	4.7E-03
7440-39-3	Barium	10.7	10.7	10.7					2.9E-04		1.2E-08	2.9E-04
7440-43-9	Cadmium (Diet)	0.0423	0.0423	0.0423			1.6E-14	1.6E-14	2.3E-03	2.2E-04	2.4E-09	2.5E-03
105-60-2	Caprolactam	0.137	0.137	0.137					1.5E-06	3.6E-07	3.6E-11	1.9E-06
16065-83-1	Chromium(III), Insoluble Salts	8.89	8.89	8.89					3.2E-05			3.2E-05
18540-29-9	Chromium(VI)	0.21	0.21	0.21	9.4E-08		1.4E-12	9.4E-08	1.3E-03		4.0E-09	1.3E-03
7440-48-4	Cobalt	2.61	2.61	2.61			5.0E-12	5.0E-12	4.8E-02		2.5E-07	4.8E-02
7440-50-8	Copper	3.4	3.4	3.4					4.7E-04			4.7E-04
7439-92-1	~Lead and Compounds	7.76	7.76	7.76					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	72.7	72.7	72.7					1.7E-02		8.4E-07	1.7E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0163	0.0163	0.0163					1.5E-07		8.6E-09	1.6E-07
7440-02-0	Nickel Soluble Salts	3.79	3.79	3.79			2.1E-13	2.1E-13	1.0E-03		2.2E-07	1.0E-03
84-74-2	~Dibutyl Phthalate	0.779	0.779	0.779					4.3E-05	1.0E-05		5.3E-05
205-99-2	~Benzo[b]fluoranthene	0.033	0.033	0.033	9.2E-09	3.1E-09	1.2E-15	1.2E-08				
206-44-0	~Fluoranthene	0.0524	0.0524	0.0524					7.2E-06	2.2E-06		9.4E-06
129-00-0	~Pyrene	0.0416	0.0416	0.0416					7.6E-06	2.3E-06		9.9E-06
7440-22-4	Silver	0.23	0.23	0.23					2.5E-04			2.5E-04
108-88-3	Toluene	0.00145	0.00145	0.00145					9.9E-08		2.2E-09	1.0E-07
7440-62-2	Vanadium and Compounds	8.21	8.21	8.21					8.9E-03		4.7E-08	8.9E-03
7440-66-6	Zinc and Compounds	19.1	19.1	19.1					3.5E-04			3.5E-04
						Cumulative:		3.5E-07				8.4E-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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
0.0364	J	67-64-1	Acetone			mg/kg	SED-2									
0.352	J	7440-36-0	Antimony (metallic)			mg/kg	SED-2									
0.391	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
11.6		7440-39-3	Barium			mg/kg	SED-2									
0.0664	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.0284	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
7.18		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
0.391	J	18540-29-9	Chromium(VI)			mg/kg	SED-2									
1.56		7440-48-4	Cobalt			mg/kg	SED-2									
2.04	B	7440-50-8	Copper			mg/kg	SED-2									
3.5		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
64.9	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
2.22		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.283	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-2									
0.356	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
0.551		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.193	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-2									
0.379	J	218-01-9	~Chrysene			mg/kg	SED-2									
0.0668	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-2									
0.646		206-44-0	~Fluoranthene			mg/kg	SED-2									
0.311	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
0.545		129-00-0	~Pyrene			mg/kg	SED-2									
0.0884	J B	7440-22-4	Silver			mg/kg	SED-2									
7.8		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
7.79		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: NONCD0000825

Exposure Unit ID: SED-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.7E-06	1.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.1E-07	1.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.4E-06	7.6E-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: NONCD0000825

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	0.0364	0.0364	0.0364					5.2E-07			5.2E-07
7440-36-0	Antimony (metallic)	0.352	0.352	0.352					1.1E-02		1.9E-08	1.1E-02
7440-38-2	Arsenic, Inorganic	0.391	0.391	0.391	5.1E-07	7.1E-08	1.0E-11	5.8E-07	1.0E-02	1.2E-03	4.2E-07	1.1E-02
7440-39-3	Barium	11.6	11.6	11.6					7.4E-04		3.7E-07	7.4E-04
7440-41-7	Beryllium and compounds	0.0664	0.0664	0.0664			9.6E-13	9.6E-13	4.2E-04		5.4E-08	4.2E-04
7440-43-9	Cadmium (Diet)	0.0284	0.0284	0.0284			3.1E-13	3.1E-13	3.6E-03	3.4E-04	4.6E-08	4.0E-03
16065-83-1	Chromium(III), Insoluble Salts	7.18	7.18	7.18					6.1E-05			6.1E-05
18540-29-9	Chromium(VI)	0.391	0.391	0.391	4.1E-07		7.2E-11	4.1E-07	5.6E-03		2.1E-07	5.6E-03
7440-48-4	Cobalt	1.56	1.56	1.56			8.4E-11	8.4E-11	6.6E-02		4.2E-06	6.6E-02
7440-50-8	Copper	2.04	2.04	2.04					6.5E-04			6.5E-04
7439-92-1	~Lead and Compounds	3.5	3.5	3.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	64.9	64.9	64.9					3.5E-02		2.1E-05	3.5E-02
7440-02-0	Nickel Soluble Salts	2.22	2.22	2.22			3.5E-12	3.5E-12	1.4E-03		3.6E-06	1.4E-03
56-55-3	~Benz[a]anthracene	0.283	0.283	0.283	1.8E-07	6.2E-08	3.6E-09	2.5E-07				
50-32-8	~Benzo[a]pyrene	0.356	0.356	0.356	**2.3E-06**	7.8E-07	3.6E-12	3.1E-06	1.5E-02	4.7E-03	2.9E-06	2.0E-02
205-99-2	~Benzo[b]fluoranthene	0.551	0.551	0.551	3.6E-07	1.2E-07	5.5E-13	4.8E-07				
207-08-9	~Benzo[k]fluoranthene	0.193	0.193	0.193	1.3E-08	4.2E-09	1.9E-14	1.7E-08				
218-01-9	~Chrysene	0.379	0.379	0.379	2.5E-09	8.3E-10	3.8E-15	3.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0668	0.0668	0.0668	4.4E-07	1.5E-07	6.7E-13	5.8E-07				
206-44-0	~Fluoranthene	0.646	0.646	0.646					2.1E-04	6.4E-05		2.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.311	0.311	0.311	2.0E-07	6.8E-08	3.1E-13	2.7E-07				
129-00-0	~Pyrene	0.545	0.545	0.545					2.3E-04	7.2E-05		3.0E-04
7440-22-4	Silver	0.0884	0.0884	0.0884					2.3E-04			2.3E-04
7440-62-2	Vanadium and Compounds	7.8	7.8	7.8					2.0E-02		1.3E-06	2.0E-02
7440-66-6	Zinc and Compounds	7.79	7.79	7.79					3.3E-04			3.3E-04
						Cumulative:		5.7E-06				1.8E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0364	0.0364	0.0364					3.5E-08			3.5E-08
7440-36-0	Antimony (metallic)	0.352	0.352	0.352					7.5E-04		4.5E-09	7.5E-04
7440-38-2	Arsenic, Inorganic	0.391	0.391	0.391	1.1E-07	2.3E-08	2.3E-12	1.3E-07	6.7E-04	1.4E-04	1.0E-07	8.1E-04
7440-39-3	Barium	11.6	11.6	11.6					5.0E-05		8.9E-08	5.0E-05
7440-41-7	Beryllium and compounds	0.0664	0.0664	0.0664			2.2E-13	2.2E-13	2.8E-05		1.3E-08	2.8E-05
7440-43-9	Cadmium (Diet)	0.0284	0.0284	0.0284			7.0E-14	7.0E-14	2.4E-04	4.1E-05	1.1E-08	2.8E-04
16065-83-1	Chromium(III), Insoluble Salts	7.18	7.18	7.18					4.1E-06			4.1E-06
18540-29-9	Chromium(VI)	0.391	0.391	0.391	1.9E-08		5.9E-12	1.9E-08	3.7E-04		5.0E-08	3.7E-04
7440-48-4	Cobalt	1.56	1.56	1.56			1.9E-11	1.9E-11	4.5E-03		1.0E-06	4.5E-03
7440-50-8	Copper	2.04	2.04	2.04					4.4E-05			4.4E-05
7439-92-1	~Lead and Compounds	3.5	3.5	3.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	64.9	64.9	64.9					2.3E-03		5.0E-06	2.3E-03
7440-02-0	Nickel Soluble Salts	2.22	2.22	2.22			7.9E-13	7.9E-13	9.5E-05		8.5E-07	9.6E-05
56-55-3	~Benz[a]anthracene	0.283	0.283	0.283	8.7E-09	4.8E-09	3.0E-10	1.4E-08				
50-32-8	~Benzo[a]pyrene	0.356	0.356	0.356	1.1E-07	6.0E-08	2.9E-13	1.7E-07	1.0E-03	5.6E-04	6.9E-07	1.6E-03
205-99-2	~Benzo[b]fluoranthene	0.551	0.551	0.551	1.7E-08	9.3E-09	4.5E-14	2.6E-08				
207-08-9	~Benzo[k]fluoranthene	0.193	0.193	0.193	5.9E-10	3.2E-10	1.6E-15	9.1E-10				
218-01-9	~Chrysene	0.379	0.379	0.379	1.2E-10	6.4E-11	3.1E-16	1.8E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0668	0.0668	0.0668	2.0E-08	1.1E-08	5.5E-14	3.2E-08				
206-44-0	~Fluoranthene	0.646	0.646	0.646					1.4E-05	7.6E-06		2.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.311	0.311	0.311	9.5E-09	5.2E-09	2.6E-14	1.5E-08				
129-00-0	~Pyrene	0.545	0.545	0.545					1.6E-05	8.6E-06		2.4E-05
7440-22-4	Silver	0.0884	0.0884	0.0884					1.5E-05			1.5E-05
7440-62-2	Vanadium and Compounds	7.8	7.8	7.8					1.3E-03		3.0E-07	1.3E-03
7440-66-6	Zinc and Compounds	7.79	7.79	7.79					2.2E-05			2.2E-05
						Cumulative:		4.1E-07				1.2E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0364	0.0364	0.0364					2.2E-07			2.2E-07
7440-36-0	Antimony (metallic)	0.352	0.352	0.352					4.8E-03		6.8E-10	4.8E-03
7440-38-2	Arsenic, Inorganic	0.391	0.391	0.391	2.2E-07	3.1E-08	3.6E-13	2.5E-07	4.3E-03	5.1E-04	1.5E-08	4.8E-03
7440-39-3	Barium	11.6	11.6	11.6					3.2E-04		1.3E-08	3.2E-04
7440-41-7	Beryllium and compounds	0.0664	0.0664	0.0664			3.4E-14	3.4E-14	1.8E-04		1.9E-09	1.8E-04
7440-43-9	Cadmium (Diet)	0.0284	0.0284	0.0284			1.1E-14	1.1E-14	1.6E-03	1.5E-04	1.6E-09	1.7E-03
16065-83-1	Chromium(III), Insoluble Salts	7.18	7.18	7.18					2.6E-05			2.6E-05
18540-29-9	Chromium(VI)	0.391	0.391	0.391	1.8E-07		2.6E-12	1.8E-07	2.4E-03		7.5E-09	2.4E-03
7440-48-4	Cobalt	1.56	1.56	1.56			3.0E-12	3.0E-12	2.8E-02		1.5E-07	2.8E-02
7440-50-8	Copper	2.04	2.04	2.04					2.8E-04			2.8E-04
7439-92-1	~Lead and Compounds	3.5	3.5	3.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	64.9	64.9	64.9					1.5E-02		7.5E-07	1.5E-02
7440-02-0	Nickel Soluble Salts	2.22	2.22	2.22			1.2E-13	1.2E-13	6.1E-04		1.3E-07	6.1E-04
56-55-3	~Benz[a]anthracene	0.283	0.283	0.283	7.9E-08	2.6E-08	1.3E-10	1.1E-07				
50-32-8	~Benzo[a]pyrene	0.356	0.356	0.356	1.0E-06	3.3E-07	1.3E-13	**1.3E-06**	6.5E-03	2.0E-03	1.0E-07	8.5E-03
205-99-2	~Benzo[b]fluoranthene	0.551	0.551	0.551	1.5E-07	5.1E-08	2.0E-14	2.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.193	0.193	0.193	5.4E-09	1.8E-09	6.9E-16	7.2E-09				
218-01-9	~Chrysene	0.379	0.379	0.379	1.1E-09	3.5E-10	1.4E-16	1.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0668	0.0668	0.0668	1.9E-07	6.2E-08	2.4E-14	2.5E-07				
206-44-0	~Fluoranthene	0.646	0.646	0.646					8.8E-05	2.7E-05		1.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.311	0.311	0.311	8.7E-08	2.9E-08	1.1E-14	1.2E-07				
129-00-0	~Pyrene	0.545	0.545	0.545					1.0E-04	3.1E-05		1.3E-04
7440-22-4	Silver	0.0884	0.0884	0.0884					9.7E-05			9.7E-05
7440-62-2	Vanadium and Compounds	7.8	7.8	7.8					8.5E-03		4.5E-08	8.5E-03
7440-66-6	Zinc and Compounds	7.79	7.79	7.79					1.4E-04			1.4E-04
						Cumulative:		2.4E-06				7.6E-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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP is taken from SED-3. Highest concentration was taken between the two.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0465	J	67-64-1	Acetone			mg/kg	SED-3									
0.497	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-DUP									
13.5		7440-39-3	Barium			mg/kg	SED-DUP									
0.0326	J	7440-41-7	Beryllium and compounds			mg/kg	SED-DUP									
0.0424	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-DUP									
9.83		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
0.759	J	18540-29-9	Chromium(VI)			mg/kg	SED-DUP									
3.01		7440-48-4	Cobalt			mg/kg	SED-DUP									
3.61	B	7440-50-8	Copper			mg/kg	SED-DUP									
6.15		7439-92-1	~Lead and Compounds			mg/kg	SED-DUP									
97	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-DUP									
4.45		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
0.076	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-DUP									
0.101	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-DUP									
0.0145	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.0558	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-DUP									
0.121	J	218-01-9	~Chrysene			mg/kg	SED-DUP									
0.198	J	206-44-0	~Fluoranthene			mg/kg	SED-DUP									
0.0939	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-DUP									
0.179	J	129-00-0	~Pyrene			mg/kg	SED-DUP									
0.218	B	7440-22-4	Silver			mg/kg	SED-3									
12.9		7440-62-2	Vanadium and Compounds			mg/kg	SED-DUP									
23.3		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: NONCD0000825

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	2.6E-06	2.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.6E-07	1.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.1E-06	1.1E-01	NO
	Surface Water*	NC	NC	NC
VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	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: NONCD0000825

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	0.0465	0.0465	0.0465					6.6E-07			6.6E-07
7440-38-2	Arsenic, Inorganic	0.497	0.497	0.497	6.4E-07	9.1E-08	1.3E-11	7.3E-07	1.3E-02	1.5E-03	5.4E-07	1.4E-02
7440-39-3	Barium	13.5	13.5	13.5					8.6E-04		4.4E-07	8.6E-04
7440-41-7	Beryllium and compounds	0.0326	0.0326	0.0326			4.7E-13	4.7E-13	2.1E-04		2.6E-08	2.1E-04
7440-43-9	Cadmium (Diet)	0.0424	0.0424	0.0424			4.6E-13	4.6E-13	5.4E-03	5.1E-04	6.9E-08	5.9E-03
16065-83-1	Chromium(III), Insoluble Salts	9.83	9.83	9.83					8.4E-05			8.4E-05
18540-29-9	Chromium(VI)	0.759	0.759	0.759	7.9E-07		1.4E-10	7.9E-07	1.1E-02		4.1E-07	1.1E-02
7440-48-4	Cobalt	3.01	3.01	3.01			1.6E-10	1.6E-10	1.3E-01		8.1E-06	1.3E-01
7440-50-8	Copper	3.61	3.61	3.61					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	6.15	6.15	6.15					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	97	97	97					5.2E-02		3.1E-05	5.2E-02
7440-02-0	Nickel Soluble Salts	4.45	4.45	4.45			6.9E-12	6.9E-12	2.8E-03		7.2E-06	2.9E-03
56-55-3	~Benz[a]anthracene	0.076	0.076	0.076	5.0E-08	1.7E-08	9.6E-10	6.7E-08				
50-32-8	~Benzo[a]pyrene	0.101	0.101	0.101	6.6E-07	2.2E-07	1.0E-12	8.8E-07	4.3E-03	1.3E-03	8.2E-07	5.6E-03
205-99-2	~Benzo[b]fluoranthene	0.0145	0.0145	0.0145	9.5E-09	3.2E-09	1.4E-14	1.3E-08				
207-08-9	~Benzo[k]fluoranthene	0.0558	0.0558	0.0558	3.6E-09	1.2E-09	5.6E-15	4.9E-09				
218-01-9	~Chrysene	0.121	0.121	0.121	7.9E-10	2.6E-10	1.2E-15	1.1E-09				
206-44-0	~Fluoranthene	0.198	0.198	0.198					6.3E-05	2.0E-05		8.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0939	0.0939	0.0939	6.1E-08	2.0E-08	9.4E-14	8.2E-08				
129-00-0	~Pyrene	0.179	0.179	0.179					7.6E-05	2.4E-05		1.0E-04
7440-22-4	Silver	0.218	0.218	0.218					5.6E-04			5.6E-04
7440-62-2	Vanadium and Compounds	12.9	12.9	12.9					3.3E-02		2.1E-06	3.3E-02
7440-66-6	Zinc and Compounds	23.3	23.3	23.3					9.9E-04			9.9E-04
						Cumulative:		2.6E-06				2.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0465	0.0465	0.0465					4.4E-08			4.4E-08
7440-38-2	Arsenic, Inorganic	0.497	0.497	0.497	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	13.5	13.5	13.5					5.8E-05		1.0E-07	5.8E-05
7440-41-7	Beryllium and compounds	0.0326	0.0326	0.0326			1.1E-13	1.1E-13	1.4E-05		6.3E-09	1.4E-05
7440-43-9	Cadmium (Diet)	0.0424	0.0424	0.0424			1.0E-13	1.0E-13	3.6E-04	6.1E-05	1.6E-08	4.2E-04
16065-83-1	Chromium(III), Insoluble Salts	9.83	9.83	9.83					5.6E-06			5.6E-06
18540-29-9	Chromium(VI)	0.759	0.759	0.759	3.7E-08		1.1E-11	3.7E-08	7.2E-04		9.7E-08	7.2E-04
7440-48-4	Cobalt	3.01	3.01	3.01			3.7E-11	3.7E-11	8.6E-03		1.9E-06	8.6E-03
7440-50-8	Copper	3.61	3.61	3.61					7.7E-05			7.7E-05
7439-92-1	~Lead and Compounds	6.15	6.15	6.15					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	97	97	97					3.5E-03		7.5E-06	3.5E-03
7440-02-0	Nickel Soluble Salts	4.45	4.45	4.45			1.6E-12	1.6E-12	1.9E-04		1.7E-06	1.9E-04
56-55-3	~Benz[a]anthracene	0.076	0.076	0.076	2.3E-09	1.3E-09	7.9E-11	3.7E-09				
50-32-8	~Benzo[a]pyrene	0.101	0.101	0.101	3.1E-08	1.7E-08	8.3E-14	4.8E-08	2.9E-04	1.6E-04	1.9E-07	4.5E-04
205-99-2	~Benzo[b]fluoranthene	0.0145	0.0145	0.0145	4.4E-10	2.4E-10	1.2E-15	6.9E-10				
207-08-9	~Benzo[k]fluoranthene	0.0558	0.0558	0.0558	1.7E-10	9.4E-11	4.6E-16	2.6E-10				
218-01-9	~Chrysene	0.121	0.121	0.121	3.7E-11	2.0E-11	1.0E-16	5.7E-11				
206-44-0	~Fluoranthene	0.198	0.198	0.198					4.2E-06	2.3E-06		6.6E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0939	0.0939	0.0939	2.9E-09	1.6E-09	7.7E-15	4.5E-09				
129-00-0	~Pyrene	0.179	0.179	0.179					5.1E-06	2.8E-06		7.9E-06
7440-22-4	Silver	0.218	0.218	0.218					3.7E-05			3.7E-05
7440-62-2	Vanadium and Compounds	12.9	12.9	12.9					2.2E-03		5.0E-07	2.2E-03
7440-66-6	Zinc and Compounds	23.3	23.3	23.3					6.6E-05			6.6E-05
						Cumulative:		2.6E-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: NONCD0000825

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	0.0465	0.0465	0.0465					2.8E-07			2.8E-07
7440-38-2	Arsenic, Inorganic	0.497	0.497	0.497	2.8E-07	3.9E-08	4.6E-13	3.1E-07	5.4E-03	6.5E-04	1.9E-08	6.1E-03
7440-39-3	Barium	13.5	13.5	13.5					3.7E-04		1.6E-08	3.7E-04
7440-41-7	Beryllium and compounds	0.0326	0.0326	0.0326			1.7E-14	1.7E-14	8.9E-05		9.4E-10	8.9E-05
7440-43-9	Cadmium (Diet)	0.0424	0.0424	0.0424			1.6E-14	1.6E-14	2.3E-03	2.2E-04	2.4E-09	2.5E-03
16065-83-1	Chromium(III), Insoluble Salts	9.83	9.83	9.83					3.6E-05			3.6E-05
18540-29-9	Chromium(VI)	0.759	0.759	0.759	3.4E-07		5.0E-12	3.4E-07	4.6E-03		1.5E-08	4.6E-03
7440-48-4	Cobalt	3.01	3.01	3.01			5.8E-12	5.8E-12	5.5E-02		2.9E-07	5.5E-02
7440-50-8	Copper	3.61	3.61	3.61					4.9E-04			4.9E-04
7439-92-1	~Lead and Compounds	6.15	6.15	6.15					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	97	97	97					2.2E-02		1.1E-06	2.2E-02
7440-02-0	Nickel Soluble Salts	4.45	4.45	4.45			2.5E-13	2.5E-13	1.2E-03		2.6E-07	1.2E-03
56-55-3	~Benz[a]anthracene	0.076	0.076	0.076	2.1E-08	7.1E-09	3.4E-11	2.8E-08				
50-32-8	~Benzo[a]pyrene	0.101	0.101	0.101	2.8E-07	9.4E-08	3.6E-14	3.8E-07	1.8E-03	5.7E-04	2.9E-08	2.4E-03
205-99-2	~Benzo[b]fluoranthene	0.0145	0.0145	0.0145	4.1E-09	1.4E-09	5.2E-16	5.4E-09				
207-08-9	~Benzo[k]fluoranthene	0.0558	0.0558	0.0558	1.6E-09	5.2E-10	2.0E-16	2.1E-09				
218-01-9	~Chrysene	0.121	0.121	0.121	3.4E-10	1.1E-10	4.3E-17	4.5E-10				
206-44-0	~Fluoranthene	0.198	0.198	0.198					2.7E-05	8.4E-06		3.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0939	0.0939	0.0939	2.6E-08	8.8E-09	3.3E-15	3.5E-08				
129-00-0	~Pyrene	0.179	0.179	0.179					3.3E-05	1.0E-05		4.3E-05
7440-22-4	Silver	0.218	0.218	0.218					2.4E-04			2.4E-04
7440-62-2	Vanadium and Compounds	12.9	12.9	12.9					1.4E-02		7.4E-08	1.4E-02
7440-66-6	Zinc and Compounds	23.3	23.3	23.3					4.3E-04			4.3E-04
						Cumulative:		1.1E-06				1.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-4 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations
Version Date: January 2025
Basis: November 2024 EPA RSL Table
Site ID: NONCD0000825
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
0.0546	J	67-64-1	Acetone			mg/kg	SED-4		
0.938		7440-38-2	Arsenic, Inorganic			mg/kg	SED-4		
26.9		7440-39-3	Barium			mg/kg	SED-4		
0.0451	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4		
0.0612	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4		
12.6		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-4		
0.971	J	18540-29-9	Chromium(VI)			mg/kg	SED-4		
4.7		7440-48-4	Cobalt			mg/kg	SED-4		
5.86	B	7440-50-8	Copper			mg/kg	SED-4		
10.3		7439-92-1	~Lead and Compounds			mg/kg	SED-4		
159	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-4		
5.86		7440-02-0	Nickel Soluble Salts			mg/kg	SED-4		
0.0649	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-4		
0.0802	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-4		
0.161	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4		
0.0556	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-4		
0.0966	J	218-01-9	~Chrysene			mg/kg	SED-4		
0.164	J	206-44-0	~Fluoranthene			mg/kg	SED-4		
0.103	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-4		
0.135	J	129-00-0	~Pyrene			mg/kg	SED-4		
0.269	J B	7440-22-4	Silver			mg/kg	SED-4		
0.0598	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-4		
14.9		7440-62-2	Vanadium and Compounds			mg/kg	SED-4		
27.1		7440-66-6	Zinc and Compounds			mg/kg	SED-4		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.4E-06	4.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.1E-07	3.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.5E-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: NONCD0000825

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	0.0546	0.0546	0.0546					7.8E-07			7.8E-07
7440-38-2	Arsenic, Inorganic	0.938	0.938	0.938	**1.2E-06**	1.7E-07	2.4E-11	1.4E-06	2.4E-02	2.8E-03	1.0E-06	2.7E-02
7440-39-3	Barium	26.9	26.9	26.9					1.7E-03		8.7E-07	1.7E-03
7440-41-7	Beryllium and compounds	0.0451	0.0451	0.0451			6.5E-13	6.5E-13	2.9E-04		3.6E-08	2.9E-04
7440-43-9	Cadmium (Diet)	0.0612	0.0612	0.0612			6.6E-13	6.6E-13	7.8E-03	7.4E-04	9.9E-08	8.6E-03
16065-83-1	Chromium(III), Insoluble Salts	12.6	12.6	12.6					1.1E-04			1.1E-04
18540-29-9	Chromium(VI)	0.971	0.971	0.971	**1.0E-06**		1.8E-10	1.0E-06	1.4E-02		5.2E-07	1.4E-02
7440-48-4	Cobalt	4.7	4.7	4.7			2.5E-10	2.5E-10	**2.0E-01**		1.3E-05	**2.0E-01**
7440-50-8	Copper	5.86	5.86	5.86					1.9E-03			1.9E-03
7439-92-1	~Lead and Compounds	10.3	10.3	10.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	159	159	159					8.5E-02		5.1E-05	8.5E-02
7440-02-0	Nickel Soluble Salts	5.86	5.86	5.86			9.1E-12	9.1E-12	3.7E-03		9.5E-06	3.8E-03
56-55-3	~Benz[a]anthracene	0.0649	0.0649	0.0649	4.2E-08	1.4E-08	8.2E-10	5.7E-08				
50-32-8	~Benzo[a]pyrene	0.0802	0.0802	0.0802	5.2E-07	1.7E-07	8.0E-13	7.0E-07	3.4E-03	1.1E-03	6.5E-07	4.5E-03
205-99-2	~Benzo[b]fluoranthene	0.161	0.161	0.161	1.1E-07	3.5E-08	1.6E-13	1.4E-07				
207-08-9	~Benzo[k]fluoranthene	0.0556	0.0556	0.0556	3.6E-09	1.2E-09	5.5E-15	4.8E-09				
218-01-9	~Chrysene	0.0966	0.0966	0.0966	6.3E-10	2.1E-10	9.6E-16	8.4E-10				
206-44-0	~Fluoranthene	0.164	0.164	0.164					5.2E-05	1.6E-05		6.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.103	0.103	0.103	6.7E-08	2.2E-08	1.0E-13	9.0E-08				
129-00-0	~Pyrene	0.135	0.135	0.135					5.8E-05	1.8E-05		7.5E-05
7440-22-4	Silver	0.269	0.269	0.269					6.9E-04			6.9E-04
7440-28-0	Thallium (Soluble Salts)	0.0598	0.0598	0.0598					7.6E-02			7.6E-02
7440-62-2	Vanadium and Compounds	14.9	14.9	14.9					3.8E-02		2.4E-06	3.8E-02
7440-66-6	Zinc and Compounds	27.1	27.1	27.1					1.2E-03			1.2E-03
						Cumulative:		3.4E-06				4.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0546	0.0546	0.0546					5.2E-08			5.2E-08
7440-38-2	Arsenic, Inorganic	0.938	0.938	0.938	2.6E-07	5.5E-08	5.5E-12	3.1E-07	1.6E-03	3.4E-04	2.4E-07	1.9E-03
7440-39-3	Barium	26.9	26.9	26.9					1.2E-04		2.1E-07	1.2E-04
7440-41-7	Beryllium and compounds	0.0451	0.0451	0.0451			1.5E-13	1.5E-13	1.9E-05		8.7E-09	1.9E-05
7440-43-9	Cadmium (Diet)	0.0612	0.0612	0.0612			1.5E-13	1.5E-13	5.2E-04	8.9E-05	2.4E-08	6.1E-04
16065-83-1	Chromium(III), Insoluble Salts	12.6	12.6	12.6					7.2E-06			7.2E-06
18540-29-9	Chromium(VI)	0.971	0.971	0.971	4.8E-08		1.5E-11	4.8E-08	9.2E-04		1.2E-07	9.2E-04
7440-48-4	Cobalt	4.7	4.7	4.7			5.8E-11	5.8E-11	1.3E-02		3.0E-06	1.3E-02
7440-50-8	Copper	5.86	5.86	5.86					1.3E-04			1.3E-04
7439-92-1	~Lead and Compounds	10.3	10.3	10.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	159	159	159					5.7E-03		1.2E-05	5.7E-03
7440-02-0	Nickel Soluble Salts	5.86	5.86	5.86			2.1E-12	2.1E-12	2.5E-04		2.3E-06	2.5E-04
56-55-3	~Benz[a]anthracene	0.0649	0.0649	0.0649	2.0E-09	1.1E-09	6.8E-11	3.1E-09				
50-32-8	~Benzo[a]pyrene	0.0802	0.0802	0.0802	2.5E-08	1.3E-08	6.6E-14	3.8E-08	2.3E-04	1.3E-04	1.5E-07	3.5E-04
205-99-2	~Benzo[b]fluoranthene	0.161	0.161	0.161	4.9E-09	2.7E-09	1.3E-14	7.6E-09				
207-08-9	~Benzo[k]fluoranthene	0.0556	0.0556	0.0556	1.7E-10	9.4E-11	4.6E-16	2.6E-10				
218-01-9	~Chrysene	0.0966	0.0966	0.0966	3.0E-11	1.6E-11	8.0E-17	4.6E-11				
206-44-0	~Fluoranthene	0.164	0.164	0.164					3.5E-06	1.9E-06		5.4E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.103	0.103	0.103	3.1E-09	1.7E-09	8.5E-15	4.9E-09				
129-00-0	~Pyrene	0.135	0.135	0.135					3.9E-06	2.1E-06		6.0E-06
7440-22-4	Silver	0.269	0.269	0.269					4.6E-05			4.6E-05
7440-28-0	Thallium (Soluble Salts)	0.0598	0.0598	0.0598					5.1E-03			5.1E-03
7440-62-2	Vanadium and Compounds	14.9	14.9	14.9					2.5E-03		5.7E-07	2.5E-03
7440-66-6	Zinc and Compounds	27.1	27.1	27.1					7.7E-05			7.7E-05
						Cumulative:		4.1E-07				3.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0546	0.0546	0.0546					3.3E-07			3.3E-07
7440-38-2	Arsenic, Inorganic	0.938	0.938	0.938	5.2E-07	7.3E-08	8.6E-13	5.9E-07	1.0E-02	1.2E-03	3.6E-08	1.1E-02
7440-39-3	Barium	26.9	26.9	26.9					7.4E-04		3.1E-08	7.4E-04
7440-41-7	Beryllium and compounds	0.0451	0.0451	0.0451			2.3E-14	2.3E-14	1.2E-04		1.3E-09	1.2E-04
7440-43-9	Cadmium (Diet)	0.0612	0.0612	0.0612			2.4E-14	2.4E-14	3.4E-03	3.2E-04	3.5E-09	3.7E-03
16065-83-1	Chromium(III), Insoluble Salts	12.6	12.6	12.6					4.6E-05			4.6E-05
18540-29-9	Chromium(VI)	0.971	0.971	0.971	4.3E-07		6.3E-12	4.3E-07	5.9E-03		1.9E-08	5.9E-03
7440-48-4	Cobalt	4.7	4.7	4.7			9.1E-12	9.1E-12	8.6E-02		4.5E-07	8.6E-02
7440-50-8	Copper	5.86	5.86	5.86					8.0E-04			8.0E-04
7439-92-1	~Lead and Compounds	10.3	10.3	10.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	159	159	159					3.6E-02		1.8E-06	3.6E-02
7440-02-0	Nickel Soluble Salts	5.86	5.86	5.86			3.3E-13	3.3E-13	1.6E-03		3.4E-07	1.6E-03
56-55-3	~Benz[a]anthracene	0.0649	0.0649	0.0649	1.8E-08	6.1E-09	2.9E-11	2.4E-08				
50-32-8	~Benzo[a]pyrene	0.0802	0.0802	0.0802	2.2E-07	7.5E-08	2.9E-14	3.0E-07	1.5E-03	4.5E-04	2.3E-08	1.9E-03
205-99-2	~Benzo[b]fluoranthene	0.161	0.161	0.161	4.5E-08	1.5E-08	5.7E-15	6.0E-08				
207-08-9	~Benzo[k]fluoranthene	0.0556	0.0556	0.0556	1.6E-09	5.2E-10	2.0E-16	2.1E-09				
218-01-9	~Chrysene	0.0966	0.0966	0.0966	2.7E-10	9.0E-11	3.4E-17	3.6E-10				
206-44-0	~Fluoranthene	0.164	0.164	0.164					2.2E-05	6.9E-06		2.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.103	0.103	0.103	2.9E-08	9.6E-09	3.7E-15	3.8E-08				
129-00-0	~Pyrene	0.135	0.135	0.135					2.5E-05	7.6E-06		3.2E-05
7440-22-4	Silver	0.269	0.269	0.269					2.9E-04			2.9E-04
7440-28-0	Thallium (Soluble Salts)	0.0598	0.0598	0.0598					3.3E-02			3.3E-02
7440-62-2	Vanadium and Compounds	14.9	14.9	14.9					1.6E-02		8.6E-08	1.6E-02
7440-66-6	Zinc and Compounds	27.1	27.1	27.1					4.9E-04			4.9E-04
						Cumulative:		1.5E-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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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
0.0489	J	67-64-1	Acetone			mg/kg	SED-5									
0.706	J	7440-36-0	Antimony (metallic)			mg/kg	SED-5									
2.17		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
35.6		7440-39-3	Barium			mg/kg	SED-5									
0.197	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.157	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
15.2		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
1.24	J	18540-29-9	Chromium(VI)			mg/kg	SED-5									
6.22		7440-48-4	Cobalt			mg/kg	SED-5									
14.6	B	7440-50-8	Copper			mg/kg	SED-5									
51.1		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
313	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
0.0276	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-5									
0.0497	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-5									
8.48		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
0.0546	J	83-32-9	~Acenaphthene			mg/kg	SED-5									
0.232	J	120-12-7	~Anthracene			mg/kg	SED-5									
1.19		56-55-3	~Benz[a]anthracene			mg/kg	SED-5									
1.07		50-32-8	~Benzo[a]pyrene			mg/kg	SED-5									
1.49		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.507		207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-5									
1.18		218-01-9	~Chrysene			mg/kg	SED-5									
0.173	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-5									
2.64		206-44-0	~Fluoranthene			mg/kg	SED-5									
0.0535	J	86-73-7	~Fluorene			mg/kg	SED-5									
0.721		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-5									
0.0668	J	91-20-3	~Naphthalene			mg/kg	SED-5									
2.13		129-00-0	~Pyrene			mg/kg	SED-5									
0.361	B	7440-22-4	Silver			mg/kg	SED-5									
0.0616	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-5									
19.2		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
48		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: NONCD0000825

Exposure Unit ID: SED-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	1.8E-05	7.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.5E-06	5.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	7.9E-06	3.3E-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: NONCD0000825

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	0.0489	0.0489	0.0489					6.9E-07			6.9E-07
7440-36-0	Antimony (metallic)	0.706	0.706	0.706					2.3E-02		3.8E-08	2.3E-02
7440-38-2	Arsenic, Inorganic	2.17	2.17	2.17	**2.8E-06**	4.0E-07	5.6E-11	3.2E-06	5.5E-02	6.6E-03	2.3E-06	6.2E-02
7440-39-3	Barium	35.6	35.6	35.6					2.3E-03		1.2E-06	2.3E-03
7440-41-7	Beryllium and compounds	0.197	0.197	0.197			2.8E-12	2.8E-12	1.3E-03		1.6E-07	1.3E-03
7440-43-9	Cadmium (Diet)	0.157	0.157	0.157			1.7E-12	1.7E-12	2.0E-02	1.9E-03	2.5E-07	2.2E-02
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					1.3E-04			1.3E-04
18540-29-9	Chromium(VI)	1.24	1.24	1.24	**1.3E-06**		2.3E-10	1.3E-06	1.8E-02		6.7E-07	1.8E-02
7440-48-4	Cobalt	6.22	6.22	6.22			3.4E-10	3.4E-10	**2.7E-01**		1.7E-05	**2.7E-01**
7440-50-8	Copper	14.6	14.6	14.6					4.7E-03			4.7E-03
7439-92-1	~Lead and Compounds	51.1	51.1	51.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	313	313	313					1.7E-01		1.0E-04	1.7E-01
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0276	0.0276	0.0276					1.2E-03		1.5E-09	1.2E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0497	0.0497	0.0497					1.1E-06		7.3E-07	1.8E-06
7440-02-0	Nickel Soluble Salts	8.48	8.48	8.48			1.3E-11	1.3E-11	5.4E-03		1.4E-05	5.4E-03
83-32-9	~Acenaphthene	0.0546	0.0546	0.0546					1.2E-05	3.6E-06		1.5E-05
120-12-7	~Anthracene	0.232	0.232	0.232					9.9E-06	3.1E-06		1.3E-05
56-55-3	~Benz[a]anthracene	1.19	1.19	1.19	7.8E-07	2.6E-07	1.5E-08	1.1E-06				
50-32-8	~Benzo[a]pyrene	1.07	1.07	1.07	**7.0E-06**	**2.3E-06**	1.1E-11	9.3E-06	4.6E-02	1.4E-02	8.6E-06	6.0E-02
205-99-2	~Benzo[b]fluoranthene	1.49	1.49	1.49	9.7E-07	3.2E-07	1.5E-12	1.3E-06				
207-08-9	~Benzo[k]fluoranthene	0.507	0.507	0.507	3.3E-08	1.1E-08	5.1E-14	4.4E-08				
218-01-9	~Chrysene	1.18	1.18	1.18	7.7E-09	2.6E-09	1.2E-14	1.0E-08				
53-70-3	~Dibenz[a,h]anthracene	0.173	0.173	0.173	**1.1E-06**	3.8E-07	1.7E-12	1.5E-06				
206-44-0	~Fluoranthene	2.64	2.64	2.64					8.4E-04	2.6E-04		1.1E-03
86-73-7	~Fluorene	0.0535	0.0535	0.0535					1.7E-05	5.3E-06		2.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.721	0.721	0.721	4.7E-07	1.6E-07	7.2E-13	6.3E-07				
91-20-3	~Naphthalene	0.0668	0.0668	0.0668	1.2E-08	4.2E-09	1.6E-08	3.2E-08	4.3E-05	1.3E-05	4.3E-04	4.9E-04
129-00-0	~Pyrene	2.13	2.13	2.13					9.1E-04	2.8E-04		1.2E-03
7440-22-4	Silver	0.361	0.361	0.361					9.2E-04			9.2E-04
7440-28-0	Thallium (Soluble Salts)	0.0616	0.0616	0.0616					7.9E-02			7.9E-02
7440-62-2	Vanadium and Compounds	19.2	19.2	19.2					4.9E-02		3.1E-06	4.9E-02
7440-66-6	Zinc and Compounds	48	48	48					2.0E-03			2.0E-03
						Cumulative:		1.8E-05				7.6E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0489	0.0489	0.0489					4.7E-08			4.7E-08
7440-36-0	Antimony (metallic)	0.706	0.706	0.706					1.5E-03		9.1E-09	1.5E-03
7440-38-2	Arsenic, Inorganic	2.17	2.17	2.17	6.0E-07	1.3E-07	1.3E-11	7.2E-07	3.7E-03	7.9E-04	5.6E-07	4.5E-03
7440-39-3	Barium	35.6	35.6	35.6					1.5E-04		2.7E-07	1.5E-04
7440-41-7	Beryllium and compounds	0.197	0.197	0.197			6.5E-13	6.5E-13	8.4E-05		3.8E-08	8.4E-05
7440-43-9	Cadmium (Diet)	0.157	0.157	0.157			3.9E-13	3.9E-13	1.3E-03	2.3E-04	6.0E-08	1.6E-03
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					8.7E-06			8.7E-06
18540-29-9	Chromium(VI)	1.24	1.24	1.24	6.1E-08		1.9E-11	6.1E-08	1.2E-03		1.6E-07	1.2E-03
7440-48-4	Cobalt	6.22	6.22	6.22			7.7E-11	7.7E-11	1.8E-02		4.0E-06	1.8E-02
7440-50-8	Copper	14.6	14.6	14.6					3.1E-04			3.1E-04
7439-92-1	~Lead and Compounds	51.1	51.1	51.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	313	313	313					1.1E-02		2.4E-05	1.1E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0276	0.0276	0.0276					7.9E-05		3.5E-10	7.9E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0497	0.0497	0.0497					7.1E-08		1.7E-07	2.5E-07
7440-02-0	Nickel Soluble Salts	8.48	8.48	8.48			3.0E-12	3.0E-12	3.6E-04		3.3E-06	3.7E-04
83-32-9	~Acenaphthene	0.0546	0.0546	0.0546					7.8E-07	4.3E-07		1.2E-06
120-12-7	~Anthracene	0.232	0.232	0.232					6.6E-07	3.6E-07		1.0E-06
56-55-3	~Benz[a]anthracene	1.19	1.19	1.19	3.6E-08	2.0E-08	1.2E-09	5.8E-08				
50-32-8	~Benzo[a]pyrene	1.07	1.07	1.07	3.3E-07	1.8E-07	8.8E-13	5.1E-07	3.1E-03	1.7E-03	2.1E-06	4.7E-03
205-99-2	~Benzo[b]fluoranthene	1.49	1.49	1.49	4.6E-08	2.5E-08	1.2E-13	7.1E-08				
207-08-9	~Benzo[k]fluoranthene	0.507	0.507	0.507	1.6E-09	8.5E-10	4.2E-15	2.4E-09				
218-01-9	~Chrysene	1.18	1.18	1.18	3.6E-10	2.0E-10	9.7E-16	5.6E-10				
53-70-3	~Dibenz[a,h]anthracene	0.173	0.173	0.173	5.3E-08	2.9E-08	1.4E-13	8.2E-08				
206-44-0	~Fluoranthene	2.64	2.64	2.64					5.7E-05	3.1E-05		8.8E-05
86-73-7	~Fluorene	0.0535	0.0535	0.0535					1.1E-06	6.3E-07		1.8E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.721	0.721	0.721	2.2E-08	1.2E-08	5.9E-14	3.4E-08				
91-20-3	~Naphthalene	0.0668	0.0668	0.0668	2.5E-09	1.3E-09	3.8E-09	7.6E-09	2.9E-06	1.6E-06	1.0E-04	1.1E-04
129-00-0	~Pyrene	2.13	2.13	2.13					6.1E-05	3.3E-05		9.4E-05
7440-22-4	Silver	0.361	0.361	0.361					6.2E-05			6.2E-05
7440-28-0	Thallium (Soluble Salts)	0.0616	0.0616	0.0616					5.3E-03			5.3E-03
7440-62-2	Vanadium and Compounds	19.2	19.2	19.2					3.3E-03		7.4E-07	3.3E-03
7440-66-6	Zinc and Compounds	48	48	48					1.4E-04			1.4E-04
						Cumulative:		1.5E-06				5.2E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

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	0.0489	0.0489	0.0489					3.0E-07			3.0E-07
7440-36-0	Antimony (metallic)	0.706	0.706	0.706					9.7E-03		1.4E-09	9.7E-03
7440-38-2	Arsenic, Inorganic	2.17	2.17	2.17	**1.2E-06**	1.7E-07	2.0E-12	**1.4E-06**	2.4E-02	2.8E-03	8.4E-08	2.7E-02
7440-39-3	Barium	35.6	35.6	35.6					9.8E-04		4.1E-08	9.8E-04
7440-41-7	Beryllium and compounds	0.197	0.197	0.197			1.0E-13	1.0E-13	5.4E-04		5.7E-09	5.4E-04
7440-43-9	Cadmium (Diet)	0.157	0.157	0.157			6.1E-14	6.1E-14	8.6E-03	8.2E-04	9.1E-09	9.4E-03
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					5.6E-05			5.6E-05
18540-29-9	Chromium(VI)	1.24	1.24	1.24	5.6E-07		8.1E-12	5.6E-07	7.5E-03		2.4E-08	7.5E-03
7440-48-4	Cobalt	6.22	6.22	6.22			1.2E-11	1.2E-11	1.1E-01		6.0E-07	1.1E-01
7440-50-8	Copper	14.6	14.6	14.6					2.0E-03			2.0E-03
7439-92-1	~Lead and Compounds	51.1	51.1	51.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	313	313	313					7.1E-02		3.6E-06	7.1E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0276	0.0276	0.0276					5.0E-04		5.3E-11	5.0E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0497	0.0497	0.0497					4.5E-07		2.6E-08	4.8E-07
7440-02-0	Nickel Soluble Salts	8.48	8.48	8.48			4.7E-13	4.7E-13	2.3E-03		4.9E-07	2.3E-03
83-32-9	~Acenaphthene	0.0546	0.0546	0.0546					5.0E-06	1.5E-06		6.5E-06
120-12-7	~Anthracene	0.232	0.232	0.232					4.2E-06	1.3E-06		5.5E-06
56-55-3	~Benz[a]anthracene	1.19	1.19	1.19	3.3E-07	1.1E-07	5.4E-10	4.4E-07				
50-32-8	~Benzo[a]pyrene	1.07	1.07	1.07	**3.0E-06**	1.0E-06	3.8E-13	**4.0E-06**	2.0E-02	6.0E-03	3.1E-07	2.6E-02
205-99-2	~Benzo[b]fluoranthene	1.49	1.49	1.49	4.2E-07	1.4E-07	5.3E-14	5.6E-07				
207-08-9	~Benzo[k]fluoranthene	0.507	0.507	0.507	1.4E-08	4.7E-09	1.8E-15	1.9E-08				
218-01-9	~Chrysene	1.18	1.18	1.18	3.3E-09	1.1E-09	4.2E-16	4.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.173	0.173	0.173	4.8E-07	1.6E-07	6.2E-14	6.5E-07				
206-44-0	~Fluoranthene	2.64	2.64	2.64					3.6E-04	1.1E-04		4.7E-04
86-73-7	~Fluorene	0.0535	0.0535	0.0535					7.3E-06	2.3E-06		9.6E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.721	0.721	0.721	2.0E-07	6.7E-08	2.6E-14	2.7E-07				
91-20-3	~Naphthalene	0.0668	0.0668	0.0668	4.9E-09	1.8E-09	5.9E-10	7.3E-09	1.8E-05	5.6E-06	1.5E-05	3.9E-05
129-00-0	~Pyrene	2.13	2.13	2.13					3.9E-04	1.2E-04		5.1E-04
7440-22-4	Silver	0.361	0.361	0.361					4.0E-04			4.0E-04
7440-28-0	Thallium (Soluble Salts)	0.0616	0.0616	0.0616					3.4E-02			3.4E-02
7440-62-2	Vanadium and Compounds	19.2	19.2	19.2					2.1E-02		1.1E-07	2.1E-02
7440-66-6	Zinc and Compounds	48	48	48					8.8E-04			8.8E-04
						Cumulative:		7.9E-06				3.3E-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- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-6 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.091	J	67-64-1	Acetone			mg/kg	SED-6									
1.22		7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
13.9		7440-39-3	Barium			mg/kg	SED-6									
0.11	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.0447	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-6									
0.122	J	105-60-2	Caprolactam			mg/kg	SED-6									
25.2		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-6									
0.51	J	18540-29-9	Chromium(VI)			mg/kg	SED-6									
6.02		7440-48-4	Cobalt			mg/kg	SED-6									
7.9	B	7440-50-8	Copper			mg/kg	SED-6									
6.7		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
101	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
0.0122	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-6									
11		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
0.0934	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-6									
0.0805	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-6									
0.112	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
0.106	J	218-01-9	~Chrysene			mg/kg	SED-6									
0.208	J	206-44-0	~Fluoranthene			mg/kg	SED-6									
0.0467	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-6									
0.228	J	129-00-0	~Pyrene			mg/kg	SED-6									
0.19	J B	7440-22-4	Silver			mg/kg	SED-6									
17.9		7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
33.7		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: NONCD0000825

Exposure Unit ID: SED-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.3E-06	4.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.8E-07	2.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.4E-06	1.8E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.091	0.091	0.091					1.3E-06			1.3E-06
7440-38-2	Arsenic, Inorganic	1.22	1.22	1.22	**1.6E-06**	2.2E-07	3.1E-11	1.8E-06	3.1E-02	3.7E-03	1.3E-06	3.5E-02
7440-39-3	Barium	13.9	13.9	13.9					8.9E-04		4.5E-07	8.9E-04
7440-41-7	Beryllium and compounds	0.11	0.11	0.11			1.6E-12	1.6E-12	7.0E-04		8.9E-08	7.0E-04
7440-43-9	Cadmium (Diet)	0.0447	0.0447	0.0447			4.8E-13	4.8E-13	5.7E-03	5.4E-04	7.2E-08	6.3E-03
105-60-2	Caprolactam	0.122	0.122	0.122					3.1E-06	7.4E-07	9.0E-10	3.9E-06
16065-83-1	Chromium(III), Insoluble Salts	25.2	25.2	25.2					2.1E-04			2.1E-04
18540-29-9	Chromium(VI)	0.51	0.51	0.51	5.3E-07		9.3E-11	5.3E-07	7.2E-03		2.7E-07	7.2E-03
7440-48-4	Cobalt	6.02	6.02	6.02			3.3E-10	3.3E-10	**2.6E-01**		1.6E-05	**2.6E-01**
7440-50-8	Copper	7.9	7.9	7.9					2.5E-03			2.5E-03
7439-92-1	~Lead and Compounds	6.7	6.7	6.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	101	101	101					5.4E-02		3.3E-05	5.4E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0122	0.0122	0.0122					2.6E-07		1.8E-07	4.4E-07
7440-02-0	Nickel Soluble Salts	11	11	11			1.7E-11	1.7E-11	7.0E-03		1.8E-05	7.0E-03
56-55-3	~Benz[a]anthracene	0.0934	0.0934	0.0934	6.1E-08	2.0E-08	1.2E-09	8.3E-08				
50-32-8	~Benzo[a]pyrene	0.0805	0.0805	0.0805	5.3E-07	1.8E-07	8.0E-13	7.0E-07	3.4E-03	1.1E-03	6.5E-07	4.5E-03
205-99-2	~Benzo[b]fluoranthene	0.112	0.112	0.112	7.3E-08	2.4E-08	1.1E-13	9.8E-08				
218-01-9	~Chrysene	0.106	0.106	0.106	6.9E-10	2.3E-10	1.1E-15	9.2E-10				
206-44-0	~Fluoranthene	0.208	0.208	0.208					6.6E-05	2.1E-05		8.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0467	0.0467	0.0467	3.0E-08	1.0E-08	4.7E-14	4.1E-08				
129-00-0	~Pyrene	0.228	0.228	0.228					9.7E-05	3.0E-05		1.3E-04
7440-22-4	Silver	0.19	0.19	0.19					4.9E-04			4.9E-04
7440-62-2	Vanadium and Compounds	17.9	17.9	17.9					4.5E-02		2.9E-06	4.5E-02
7440-66-6	Zinc and Compounds	33.7	33.7	33.7					1.4E-03			1.4E-03
						Cumulative:		3.3E-06				4.2E-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: NONCD0000825

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.091	0.091	0.091					8.7E-08			8.7E-08
7440-38-2	Arsenic, Inorganic	1.22	1.22	1.22	3.4E-07	7.1E-08	7.2E-12	4.1E-07	2.1E-03	4.4E-04	3.1E-07	2.5E-03
7440-39-3	Barium	13.9	13.9	13.9					6.0E-05		1.1E-07	6.0E-05
7440-41-7	Beryllium and compounds	0.11	0.11	0.11			3.6E-13	3.6E-13	4.7E-05		2.1E-08	4.7E-05
7440-43-9	Cadmium (Diet)	0.0447	0.0447	0.0447			1.1E-13	1.1E-13	3.8E-04	6.5E-05	1.7E-08	4.5E-04
105-60-2	Caprolactam	0.122	0.122	0.122					2.1E-07	8.8E-08	2.1E-10	3.0E-07
16065-83-1	Chromium(III), Insoluble Salts	25.2	25.2	25.2					1.4E-05			1.4E-05
18540-29-9	Chromium(VI)	0.51	0.51	0.51	2.5E-08		7.7E-12	2.5E-08	4.9E-04		6.5E-08	4.9E-04
7440-48-4	Cobalt	6.02	6.02	6.02			7.4E-11	7.4E-11	1.7E-02		3.9E-06	1.7E-02
7440-50-8	Copper	7.9	7.9	7.9					1.7E-04			1.7E-04
7439-92-1	~Lead and Compounds	6.7	6.7	6.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	101	101	101					3.6E-03		7.8E-06	3.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0122	0.0122	0.0122					1.7E-08		4.3E-08	6.0E-08
7440-02-0	Nickel Soluble Salts	11	11	11			3.9E-12	3.9E-12	4.7E-04		4.2E-06	4.8E-04
56-55-3	~Benz[a]anthracene	0.0934	0.0934	0.0934	2.9E-09	1.6E-09	9.7E-11	4.5E-09				
50-32-8	~Benzo[a]pyrene	0.0805	0.0805	0.0805	2.5E-08	1.4E-08	6.6E-14	3.8E-08	2.3E-04	1.3E-04	1.5E-07	3.6E-04
205-99-2	~Benzo[b]fluoranthene	0.112	0.112	0.112	3.4E-09	1.9E-09	9.2E-15	5.3E-09				
218-01-9	~Chrysene	0.106	0.106	0.106	3.2E-11	1.8E-11	8.7E-17	5.0E-11				
206-44-0	~Fluoranthene	0.208	0.208	0.208					4.5E-06	2.4E-06		6.9E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0467	0.0467	0.0467	1.4E-09	7.9E-10	3.9E-15	2.2E-09				
129-00-0	~Pyrene	0.228	0.228	0.228					6.5E-06	3.6E-06		1.0E-05
7440-22-4	Silver	0.19	0.19	0.19					3.3E-05			3.3E-05
7440-62-2	Vanadium and Compounds	17.9	17.9	17.9					3.0E-03		6.9E-07	3.0E-03
7440-66-6	Zinc and Compounds	33.7	33.7	33.7					9.6E-05			9.6E-05
						Cumulative:		4.8E-07				2.9E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.091	0.091	0.091					5.5E-07			5.5E-07
7440-38-2	Arsenic, Inorganic	1.22	1.22	1.22	6.8E-07	9.5E-08	1.1E-12	7.7E-07	1.3E-02	1.6E-03	4.7E-08	1.5E-02
7440-39-3	Barium	13.9	13.9	13.9					3.8E-04		1.6E-08	3.8E-04
7440-41-7	Beryllium and compounds	0.11	0.11	0.11			5.7E-14	5.7E-14	3.0E-04		3.2E-09	3.0E-04
7440-43-9	Cadmium (Diet)	0.0447	0.0447	0.0447			1.7E-14	1.7E-14	2.4E-03	2.3E-04	2.6E-09	2.7E-03
105-60-2	Caprolactam	0.122	0.122	0.122					1.3E-06	3.2E-07	3.2E-11	1.7E-06
16065-83-1	Chromium(III), Insoluble Salts	25.2	25.2	25.2					9.2E-05			9.2E-05
18540-29-9	Chromium(VI)	0.51	0.51	0.51	2.3E-07		3.3E-12	2.3E-07	3.1E-03		9.8E-09	3.1E-03
7440-48-4	Cobalt	6.02	6.02	6.02			1.2E-11	1.2E-11	1.1E-01		5.8E-07	1.1E-01
7440-50-8	Copper	7.9	7.9	7.9					1.1E-03			1.1E-03
7439-92-1	~Lead and Compounds	6.7	6.7	6.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	101	101	101					2.3E-02		1.2E-06	2.3E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0122	0.0122	0.0122					1.1E-07		6.4E-09	1.2E-07
7440-02-0	Nickel Soluble Salts	11	11	11			6.1E-13	6.1E-13	3.0E-03		6.3E-07	3.0E-03
56-55-3	~Benz[a]anthracene	0.0934	0.0934	0.0934	2.6E-08	8.7E-09	4.2E-11	3.5E-08				
50-32-8	~Benzo[a]pyrene	0.0805	0.0805	0.0805	2.3E-07	7.5E-08	2.9E-14	3.0E-07	1.5E-03	4.5E-04	2.3E-08	1.9E-03
205-99-2	~Benzo[b]fluoranthene	0.112	0.112	0.112	3.1E-08	1.0E-08	4.0E-15	4.2E-08				
218-01-9	~Chrysene	0.106	0.106	0.106	3.0E-10	9.9E-11	3.8E-17	4.0E-10				
206-44-0	~Fluoranthene	0.208	0.208	0.208					2.8E-05	8.8E-06		3.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0467	0.0467	0.0467	1.3E-08	4.4E-09	1.7E-15	1.7E-08				
129-00-0	~Pyrene	0.228	0.228	0.228					4.2E-05	1.3E-05		5.4E-05
7440-22-4	Silver	0.19	0.19	0.19					2.1E-04			2.1E-04
7440-62-2	Vanadium and Compounds	17.9	17.9	17.9					1.9E-02		1.0E-07	1.9E-02
7440-66-6	Zinc and Compounds	33.7	33.7	33.7					6.2E-04			6.2E-04
						Cumulative:		1.4E-06				1.8E-01